Junta de Andalucía
Consejería de Fomento, Articulación del Territorio y Vivienda
Agencia de Obra Pública de la Junta de Andalucía

ayesa

TREN-TRANVÍA BAHÍA DE CÁDIZ

PROYECTO PARA LA MEJORA DE SISTEMAS DE ILUMINACIÓN

ANEJO 7. FICHAS TÉCNICAS

Julio 2023

CONTROL DE CAMBIOS Y VERSIONES

Revisión		Modificaciones	Epígrafes
Nº	**Fecha**		
V00	05-2023	Creación del documento	-
V01	07-2023	Implementación de comentarios	Todos

Elaborado y redactado por:	Revisado y aprobado por:
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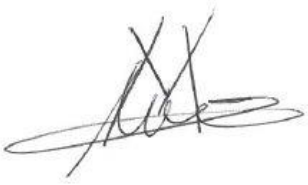
Ingeniero Industrial	Ingeniero Industrial
	

Sevilla, Julio 2023

Por Ayesa Ingeniería y Arquitectura SAU, el autor del proyecto

Alberto Fajardo

ÍNDICE DEL ANEJO

ANEJO 02. FICHAS TÉCNICAS

En el presente anejo se añaden unas fichas técnicas comerciales de equipamiento que ha sido empleado para la realización de los cálculos.

Tal como se indica en la memoria, se quiere indicar que las marcas y modelos de materiales expresados en este documento se consideran como referencia para la descripción de las características mínimas y las especificaciones de los sistemas y equipos mencionados, pudiendo ser sustituidos por otros equivalentes siempre que las prestaciones de los elementos igualen o superen a las de las marcas y modelos citados y su operatividad resuelva de manera similar los requerimientos que se pretenden. Se entenderá que todas las marcas y modelos de materiales y equipos pueden ser sustituidos por otros equivalentes, siempre y cuando esta equivalencia sea demostrada ante los técnicos de la Propiedad.

1 LUMINARIAS

RTF

RETROFIT MARINA

USOS

- Centros históricos
- Parques
- Zonas de peatones
- Grandes avenidas
- Zonas residenciales

NORMATIVA

EN 60598-1:2015+AC:2015+AC:2016
EN 60598-2-3:2003+AC:2005+A1:2011

Módulo LED: EN 62031:2008+A1:2013+A2:2015

Seguridad óptica: EN 62471:2008

EMC: EN 55015:2013
EN 61000-3-2:2014; EN 61000-3-3:2013
EN 61547:2009

Driver: EN 61347-2-13:2014/A1:2017
EN 62384:2006/A1:2009

Seguridad electromagnética: EN62493:2010

CARACTERÍSTICAS MECÁNICAS

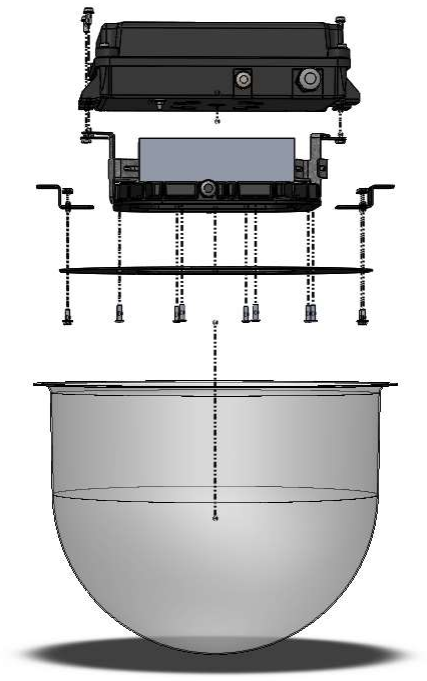
IP-66. Bloque óptico y Caja XBox

IK-10. Bloque óptico.

Temperatura ambiente de trabajo -30ºC a +50ºC.

DESCRIPCIÓN

- Grupo óptico LED de sustitución ajustable a luminarias Marina.
- Elemento estructural principal realizado en plancha de acero, de dimensiones y fijación según necesidades de cada luminaria. La placa se realiza adaptarse en cada caso.
- Placa PCB de 8, 16 o 24 o 32 LEDs (según modelo).
- Módulo de sujeción de PCB realizado en inyección de aluminio, que actúa a la vez como disipador del calor.
- Cierre mediante elemento transparente de metacrilato de alta resistencia al impacto.
- Caja de alta resistencia con protección IP66 y realizada en inyección de policarbonato; con espacio para alojar driver, protector sobretensiones, regleta de conexión y posibles sistemas de telegestión. Con logo impreso para garantizar trazabilidad.
- Ubicación de la caja estanca ajustable a las características de cada luminaria.
- Difusor termoconformado.



CARACTERÍSTICAS ELÉCTRICAS

Seleccionable en un rango entre 10W y 100W LED mediante ajuste de la corriente de salida a través de programación del driver.

CLASE

Clase I.

Vida media: L90 B10>100.000h.

Fuente de alimentación por corriente continua constante, programable para adaptación de los parámetros de funcionamiento a las necesidades del proyecto.

DALI / 1-10V / Temporización / Reducción en cabecera.

LED

- Hasta 32 LED (potencia programable entre 10 y 100W LED) montados sobre placa PCB con circuito electrónico (3).
- Diseño electrónico para darse la condición de cortocircuito entre polos de un LED en caso de fallo de éste, asegurando el funcionamiento del resto de LEDs.
- Tensión de entrada: 220-240V / 50-60hz
- Placa PCB sobre la cara inferior del módulo de aluminio. El propio módulo actúa como elemento disipador del calor.
- Corriente LED: Inferior a 525ma
- Óptica refractora de alta transmitancia fabricada en PMMA dando la distribución lumínica deseada.
- Cierre inferior plano de metacrilato transparente que confiere la estanqueidad al grupo óptico (4).
- Factor potencia superior a 0,90

- Control de temperatura de placa LED, ajustable a valores límite deseados.
- Flujo luminoso constante a lo largo de la vida del LED.
- Tiempo de progresión de encendido ajustable.
- Reducción de potencia y flujo por temporización programada hasta 5 niveles distintos.
- Potencia ajustable por selección de intensidad de salida programada.
- Posibilidad de telegestión con la incorporación de antena transmisora o dispositivo de control por línea de potencia.

Referencia	# LEDs	Potencia (W LED)
RTF-L008s	8	10-25
RTF-L016s	16	26-50
RTF-L024s	24	51-75
RTF-L032s	32	76-100

CARACTERÍSTICAS FOTOMÉTRICAS

Tª 2.200ºK, 2.700ºK, 3.000ºK, 4.000ºK.

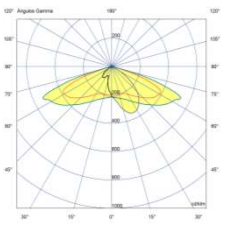
CRI 70. 80 bajo demanda.

FHS <0,1%.

Hasta 140lm/w en función de la óptica y potencia seleccionada. (eficiencia del bloque óptico)

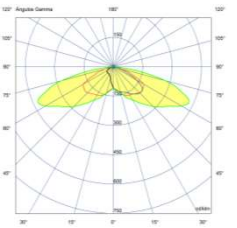
Más de 5 distribuciones fotométricas posibles según relación entre flujo emitido frontal y posterior, alcance y dispersión, para una óptima adaptación a los requerimientos lumínicos del proyecto.

B2



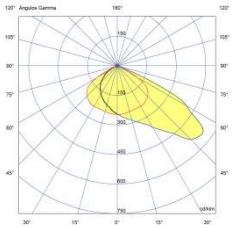
60º Apertura longitudinal
25º Apertura transversal

B3



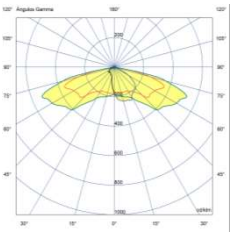
60º Apertura longitudinal
50º Apertura transversal

B5



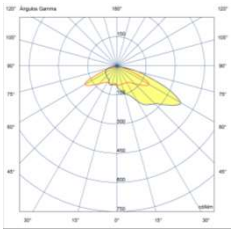
30º Apertura longitudinal
50º Apertura transversal

B6



70º Apertura longitudinal
25º Apertura transversal

B11



60º Apertura longitudinal
60º Apertura transversal

*ROS Lighting Technologies se reserva el derecho a actualizar la información detallada en esta ficha sin previo aviso.

CONTÁCTANOS PARA MÁS INFORMACIÓN

ROS iluminación

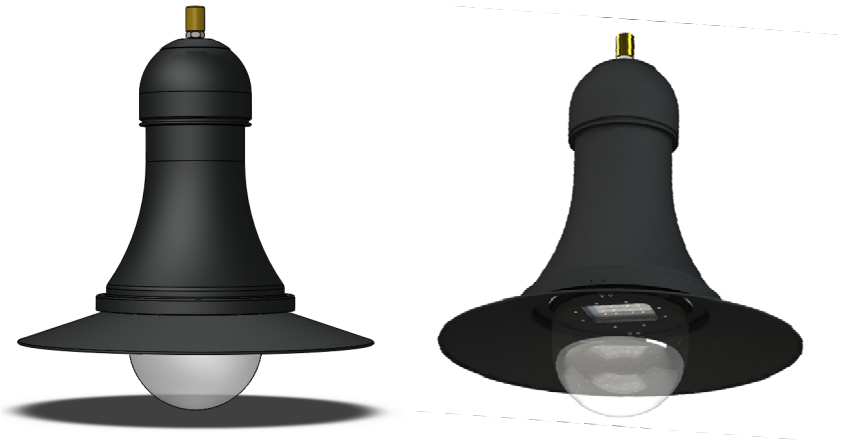
+34 93 726 37 99

info@rosiluminacion.com

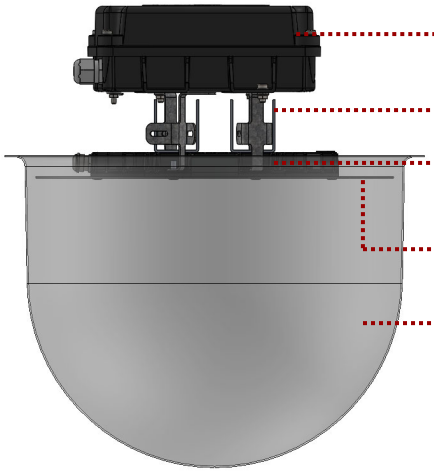
www.roslighting.com

OPCIÓN A: PROPUESTA CON RETROFIT RTF EN LUMINARIAS EXISTENTES:

Vistas luminaria completa:



Alzado retrofit completo:



Caja estanca X-BOX de ROS realizada por inyección de policarbonato, que garantiza la estanqueidad y protección de los equipos electrónicos (driver, protector, regleta de conexión y posible telegestión). Con logo impreso en el proceso de fabricación para garantizar trazabilidad.

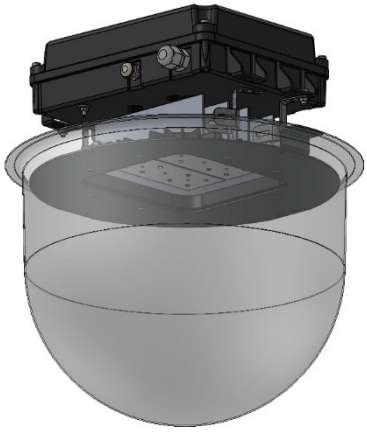
Aletas disipación para mejor comportamiento térmico

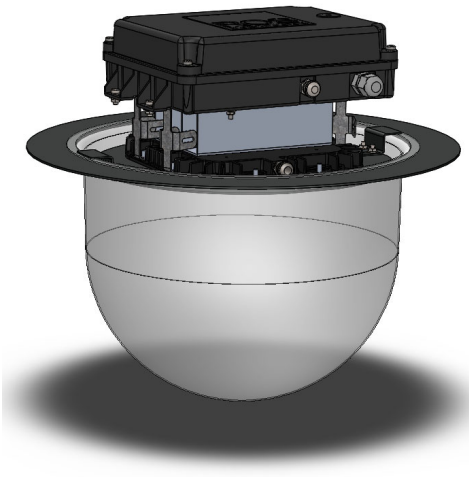
Módulo LED en aluminio inyectado. Hasta 100W.

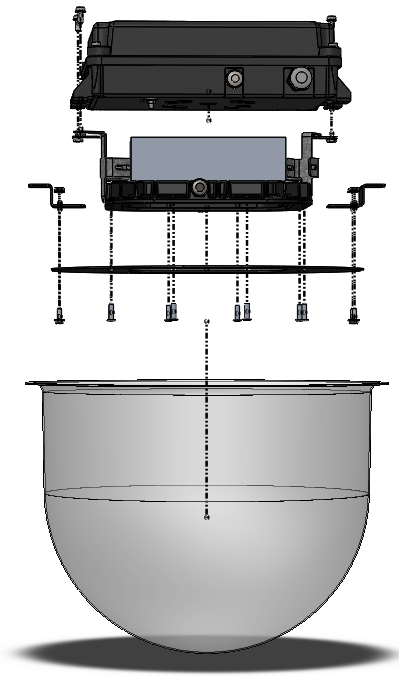
Placa de acero galvanizado, adaptado al modelo de luminaria.

Difusor termoconformado

Vistas retrofit RTF:







DOMINO STREET RD/RC

GENERAL SPECIFICATIONS	
Type	Urban floodlight.
Application	Parks, parking and green areas.
MATERIALS AND FINISHES	
• Body and cover in die-cast aluminum with minimum EN 47100 title with low content copper and high resistance to atmospheric agents.	
• Upper cover with cross-sectional cooling fins with highly aesthetic aspect.	
• Die-cast aluminium “V” shaped support in black color (RAL 9005) for pole installation.	
• Device locking system on pole by means of two grub screws in stainless steel.	
• Coated in silver-colored polyester powders (RAL 9006) resistant to UV rays according to ASTM D4587:2011 standard and to corrosion according to EN ISO 9227:2017 - Salt spray tests, with a minimum duration of exposure of 2500 hours.	
• Pressure compensation filter in Teflon.	
• Gaskets in anti-aging rubber, removable.	
• Extra-clear tempered safety glass protection screen, 4mm thick.	
• Stainless steel external captive screws.	
• Stainless steel closure clip.	
MECHANICAL CHARACTERISTICS	
• Replacement of the entire LED module including the upper cover.	
• Opening provides access to optics and cable box in a single, easy step by using the stainless steel screws.	
• To prevent accidental closure of the cover during assembly and maintenance, the device is equipped with an automatic anti-closing mechanism.	
PROTECTION AGAINST SURGES	
• CL I: up to 10kV both common and differential mode.	
• CL II: up to 10 kV common mode, differential mode 6kV. On request it is possible to reach 10kV also in differential mode with SPD connected between phase and neutral.	
POWER SUPPLY CHARACTERISTICS	
• Power supply unit consisting of a programmable driver with a lifespan greater than 100,000h.	
• Electronic power supply with integrated thermal protection with high efficiency and durability intended for external use.	
All versions are protected against overloads and surges to protect components and LEDs.	
• The system, both in CL I and in CL II, is equipped with a knife switch to interrupt the power supply at the device’s opening.	
• The power supply cable accesses the device through a PG 16 cable gland (IP68).	
• Power correction factor at full load > 0.9.	
• Power supply 220 - 240V / 50 - 60 Hz VAC and also available in 120-277V / 50-60 Hz VAC.	
• Cable plate complete with easily replaceable electronic unit.	
• 1-10V: analog dimming interface via 1-10V protocol.	
OPTIONS FOR LIGHT CONTROL	
• Automatic dimming through virtual midnight system with customized profiles according to specific needs.	
• CLO functionality: the driver can be programmed to gradually increase the level of drive current fed to the LEDs in order to compensate their physiological lifespan reduction.	
• Astronomical clock: this function the system to be switched on and off according to certain preset time slots.	
• DALI 2: digital dimming interface via DALI 2 protocol.	
• Adjustment of the luminous flux through conveyed waves.	
• Main voltage dimming: this function allows the variation of the luminous flux by acting on the variation of the power supply voltage supplied by the control panel of the lighting system.	
• NEMA SOCKET: 7 pins (ANSI C136.41).	
• ZHAGA SOCKET: 4 pins (ZHAGA Book 18).	

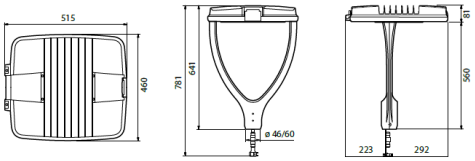
DOMINO STREET RD/RC

INSTALLATION
• Die-cast aluminium “V” shaped support painted in black color (RAL 9005) for pole installation.

	DOMINO STREET RD	DOMINO STREET RC
Installation	Die-cast aluminium “V” shaped support painted in black color (RAL 9005) for pole installation.	
	decentral position of the “V” shaped support with respect to the lighting device	central position of the “V” shaped support with respect the urban floodlight
Pole diameter	Ø 46 mm ÷ 60 mm	
Installation height	3 ÷ 16 m	

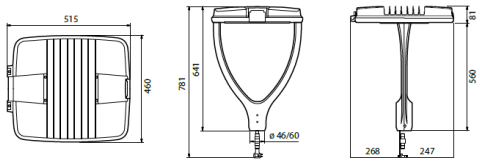
DIMENSIONS

DOMINO STREET RD



Max weight*	10 kg	
Wind exposed surface with tilt 0°	lateral: 0,060 m^2	front: 0,081 m^2

DOMINO STREET RC



Max weight*	10 kg	
Wind exposed surface with tilt 0°	lateral: 0,060 m^2	front: 0,081 m^2

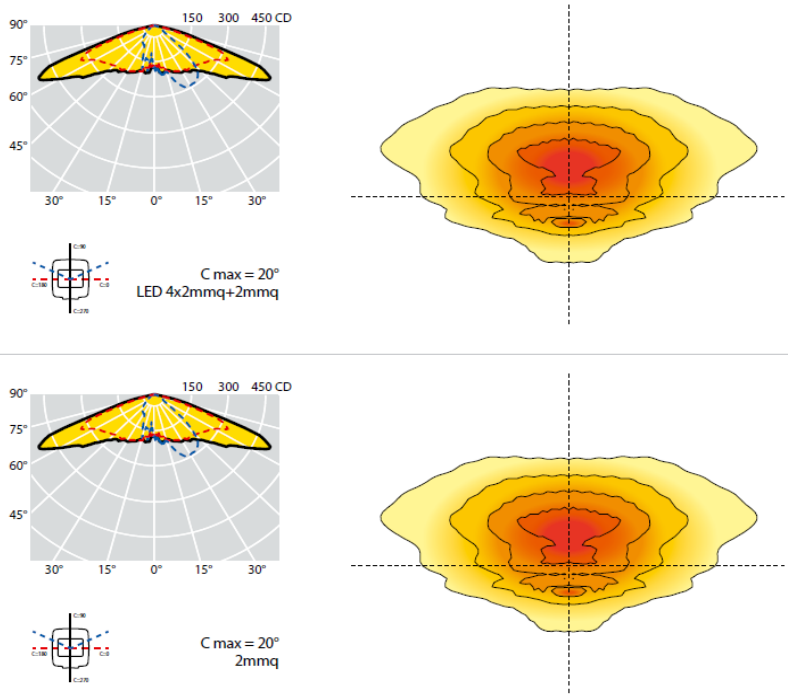
* Weight tolerance ± 5%

DOMINO STREET RD/RC

OPTICAL SYSTEM CHARACTERISTICS	
• SAFEWAY® optic system: refraction / reflection system and refraction system.	
• Optic group easily replaceable.	
• Multi-die, Singlechip e Multichip LED Technology on a pressed aluminum circuit, highly dissipating MCPCB (Metal Core Printed Circuit Board).	
• Thermal dissipation system by means of cross-sectional cooling fins.	
• Color temperature: 4000K - CRI>70. The streetlights are available on request also with color temperatures between 2700 and 5700K.	
MAINTENED AVERAGE LUMINOUS FLUX ACCORDING TO LM80 - TM21 STANDARDS	
>100,000 hr	L90B10
Operating temperature	-40°C ÷ +55°C
REFRACTION/REFLECTION OPTIC SYSTEM	
AB1 OPTIC:	Street optic normally used for all street illumination categories, especially when the installation height and the carriage width ratio is greater than 0.85. This optic is particularly suitable for roads with a relationship between the poles distance and the installation height even higher than 4.
AB1+C OPTIC:	Mixed street optic with bilateral emission, normally used in parallel street lighting with median application. Designed to illuminate roads of different categories and sizes or urban roads combined with cycle or pedestrian paths. The optic is composed of two different semi-optics, each suitable to light different road geometry.
2xL5 OPTIC:	Rectangular emission optics normally used for parallel roads with median application or in parks, gardens, car parks or other areas where the use of symmetrical optics is recommended, albeit with different symmetry with respect to the area to be illuminated. In such applications, these optics are used as an alternative to rotosymmetrical optics, because they are able to better cover the area to be illuminated.
REFRACTION OPTIC SYSTEM	
S OPTIC:	Street optic normally used for lighting categories up to M3. This optic is particularly suitable for situations where the installation height and the width of the carriageway ratio is less than 1. It is also appropriate for roads with very high interdistances and an interdistance / installation height ratio greater than 5.
V OPTIC:	Street optic normally used for lighting categories up to M3. This optic is particularly suitable for situations where the installation height and the width of the carriageway ratio is less than 1.

DOMINO STREET RD/RC - AB1+C

PHOTOMETRIC DATA



PRODUCT CODES

Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
67033	**67034**	26 LED	AB1+C	350mA	29	3930	3300	•	•	13,10	0,1848
67035	**67036**	26 LED	AB1+C	530mA	44	5590	4700	•	•	13,10	0,1848
67037	**67038**	26 LED	AB1+C	700mA	57	7260	6100	•		13,10	0,1848
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
67039	**67040**	16 LED	AB1+C	530mA	66	9100	7650	•	•	13,10	0,1848
67041	**67042**	16 LED	AB1+C	700mA	87	11540	9700	•		13,10	0,1848
Tecnologia LED Multichip (4x2mmq+2mmq)						*Multichip LED technology (4x2mmq+2mmq)*					

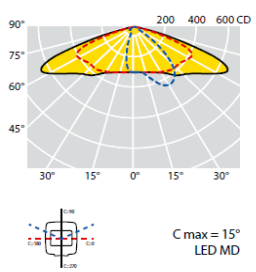
I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

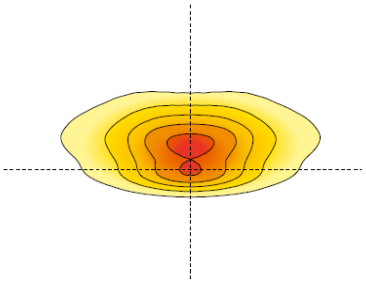
The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

p. +39 039 63411
f. +39 039 653868
e. info@faelluce.com
i. www.faelluce.com
cap. soc. € 4.000.000 i.v.
num. rea mb - 769712
reg. imp. mb 00793220153
p. iva IT 11966710151
cod. fisc. 00793220153

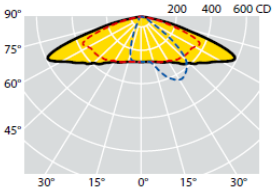
DOMINO STREET RD/RC - AB1

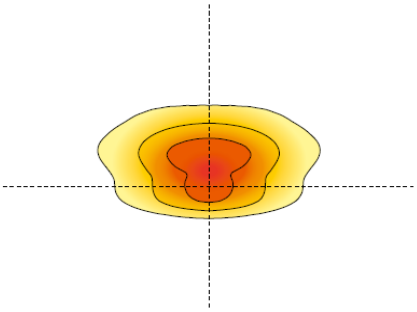
PHOTOMETRIC DATA



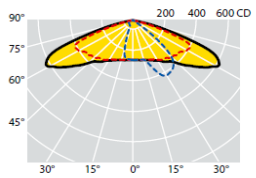


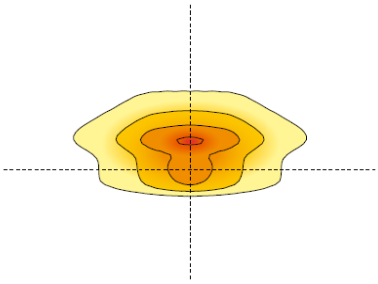
C max = 15°
LED MD





C max = 15°
LED 4x4mmq





C max = 20°
LED 2mmq

PRODUCT CODES

Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
67592	**67534**	12 LED	AB1	330mA	24	4320	3600	•		13,10	0,1848
67593	**67535**	18 LED	AB1	280mA	31	5640	4700	•	•	13,10	0,1848
67594	**67536**	18 LED	AB1	330mA	36	6560	5470	•		13,10	0,1848
67595	**67537**	24 LED	AB1	300mA	43	7920	6600	•	•	13,10	0,1848
67596	**67538**	24 LED	AB1	350mA	51	9120	7600	•		13,10	0,1848
67597	**67539**	24 LED	AB1	400mA	59	10260	8550	•		13,10	0,1848
Tecnologia LED MD						*MD LED technology*					
67043	**67044**	12 LED	AB1	350mA	13	2400	2000	•	•	13,10	0,1848
67045	**67046**	12 LED	AB1	530mA	20	3445	2870	•	•	13,10	0,1848
67047	**67048**	12 LED	AB1	700mA	27	4440	3700	•		13,10	0,1848
67049	**67050**	18 LED	AB1	530mA	29	4970	4140	•	•	13,10	0,1848
67051	**67052**	18 LED	AB1	700mA	39	6400	5330	•		13,10	0,1848
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
67059	**67060**	8 LED	AB1	800mA	76	13540	11280	•	•	13,10	0,1848
67061	**67062**	8 LED	AB1	1000mA	97	16030	13360	•		13,10	0,1848
Tecnologia LED Multichip (4X4mmq)						*Multichip LED technology (4X4mmq)*					

I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

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cap. soc. € 4.000.000 i.v.
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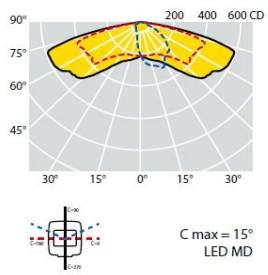
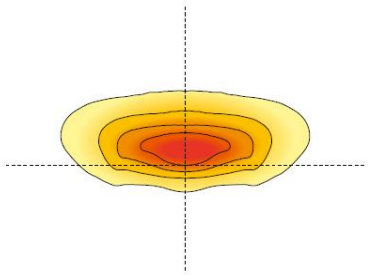
reg. imp. mb 00793220153
p. iva IT 11966710151
cod. fisc. 00793220153

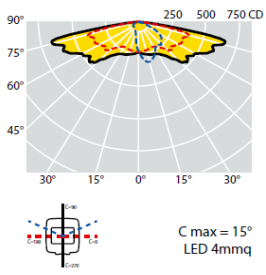
DOMINO STREET RD/RC - S

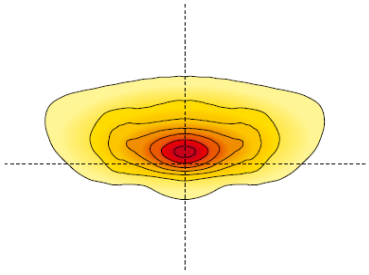
PHOTOMETRIC DATA



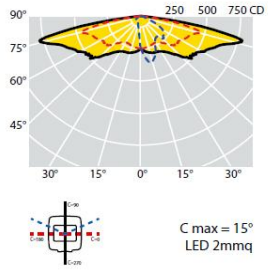


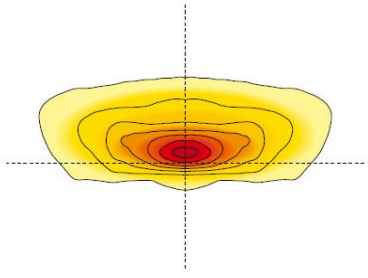
C max = 15°
LED MD





C max = 15°
LED 4mmq





C max = 15°
LED 2mmq

PRODUCT CODES

Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
67629	**67571**	16 LED	S	200mA	20	3840	3010	•	•	13,10	0,1848
67630	**67572**	16 LED	S	260mA	26	4900	3840	•	•	13,10	0,1848
67631	**67573**	16 LED	S	330mA	33	6100	4780	•		13,10	0,1848
67632	**67574**	24 LED	S	260mA	38	7200	5640	•	•	13,10	0,1848
67633	**67575**	24 LED	S	300mA	47	8280	6490	•	•	13,10	0,1848
67634	**67576**	24 LED	S	400mA	59	10390	8140	•		13,10	0,1848
67635	**67577**	24 LED	S	455mA	67	11720	9180	•		13,10	0,1848
Tecnologia LED MD						*MD LED technology*					
67063	**67064**	16 LED	S	350mA	17	2900	2530	•	•	13,10	0,1848
67065	**67066**	16 LED	S	530mA	26	4200	3660	•	•	13,10	0,1848
67067	**67068**	16 LED	S	700mA	35	5320	4640	•		13,10	0,1848
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
67075	**67076**	16 LED	S	800mA	39	6670	5250	•		13,10	0,1848
67077	**67078**	16 LED	S	1000mA	51	8065	6350	•		13,10	0,1848
67083	**67084**	24 LED	S	800mA	60	9910	7800	•		13,10	0,1848
67085	**67086**	24 LED	S	1000mA	76	11965	9410	•		13,10	0,1848
Tecnologia LED Singlechip (4mmq)						*Singlechip LED technology (4mmq)*					

I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

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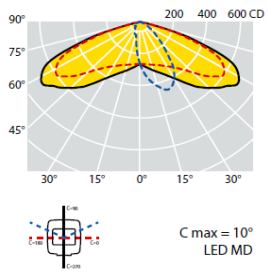
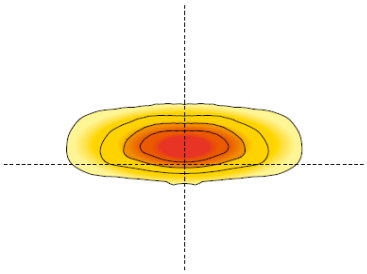
cod. fisc. 00793220153

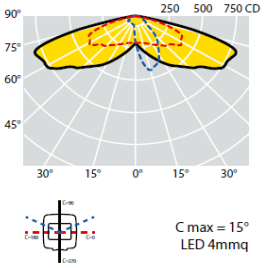
DOMINO STREET RD/RC - V

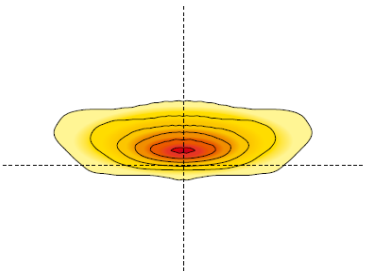
PHOTOMETRIC DATA



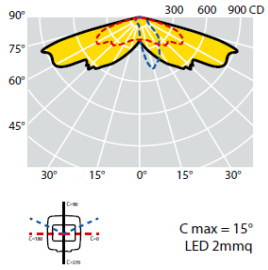


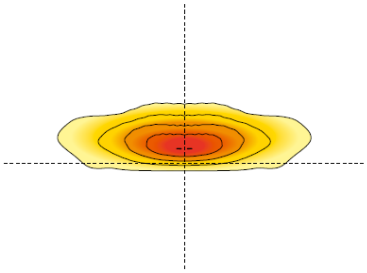
C max = 10°
LED MD





C max = 15°
LED 4mmq





C max = 15°
LED 2mmq

PRODUCT CODES

Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
67622	**67564**	16 LED	V	200mA	20	3840	3200	•	•	13,10	0,1848
67623	**67565**	16 LED	V	260mA	26	4900	4080	•	•	13,10	0,1848
67624	**67566**	16 LED	V	330mA	33	6100	5080	•		13,10	0,1848
67625	**67567**	24 LED	V	260mA	38	7200	6000	•	•	13,10	0,1848
67626	**67568**	24 LED	V	300mA	47	8280	6900	•	•	13,10	0,1848
67627	**67569**	24 LED	V	400mA	59	10390	8660	•		13,10	0,1848
67628	**67570**	24 LED	V	455mA	67	11720	9770	•		13,10	0,1848
Tecnologia LED MD						*MD LED technology*					
67069	**67070**	16 LED	V	350mA	17	2900	2680	•	•	13,10	0,1848
67071	**67072**	16 LED	V	530mA	26	4200	3880	•	•	13,10	0,1848
67073	**67074**	16 LED	V	700mA	35	5320	4900	•		13,10	0,1848
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
67079	**67080**	16 LED	V	800mA	39	6670	5560	•		13,10	0,1848
67081	**67082**	16 LED	V	1000mA	51	8065	6720	•		13,10	0,1848
67087	**67088**	24 LED	V	800mA	60	9910	8260	•		13,10	0,1848
67089	**67090**	24 LED	V	1000mA	76	11965	9970	•		13,10	0,1848
Tecnologia LED Singlechip (4mmq)						*Singlechip LED technology (4mmq)*					

I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

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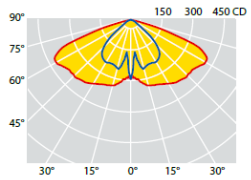
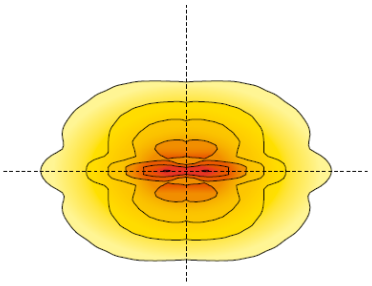
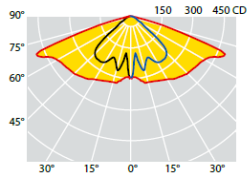
DOMINO STREET RD/RC - 2xL5

PHOTOMETRIC DATA

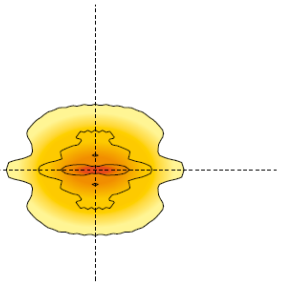


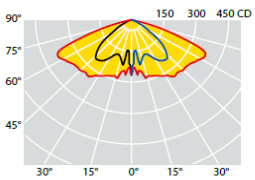
C max = 0°
LED MD





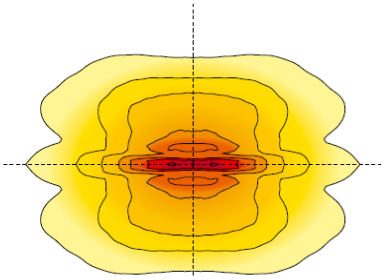
C max = 0°
LED 2mmq





DOMINO STREET RC - 2xL5

C max = 0°
LED 4x4mmq



PRODUCT CODES

Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
67653	**67650**	16 LED	2XL5	200mA	20	3480	2900	•	•	13,10	0,1848
67654	**67651**	16 LED	2XL5	320mA	32	5280	4400	•		13,10	0,1848
67655	**67652**	16 LED	2XL5	450mA	45	7200	6000	•			
Tecnologia LED MD						*MD LED technology*					
67023	**67024**	24 LED	2XL5	350mA	26	4370	3640	•	•	13,10	0,1848
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
67029	**67030**	8 LED	2XL5	800mA	76	11295	9412	•	•	13,10	0,1848
67031	**67032**	8 LED	2XL5	1000mA	97	13730	11440	•	•	13,10	0,1848
Tecnologia LED Multichip (4X4mmq)						*Multichip LED technology (4X4mmq)*					

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I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

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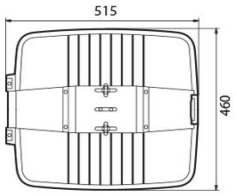
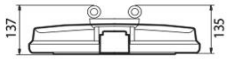
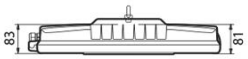
DOMINO WORK





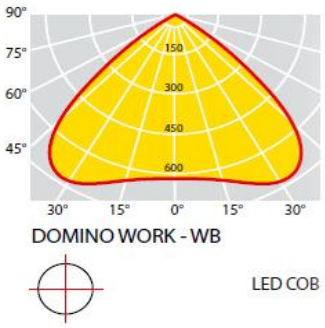


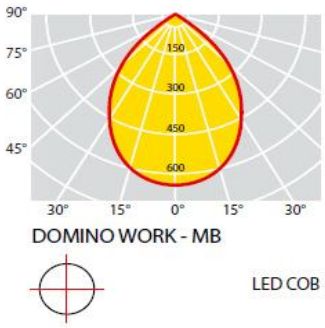
GENERAL SPECIFICATIONS	
Type	suspended projector
Applications	industrial and commercial areas
OPTIC SYSTEM	
Type	rotosymmetric
OPTIC WB	consists of hammered high purity aluminium (99,99%) high performance reflectors
	installation heights up to 14m
OPTIC MB	consists of hammered high purity aluminium (99,99%) high performance reflectors
	installation heights up to 20m
TECHNICAL SPECIFICATIONS	
Insulation class	CL I
Overall protection degree	IP66
Protection degree against external impacts	IK09
Color temperature	4000K
Color rendering index (CRI)	>80
Temperatura ambiente	35°C
Certifications	CE (ENEC for all the electric components)
Construction standards	EN 60598-1, EN 60598-2-3
Class of photobiological risk	Risk group exempt from this according to EN 62471
POWER SUPPLY SPECIFICATIONS	
Power supply	220 - 240V / 50 - 60 Hz VAC
Driver	High efficiency electronic power source and duration, intended for external use
	Programmable (P)
Sistema per il controllo a distanza	DALI or 1:10V (optional)
Fattore di correzione di potenza	> 0,9
Cable plate	complete with easily replaceable electronic unit with “Plug and Play” anti-inversion system
Power supply cable	through a PG 13,5 cable gland IP68
Protection against surges	in common mode: 10kV
	in differential mode: 6kV
MAINTAINED AVERAGE LUMINOUS FLUX - Ta 35°C	
L80 (hr)	> 80,000 hours
MATERIALS AND FITTINGS	
LED	LED COB Technology (Chip On Board) placed on an highly thermical heat-dissipating plate
Body and cover	in die-cast aluminium with wide cooling fins
Paint	coated in silver-colored polyester powders (RAL 9006). Black color (RAL 9005) on request
Gaskets	in anti-aging rubber
Glass	extra-clear tempered glass, 4mm thick, with aesthetic silver-colored serigraph (RAL 9006)
External screws	in stainless steel
MOUNTING SPECIFICATIONS	
Max weight	7,80 kg
Installation	with suspension eyebolts for installation with cables or chains
Installation height	5 ÷ 20 mt

DOMINO WORK

	CODE CL I	# LED	TYPE OF LED	OPTIC	W (LED + DRIVER)	EFFICIENCY Lm/W	NOMINAL FLUX (Lumen)	USEFUL OUTPUT	COLOR TEMPERATURE	CRI
P	53001	2	COB	WB	110	126	16050	13880	4000K	>80
P	53002	2	COB	MB	110	126	16050	13880	4000K	>80
P	53003	3	COB	WB	134	134	20850	17950	4000K	>80
P	53004	3	COB	MB	134	134	20850	17950	4000K	>80
P	53005	4	COB	WB	168	134	26150	22430	4000K	>80
P	53006	4	COB	MB	168	134	26150	22430	4000K	>80
P	53007	5	COB	WB	174	137	27650	23830	4000K	>80
P	53008	5	COB	MB	174	137	27650	23830	4000K	>80

PHOTOMETRIC DATA





Photometric data conforms to UNI EN 13032-1 e IES LM 79-08

***Multiplier to obtain the luminous fl ux according to the color temperature and color rendering index (CRI):**

Color temperature (K) and CRI	Multiplier
4000K - CRI > 80	1
5000K - CRI > 80	1,01
4000K - CRI > 70	1,05
5000K - CRI > 80	1,07

The flux values given in this data sheet are to be considered with a tolerance of +/- 10%
The wattages values given in this data sheet are to be considered with a tolerance of +/- 5%

GALAXY SHOW

GALAXY SHOW 450

GALAXY SHOW 560

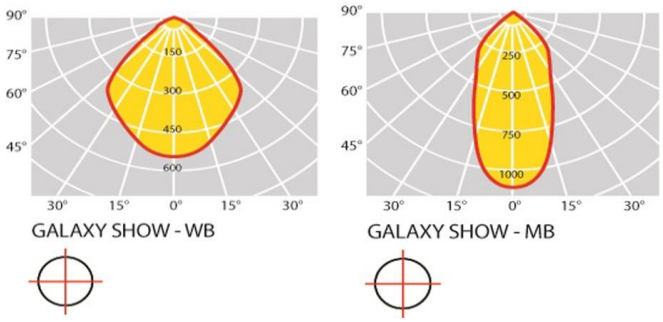
GALAXY SHOW SEMIREFRACTOR

CARACTERÍSTICAS GENERALES	
Tipo	Proyector a suspensión.
Aplicación	Industriales / Comerciales.
SISTEMA ÓPTICO	
Tipo	Rotosimétrica
ÓPTICA WB	reflectores internos en tecnopolímero blanco anti UV de alta reflectancia y durabilidad.
	para altura de montaje hasta 14m.
ÓPTICA MB	reflectores internos en tecnopolimeros metalizado al vacío de alta eficiencia y durabilidad.
	para altura de montaje hasta 20m.
CARACTERÍSTICAS TÉCNICAS	
Clase de aislamiento	CL I
Grado de protección	IP66
Grado de protección - impactos externos	IK08
Temperatura de color y Índice de rendimiento (CRI)	4000K-CRI>80 - 5000K-CRI>70
	tabla de conversión de flujo en la página 2.
Temperatura ambiente	GALAXY SHOW 450- SEMI: 50°C
	GALAXY SHOW 560: 35°C
Certificación	CE-ENEC
Normas constructivas	EN 60598-1, EN 60598-2-3
Clasificación del riesgo fotobiológico	Grupo exento de riesgos de acuerdo a la normativa EN 62471.
CARACTERÍSTICAS DE ALIMENTACIÓN	
Alimentación	220 - 240V / 50 - 60 Hz VAC
Alimentador	electrónico de elevada eficiencia y duración diseñado para uso externo.
	Programable (P).
Sistema de control de iluminación	DALI o 1:10V (opcionales)
Factor de corrección de potencia	> 0,9
Placa de cableado	equipada con una unidad electrónica fácilmente sustituible.
Cable de entrada	a través de prensaestopas PG 13,5 antigrietas IP68.
Protección a las sobretensiones	en modo común: 10kV;
	en modo diferencial: 6kV;
FLUJO MEDIO MANTENIDO - Medidos con una: Ta = 35°C	
L80 (hr)	> 80000
MATERIALES Y ACABADOS	
LED	Tecnología LED COB (Chip On Board) dispuesta en la placa de aluminio de alta disipación térmica.
Cuerpo - cubierta	en aluminio inyectado (EN AB 47100) con anchas aletas de enfriamento.
Barnizado	de polvo poliéster de color gris plata (RAL 9006).
Reflectores	de aluminio de alta pureza barnizados externamente en color gris plata (RAL 9006), internamente en color blanco (RAL 9016) con dos diámetros diferentes.
Banda - Versión con SEMIREFRACTOR	en material termoplástico especial de 178 mm.
Vidrio	templado extra claro 4 mm.
Guarniciones	de goma anti-envejecimiento.
Muelles de cierre	de acero inoxidable.
Tornillos externos	de acero inoxidable.

GALAXY SHOW 450

CÓDIGO	# LED	LED	DESCRIPTIÓN	ÓPTICA	W (LED + DRIVER)	EFICIENCIA Lm/W	FLUJO NOMINAL	FLUJO UTIL	TEMP.COLOR °K	CRI
P 59282	1	COB	GALAXY SHOW 450	WB	38	133	5900	5050	4000K	CRI >80
P 59283	1	COB	GALAXY SHOW 450	MB	38	133	5900	5050	4000K	CRI >80
P 59284	1	COB	GALAXY SHOW 450	WB	55	126	8200	6910	4000K	CRI >80
P 59286	1	COB	GALAXY SHOW 450	MB	55	126	8200	6910	4000K	CRI >80
P 59343	1	COB	GALAXY SHOW 450	WB	38	142	6300	5400	5000K	CRI >70
P 59344	1	COB	GALAXY SHOW 450	MB	38	142	6300	5400	5000K	CRI >70
P 59341	1	COB	GALAXY SHOW 450	WB	55	135	8800	7400	5000K	CRI >70
P 59342	1	COB	GALAXY SHOW 450	MB	55	135	8800	7400	5000K	CRI >70

CURVAS FOTOMÉTRICAS



Datos fotométricos medidos de acuerdo con la norma UNI EN 13032-1 e IES LM 79-08

DIMENSIONES

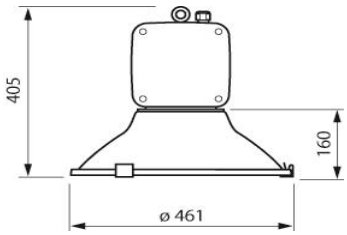


FIG.1 - GALAXY SHOW 450

MONTAJE Y DATOS DEL PROYECTOR	
Diámetro del reflector	461 mm
Peso Máximo	6,20 kg
Montaje	de suspensión con gancho.
Altura de montaje	3,50 ÷ 20 mt

***Multiplicador para obtener el flujo luminoso en función de la temperatura de color (k) y CRI:**

Temperatura de color (k) y CRI	Multiplicador
4000K - CRI > 80	1
5000K - CRI > 80	1,01
4000K - CRI > 70	1,05
5000K - CRI > 80	1,07

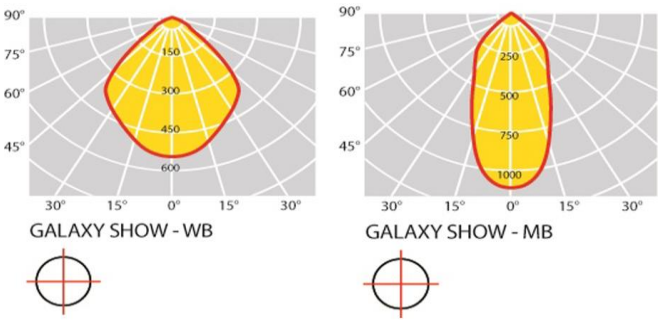
Los valores de flujo que figuran en esta ficha de datos deben ser considerados con una tolerancia de +/- 10%.

Los valores de potencia eléctrica que figuran en esta ficha de datos deben ser considerados con una tolerancia de +/- 5%.

GALAXY SHOW 560

	CÓDIGO	# LED	LED	DESCRIPTIÓN	ÓPTICA	W (LED + DRIVER)	EFICIENCIA Lm/W	FLUJO NOMINAL	FLUJO UTIL	TEMP.COLOR °K	CRI
P	59287	2	COB	GALAXY SHOW 560	WB	110	126	16050	13880	4000K	CRI >80
P	59288	2	COB	GALAXY SHOW 560	MB	110	126	16050	13880	4000K	CRI >80
P	59289	3	COB	GALAXY SHOW 560	WB	134	134	20850	17950	4000K	CRI >80
P	59290	3	COB	GALAXY SHOW 560	MB	134	134	20850	17950	4000K	CRI >80
P	59291	4	COB	GALAXY SHOW 560	WB	168	134	26150	22430	4000K	CRI >80
P	59292	4	COB	GALAXY SHOW 560	MB	168	134	26150	22430	4000K	CRI >80
P	59293	5	COB	GALAXY SHOW 560	WB	174	137	27650	23830	4000K	CRI >80
P	59294	5	COB	GALAXY SHOW 560	MB	174	137	27650	23830	4000K	CRI >80
P	59345	2	COB	GALAXY SHOW 560	WB	110	135	17200	14850	5000K	CRI >70
P	59346	2	COB	GALAXY SHOW 560	MB	110	135	17200	14850	5000K	CRI >70
P	59347	3	COB	GALAXY SHOW 560	WB	134	143	22300	19200	5000K	CRI >70
P	59348	3	COB	GALAXY SHOW 560	MB	134	143	22300	19200	5000K	CRI >70
P	59349	4	COB	GALAXY SHOW 560	WB	168	143	28000	24000	5000K	CRI >70
P	59350	4	COB	GALAXY SHOW 560	MB	168	143	28000	24000	5000K	CRI >70
P	59339	5	COB	GALAXY SHOW 560	WB	174	147	29600	25500	5000K	CRI >70
P	59340	5	COB	GALAXY SHOW 560	MB	174	147	29600	25500	5000K	CRI >70

CURVAS FOTOMÉTRICAS



Datos fotométricos medidos de acuerdo con la norma UNI EN 13032-1 e IES LM 79-08

DIMENSIONES

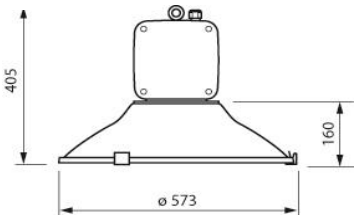


FIG.2 - GALAXY SHOW 560

MONTAJE Y DATOS DEL PROYECTOR	
Diámetro del reflector	573 mm
Peso Máximo	8,50 kg
Montaje	de suspensión con gancho.
Altura de montaje	4 ÷ 20 mt

***Multiplicador para obtener el flujo luminoso en función de la temperatura de color (k) y CRI:**

Temperatura de color (k) y CRI	Multiplicador
4000K - CRI > 80	1
5000K - CRI > 80	1,01
4000K - CRI > 70	1,05
5000K - CRI > 80	1,07

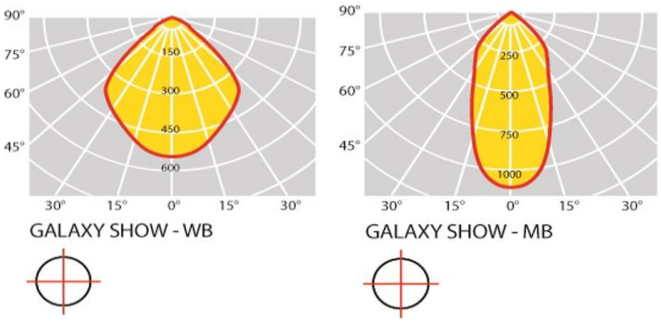
Los valores de flujo que figuran en esta ficha de datos deben ser considerados con una tolerancia de +/- 10%.

Los valores de potencia eléctrica que figuran en esta ficha de datos deben ser considerados con una tolerancia de +/- 5%.

GALAXY SHOW - SEMI

CÓDIGO	# LED	LED	DESCRIPTIÓN	ÓPTICA	W (LED + DRIVER)	EFICIENCIA Lm/W	FLUJO NOMINAL	FLUJO UTIL	TEMP.COLOR °K	CRI
P 59295	3	COB	GALAXY SHOW SEMI	WB	134	141	22000	18930	4000K	CRI >80
P 59296	3	COB	GALAXY SHOW SEMI	MB	134	141	22000	18930	4000K	CRI >80
P 59297	4	COB	GALAXY SHOW SEMI	WB	168	142	27750	23780	4000K	CRI >80
P 59298	4	COB	GALAXY SHOW SEMI	MB	168	142	27750	23780	4000K	CRI >80
P 59311	3	COB	GALAXY SHOW SEMI	WB	134	151	23600	20250	5000K	CRI >70
P 59312	3	COB	GALAXY SHOW SEMI	MB	134	151	23600	20250	5000K	CRI >70
P 59313	4	COB	GALAXY SHOW SEMI	WB	168	151	29700	25450	5000K	CRI >70
P 59314	4	COB	GALAXY SHOW SEMI	MB	168	151	29700	25450	5000K	CRI >70

CURVAS FOTOMÉTRICAS



Datos fotométricos medidos de acuerdo con la norma UNI EN 13032-1 e IES LM 79-08

DIMENSIONES

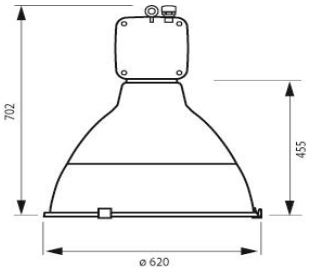


FIG.3 - GALAXY SHOW SEMIREFRACTOR

MONTAJE Y DATOS DEL PROYECTOR	
Diámetro del reflector	620 mm
Peso Máximo	13,00 kg
Montaje	de suspensión con gancho.
Altura de montaje	4 ÷ 20 mt

***Multiplicador para obtener el flujo luminoso en función de la temperatura de color (k) y CRI:**

Temperatura de color (k) y CRI	Multiplicador
4000K - CRI > 80	1
5000K - CRI > 80	1,01
4000K - CRI > 70	1,05
5000K - CRI > 80	1,07

Los valores de flujo que figuran en esta ficha de datos deben ser considerados con una tolerancia de +/- 10%.

Los valores de potencia eléctrica que figuran en esta ficha de datos deben ser considerados con una tolerancia de +/- 5%.

NEXT SERIES

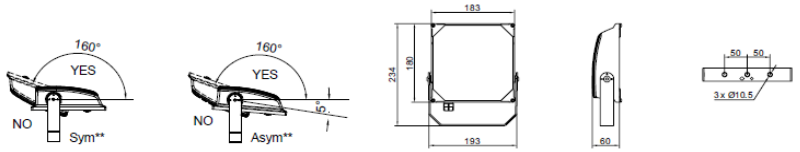
GENERAL SPECIFICATIONS	
Type	Floodlight
Application	Architectural, indoor and outdoor lighting, sport venues
MATERIALS AND FINISHES	
• Body and cover in die-cast aluminum with minimum EN 47100 title with low content copper and high resistance to atmospheric agents.	
• Coated in silver-colored polyester powders (RAL 9006) resistant to UV rays according to ASTM D4587:2011 standard and to corrosion according to EN ISO 9227:2017 - Salt spray tests, with a minimum duration of exposure of 2500 hours.	
• Pressure compensation filter in Teflon.	
• Gaskets in anti-aging rubber, removable.	
• Extra-clear tempered glass, 5 mm thick, with aesthetic silkscreen print in silver (RAL 9006).	
• Closure screws in stainless steel with TORX T20 imprint.	
• External screws in stainless steel.	
• Aluminum visor for asymmetrical version (from NEXT 2 to NEXT 8), painted in silver-colored polyester powders (RAL 9006).	
• For the adjustment of floodlight, the floodlight from NEXT 2 to NEXT 8 comes with aluminum lateral protractor scale. NEXT 0 and NEXT 1 versions are provided with notches on bracket and lateral scale on body.	
MECHANICAL CHARACTERISTICS	
• Apertura per l'accesso all'ottica e vano cablaggio in un'unica e semplice operazione agendo su due viti in acciaio inox.	
PROTECTION AGAINST SURGES	
• NEXT 0 and NEXT 1: up to 4kV in common mode and 2kV in differential mode.	
• From NEXT 2 to NEXT 8: up to 10kV in common mode and 6kV in differential mode.	
POWER SUPPLY CHARACTERISTICS	
• The power supply unit consisting of a programmable driver with a lifespan greater than 100,000h and only 10% of failure rate.	
• High efficiency electronic power source and duration, intended for external use.	
All versions are protected against overloads and surges to protect components and LEDs.	
• Power supply cable through a cable gland PG11 (NEXT 0), PG13 (from NEXT 1 to NEXT).	
• Power correction factor at full load > 0.9.	
• Power supply 220 - 240V / 50 - 60 Hz VAC.	
• 1-10V: analog dimming interface via 1-10V protocol.	
OPTIONS FOR LIGHT CONTROL	
• DALI 2: digital dimming interface via DALI 2 protocol.	

SERIE NEXT

INSTALLATION
• Apparecchi facilmente installabili su strutture metalliche o traverse grazie alla robusta staffa. Staffa in acciaio zincato e verniciata di colore silver (RAL 9006). Per le versioni NEXT 6 e NEXT 8 la staffa è in acciaio zincato a caldo.
• Rotazione proiettore ammessa: 0 - 360°.

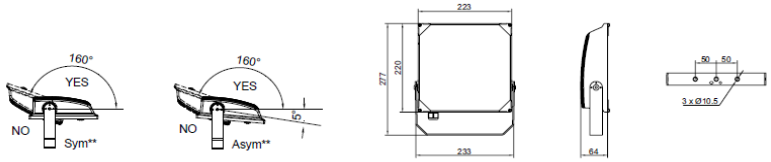
DIMENSIONS

NEXT 0



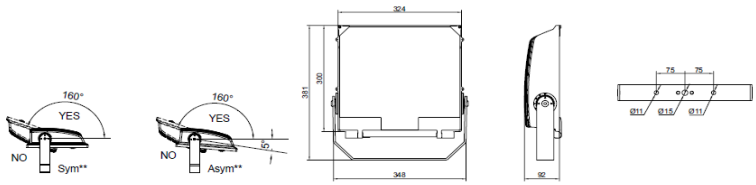
Max weight*	1,70 kg		
Exposed surface	tilt 0°	tilt 45°	tilt 90°
	lateral: 0,011 m2 front: 0,009 m2	lateral: 0,011 m2 front: 0,027 m2	lateral: 0,011 m2 front: 0,035 m2

NEXT 1



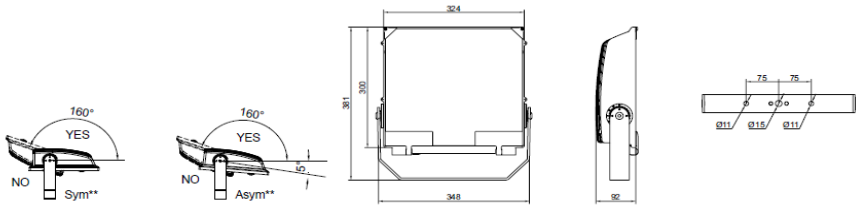
Max weight*	2,50 kg		
Exposed surface	tilt 0°	tilt 45°	tilt 90°
	laterale: 0,014 m2 front: 0,012 m2	laterale: 0,014 m2 front: 0,040 m2	laterale: 0,014 m2 front: 0,050 m2

NEXT 2



Max weight*	5,70 kg		
Exposed surface	tilt 0°	tilt 45°	tilt 90°
	lateral: 0,028 m2 front: 0,024 m2	lateral: 0,028 m2 front: 0,081 m2	lateral: 0,028 m2 front: 0,102 m2

NEXT 3



Max weight*	6,30 kg		
Exposed surface	tilt 0°	tilt 45°	tilt 90°
	lateral: 0,028 m2 front: 0,028 m2	lateral: 0,028 m2 front: 0,096 m2	lateral: 0,028 m2 front: 0,121 m2

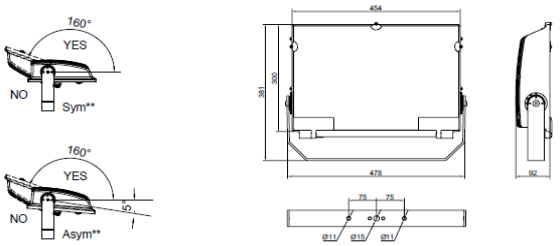
* Weight tolerance ± 5%

** Allowed functioning position

SERIE NEXT

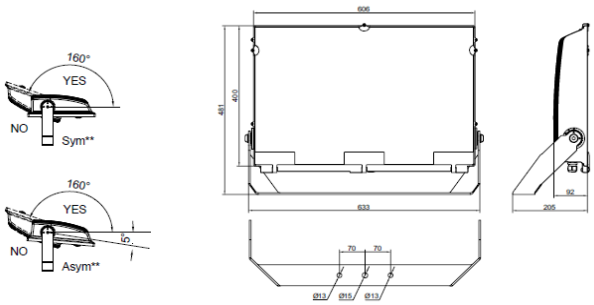
DIMENSIONS

NEXT 4



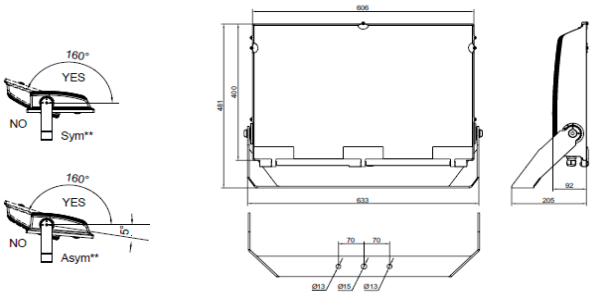
Max weight*	7,80 kg		
Exposed surface	tilt 0°	tilt 45°	tilt 90°
	lateral: 0,028 m^2 front: 0,033 m^2	lateral: 0,028 m^2 front: 0,113 m^2	lateral: 0,028 m^2 front: 0,143 m^2

NEXT 6



Max weight*	13,00 kg		
Exposed surface	tilt 0°	tilt 45°	tilt 90°
	lateral: 0,041 m^2 front: 0,076 m^2	lateral: 0,041 m^2 front: 0,194 m^2	lateral: 0,041 m^2 front: 0,253 m^2

NEXT 8



Max weight*	13,20 kg		
Exposed surface	tilt 0°	tilt 45°	tilt 90°
	lateral: 0,041 m^2 front: 0,076 m^2	lateral: 0,041 m^2 front: 0,194 m^2	lateral: 0,041 m^2 front: 0,253 m^2

* Weight tolerance ± 5%

** Allowed functioning position

SERIE NEXT

SYMMETRIC OPTIC SYSTEM CHARACTERISTICS
• PLUS optic: symmetric optic designed in-house in two different beams, in order to meet different illumination needs.
• The optic consists of high purity aluminum (99,99%) reflectors, with elevated reflectance and performance.
• Available optics: - MB optic - Medium beam: 2x26°; with specular finishing; [NEXT 0 e NEXT 1 solo ottica WB] - WB optic - Wide beam: 2x40°; with peened finishing.
• Optic group easily replaceable.
• Thermal dissipation system by means of cross-sectional cooling fins.
• LED Technology placed on aluminum body.
• Color temperature (tolerance +400K): 4000K - CRI >70 and 3000K - CRI >80.
• Other color temperatures and color rendering indexes are available on request. The table below shows the multipliers to obtain the luminous flux according to the color temperature and the color rendering index (CRI).
CIRCULAR OPTIC SYSTEM CHARACTERISTICS
• PLUS optic: circular optic designed in-house in two different beams, in order to meet different illumination needs.
• Optics C4 and C3: with metallized vacuum aluminium reflectors, with high efficiency and durability. [Available optics for NEXT 3/4/6/8].
• Optic group easily replaceable.
• Thermal dissipation system by means of cross-sectional cooling fins.
• LED Technology placed on aluminum body.
• Color temperature (tolerance +400K): 4000K - CRI >70 and 3000K - CRI >80.
• Other color temperatures and color rendering indexes are available on request. The table below shows the multipliers to obtain the luminous flux according to the color temperature and the color rendering index (CRI).
ASYMMETRIC OPTIC SYSTEM CHARACTERISTICS
• PLUS optic: asymmetric optic designed in-house in different beams in order to offer a solution that would meet different illumination needs.
• The optic consists of high purity aluminum (99,99%) reflectors, with elevated reflectance and performance.
• Available optics NEXT 0 and NEXT 1: - NEXT 0: maximum intensity: 35°. - NEXT 1: maximum intensity: 36°.
• Available optics from NEXT 2 to NEXT 8: - A1 optic: maximum intensity: 45°; with visor: 57°. - A2 optic: maximum intensity: 43°; with visor: 55°.
• Optic group easily replaceable.
• Thermal dissipation system by means of cross-sectional cooling fins.
• LED Technology placed on aluminum body.
• Color temperature (tolerance +400K): 4000K - CRI >70 and 3000K - CRI >80.
• Other color temperatures and color rendering indexes are available on request. The table below shows the multipliers to obtain the luminous flux according to the color temperature and the color rendering index (CRI).

MAINTENED AVERAGE LUMINOUS FLUX ACCORDING TO LM80 - TM21 STANDARDS	
>100.000 hr	L80B10
>50.000 hr	L90B10
Operating temperature for floodlights	-40°C ÷ +55°C

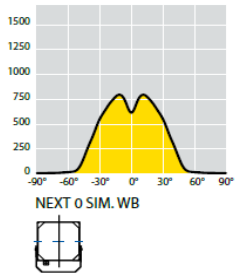
Colour temperature (°K) and CRI Multiplier			
3000K - CRI > 70	0,98	5000K - CRI > 70	1,02
3000K - CRI > 80	0,90	5000K - CRI > 80	0,96
4000K - CRI > 70	1,00	5700K - CRI > 80	0,96
4000K - CRI > 80	0,95	5700K - CRI > 90	0,80

SERIE NEXT

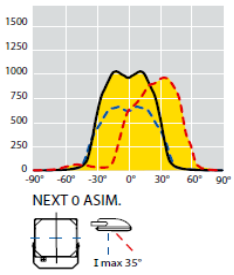
NEXT 0

NEXT 1

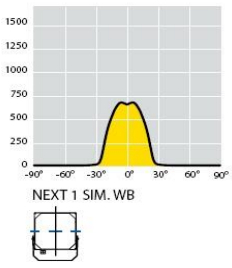
PHOTOMETRIC DATA



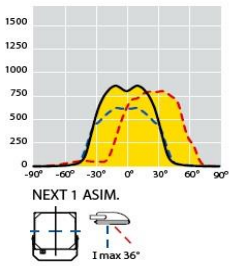
OTTICA / *OPTIC* WB



OTTICA / *OPTIC*: 35°



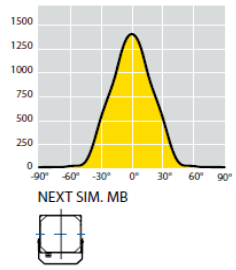
OTTICA / *OPTIC* WB



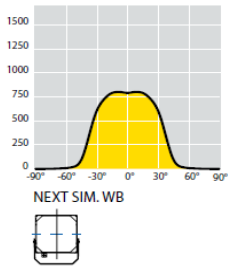
OTTICA / *OPTIC*: 36°

NEXT 2 / 3 / 4 / 6 / 8

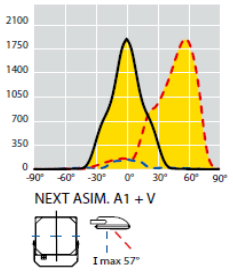
PHOTOMETRIC DATA



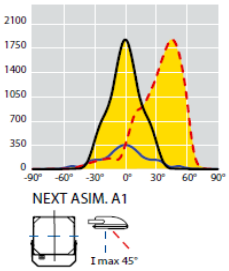
OTTICA / *OPTIC* MB



OTTICA / *OPTIC* WB



OTTICA / OPTIC A1 + VISIERA/*VISOR*



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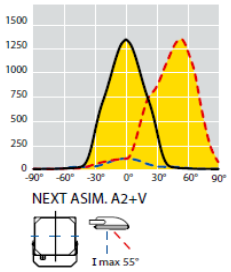
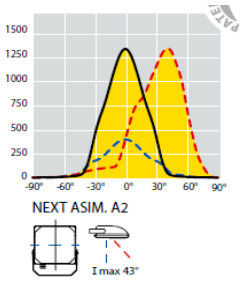


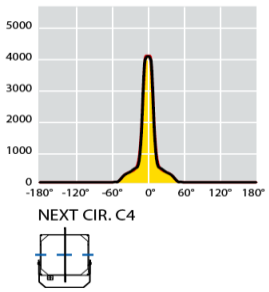
OTTICA / *OPTIC* A2 + VISIERA/*VISOR*

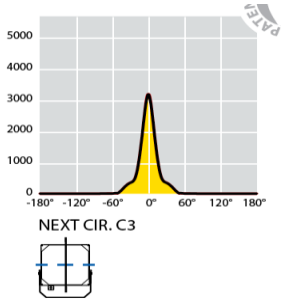


OTTICA / *OPTIC* A2

NEXT 3 / 4 / 6 / 8

PHOTOMETRIC DATA





OTTICA CIRCOLARE / *CIRCULAR OPTIC*

SERIE NEXT

PRODUCT CODES

Code	Model	Number of LED	Optic		Nominal flux LED (Lumen)	Useful output flux (Lumen)	Ambient temperature Ta 35°	Ambient temperature Ta 50°	Color Temp. / CRI	Gross Weight (kg)	
34001	NEXT 0	1 LED	SYM	WB	13	1900	1600	•	•	4000K / CRI 70	1,78	0,0060
34003	NEXT 0	1 LED	SYM	WB	19	2700	2200	•	•	4000K / CRI 70	1,78	0,0060
34005	NEXT 0	1 LED	SYM	WB	27	3600	3000	•		4000K / CRI 70	1,78	0,0060
34007	NEXT 0	1 LED	SYM	WB	32	4200	3500	•		4000K / CRI 70	1,78	0,0060
34201	NEXT 0	1 LED	SYM	WB	13	1700	1440	•	•	3000K / CRI 80	1,78	0,0060
34203	NEXT 0	1 LED	SYM	WB	19	2400	1980	•	•	3000K / CRI 80	1,78	0,0060
34205	NEXT 0	1 LED	SYM	WB	27	3200	2700	•		3000K / CRI 80	1,78	0,0060
34207	NEXT 0	1 LED	SYM	WB	32	3800	3150	•		3000K / CRI 80	1,78	0,0060
34057	NEXT 0	1 LED	ASY		13	1900	**1500**	•	•	4000K / CRI 70	1,78	0,0060
34059	NEXT 0	1 LED	ASY		19	2700	2100	•	•	4000K / CRI 70	1,78	0,0060
34061	NEXT 0	1 LED	ASY		27	3600	2850	•		4000K / CRI 70	1,78	0,0060
34063	NEXT 0	1 LED	ASY		32	4200	3300	•		4000K / CRI 70	1,78	0,0060
34283	NEXT 0	1 LED	ASY		13	1700	1350	•	•	3000K / CRI 80	1,78	0,0060
34285	NEXT 0	1 LED	ASY		19	2400	1890	•	•	3000K / CRI 80	1,78	0,0060
34287	NEXT 0	1 LED	ASY		27	3200	2565	•		3000K / CRI 80	1,78	0,0060
34289	NEXT 0	1 LED	ASY		32	3800	2970	•		3000K / CRI 80	1,78	0,0060
34009	NEXT 1	1 LED	SYM	WB	38	6400	5000	•		4000K / CRI 70	2,45	0,0079
34124	NEXT 1	1 LED	SYM	WB	42	7650	5900	•	•	4000K / CRI 70	2,45	0,0079
34015	NEXT 1	1 LED	SYM	WB	50	8800	6800	•		4000K / CRI 70	2,45	0,0079
34209	NEXT 1	1 LED	SYM	WB	38	5800	4500	•		3000K / CRI 80	2,45	0,0079
34221	NEXT 1	1 LED	SYM	WB	42	6900	5300	•	•	3000K / CRI 80	2,45	0,0079
34215	NEXT 1	1 LED	SYM	WB	50	7900	6120	•		3000K / CRI 80	2,45	0,0079
34065	NEXT 1	1 LED	ASY		38	6400	4750	•		4000K / CRI 70	2,45	0,0079
34150	NEXT 1	1 LED	ASY		42	7650	5600	•	•	4000K / CRI 70	2,45	0,0079
34071	NEXT 1	1 LED	ASY		50	8800	6500	•		4000K / CRI 70	2,45	0,0079
34291	NEXT 1	1 LED	ASY		38	5800	4300	•		3000K / CRI 80	2,45	0,0079
34303	NEXT 1	1 LED	ASY		42	6900	5050	•	•	3000K / CRI 80	2,45	0,0079
34297	NEXT 1	1 LED	ASY		50	7900	5850	•		3000K / CRI 80	2,45	0,0079
34021	NEXT 2	2 LED	SYM	WB	73	11300	9000	•	•	4000K / CRI 70	6,15	0,0150
34022	NEXT 2	2 LED	SYM	MB	73	11300	9000	•	•	4000K / CRI 70	6,15	0,0150
34025	NEXT 2	2 LED	SYM	WB	93	14000	11500	•		4000K / CRI 70	6,15	0,0150
34026	NEXT 2	2 LED	SYM	MB	93	14000	11500	•		4000K / CRI 70	6,15	0,0150
34029	NEXT 2	2 LED	SYM	WB	102	17000	14000	•	•	4000K / CRI 70	6,15	0,0150
34030	NEXT 2	2 LED	SYM	MB	102	17000	14000	•	•	4000K / CRI 70	6,15	0,0150
34033	NEXT 2	2 LED	SYM	WB	130	22000	17500	•		4000K / CRI 70	6,15	0,0150
34034	NEXT 2	2 LED	SYM	MB	130	22000	17500	•		4000K / CRI 70	6,15	0,0150
34227	NEXT 2	2 LED	SYM	WB	73	10200	8100	•	•	3000K / CRI 80	6,15	0,0150
34228	NEXT 2	2 LED	SYM	MB	73	10200	8100	•	•	3000K / CRI 80	6,15	0,0150
34231	NEXT 2	2 LED	SYM	WB	93	12600	10350	•		3000K / CRI 80	6,15	0,0150
34232	NEXT 2	2 LED	SYM	MB	93	12600	10350	•		3000K / CRI 80	6,15	0,0150
34235	NEXT 2	2 LED	SYM	WB	102	15300	12600	•	•	3000K / CRI 80	6,15	0,0150
34236	NEXT 2	2 LED	SYM	MB	102	15300	12600	•	•	3000K / CRI 80	6,15	0,0150
34239	NEXT 2	2 LED	SYM	WB	130	19800	15750	•		3000K / CRI 80	6,15	0,0150
34240	NEXT 2	2 LED	SYM	MB	130	19800	15750	•		3000K / CRI 80	6,15	0,0150
34077	NEXT 2	2 LED	ASY		73	11300	8600	•	•	4000K / CRI 70	6,15	0,0150
34078	NEXT 2	2 LED	ASY		73	11300	8600	•	•	4000K / CRI 70	6,15	0,0150
34081	NEXT 2	2 LED	ASY		93	14000	10800	•		4000K / CRI 70	6,15	0,0150
34082	NEXT 2	2 LED	ASY		93	14000	10800	•		4000K / CRI 70	6,15	0,0150
34109	NEXT 2	2 LED	ASY		102	17000	14000	•	•	4000K / CRI 70	6,15	0,0150
34110	NEXT 2	2 LED	ASY		102	17000	14000	•	•	4000K / CRI 70	6,15	0,0150
34085	NEXT 2	2 LED	ASY		130	22000	17000	•		4000K / CRI 70	6,15	0,0150
34086	NEXT 2	2 LED	ASY		130	22000	17000	•		4000K / CRI 70	6,15	0,0150
34309	NEXT 2	2 LED	ASY		73	10200	7740	•	•	3000K / CRI 80	6,15	0,0150
34310	NEXT 2	2 LED	ASY		73	10200	7740	•	•	3000K / CRI 80	6,15	0,0150
34313	NEXT 2	2 LED	ASY		93	12600	9720	•		3000K / CRI 80	6,15	0,0150
34314	NEXT 2	2 LED	ASY		93	12600	9720	•		3000K / CRI 80	6,15	0,0150
34317	NEXT 2	2 LED	ASY		102	15300	12600	•	•	3000K / CRI 80	6,15	0,0150
34318	NEXT 2	2 LED	ASY		102	15300	12600	•	•	3000K / CRI 80	6,15	0,0150
34321	NEXT 2	2 LED	ASY		130	19800	15300	•		3000K / CRI 80	6,15	0,0150
34322	NEXT 2	2 LED	ASY		130	19800	15300	•		3000K / CRI 80	6,15	0,0150

Flux Tolerance: ± 10%
Watts tolerance: ±5%

SERIE NEXT

PRODUCT CODES

CURVE FOTOMETRICHE												
Codice Code	Modello Model	Numero di LED Number of LED	Ottica Optic	W (LED+DRIVER)	Flusso luminoso nominale LED Nominal flux LED (Lumen)	Flusso utile in uscita Useful output flux (Lumen)	Temperatura Ambiente Ambient temperature Ta 35°	 Ta 50°	Temp. Colore / CRI Color Temp. / CRI	Peso lordo Gross Weight (kg)	Vol. (m3)
34130	NEXT 3	3 LED	SYM WB	130	23000	18600	•	•	4000K / CRI 70	6,80	0,0172
34131	NEXT 3	3 LED	SYM MB	130	23000	18600	•	•	4000K / CRI 70	6,80	0,0172
34037	NEXT 3	3 LED	SYM WB	162	28000	22400	•		4000K / CRI 70	6,80	0,0172
34038	NEXT 3	3 LED	SYM MB	162	28000	22400	•		4000K / CRI 70	6,80	0,0172
34796	NEXT 3	3 LED	CIR C4	130	23000	19700	•	•	4000K / CRI 70	6,80	0,0172
34797	NEXT 3	3 LED	CIR C3	130	23000	19700	•	•	4000K / CRI 70	6,80	0,0172
34792	NEXT 3	3 LED	CIR C4	162	28000	23850	•		4000K / CRI 70	6,80	0,0172
34793	NEXT 3	3 LED	CIR C3	162	28000	23850	•		4000K / CRI 70	6,80	0,0172
34247	NEXT 3	3 LED	SYM WB	130	20700	16740	•	•	3000K / CRI 80	6,80	0,0172
34248	NEXT 3	3 LED	SYM MB	130	20700	16740	•	•	3000K / CRI 80	6,80	0,0172
34243	NEXT 3	3 LED	SYM WB	162	25200	20160	•		3000K / CRI 80	6,80	0,0172
34244	NEXT 3	3 LED	SYM MB	162	25200	20160	•		3000K / CRI 80	6,80	0,0172
34844	NEXT 3	3 LED	CIR C4	130	20700	17750	•	•	3000K / CRI 80	6,80	0,0172
34845	NEXT 3	3 LED	CIR C3	130	20700	17750	•	•	3000K / CRI 80	6,80	0,0172
34840	NEXT 3	3 LED	CIR C4	162	25200	21500	•		3000K / CRI 80	6,80	0,0172
34841	NEXT 3	3 LED	CIR C3	162	25200	21500	•		3000K / CRI 80	6,80	0,0172
34113	NEXT 3	3 LED	ASY A2	130	23000	18000	•	•	4000K / CRI 70	6,80	0,0172
34114	NEXT 3	3 LED	ASY A1	130	23000	18000	•	•	4000K / CRI 70	6,80	0,0172
34089	NEXT 3	3 LED	ASY A2	162	28000	21800	•		4000K / CRI 70	6,80	0,0172
34090	NEXT 3	3 LED	ASY A1	162	28000	21800	•		4000K / CRI 70	6,80	0,0172
34325	NEXT 3	3 LED	ASY A2	130	20700	16200	•	•	3000K / CRI 80	6,80	0,0172
34326	NEXT 3	3 LED	ASY A1	130	20700	16200	•	•	3000K / CRI 80	6,80	0,0172
34329	NEXT 3	3 LED	ASY A2	162	25200	19620	•		3000K / CRI 80	6,80	0,0172
34330	NEXT 3	3 LED	ASY A1	162	25200	19620	•		3000K / CRI 80	6,80	0,0172
34134	NEXT 4	4 LED	SYM WB	148	26700	21100	•	•	4000K / CRI 70	8,50	0,0206
34135	NEXT 4	4 LED	SYM MB	148	26700	21100	•	•	4000K / CRI 70	8,50	0,0206
34041	NEXT 4	4 LED	SYM WB	192	33000	26100	•		4000K / CRI 70	8,50	0,0206
34042	NEXT 4	4 LED	SYM MB	192	33000	26100	•		4000K / CRI 70	8,50	0,0206
34804	NEXT 4	4 LED	CIR C4	148	26700	22400	•	•	4000K / CRI 70	8,50	0,0206
34805	NEXT 4	4 LED	CIR C3	148	26700	22400	•	•	4000K / CRI 70	8,50	0,0206
34800	NEXT 4	4 LED	CIR C4	192	33000	27700	•		4000K / CRI 70	8,50	0,0206
34801	NEXT 4	4 LED	CIR C3	192	33000	27700	•		4000K / CRI 70	8,50	0,0206
34255	NEXT 4	4 LED	SYM WB	148	24000	19000	•	•	3000K / CRI 80	8,50	0,0206
34256	NEXT 4	4 LED	SYM MB	148	24000	19000	•	•	3000K / CRI 80	8,50	0,0206
34251	NEXT 4	4 LED	SYM WB	192	29700	23500	•		3000K / CRI 80	8,50	0,0206
34252	NEXT 4	4 LED	SYM MB	192	29700	23500	•		3000K / CRI 80	8,50	0,0206
34852	NEXT 4	4 LED	CIR C4	148	24000	20200	•	•	3000K / CRI 80	8,50	0,0206
34853	NEXT 4	4 LED	CIR C3	148	24000	20200	•	•	3000K / CRI 80	8,50	0,0206
34848	NEXT 4	4 LED	CIR C4	192	29700	24950	•		3000K / CRI 80	8,50	0,0206
34849	NEXT 4	4 LED	CIR C3	192	29700	24950	•		3000K / CRI 80	8,50	0,0206
34156	NEXT 4	4 LED	ASY A2	148	26700	20500	•	•	4000K / CRI 70	8,50	0,0206
34157	NEXT 4	4 LED	ASY A1	148	26700	20500	•	•	4000K / CRI 70	8,50	0,0206
34093	NEXT 4	4 LED	ASY A2	192	33000	25400	•		4000K / CRI 70	8,50	0,0206
34094	NEXT 4	4 LED	ASY A1	192	33000	25400	•		4000K / CRI 70	8,50	0,0206
34337	NEXT 4	4 LED	ASY A2	148	24000	18450	•	•	3000K / CRI 80	8,50	0,0206
34338	NEXT 4	4 LED	ASY A1	148	24000	18450	•	•	3000K / CRI 80	8,50	0,0206
34333	NEXT 4	4 LED	ASY A2	192	29700	22900	•		3000K / CRI 80	8,50	0,0206
34334	NEXT 4	4 LED	ASY A1	192	29700	22900	•		3000K / CRI 80	8,50	0,0206

Flux Tolerance: ± 10%
Watts tolerance: ±5%

SERIE NEXT

PRODUCT CODES

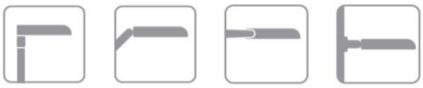
CURVE FOTOMETRICHE												
Codice	**Modello**	**Numero di LED**	**Ottica**	**W (LED+DRIVER)**	**Flusso luminoso nominale LED**	**Flusso utile in uscita**	**Temperatura Ambiente**		**Temp. Colore / CRI**	**Peso lordo**	**Vol. (m3)**
Code	***Model***	***Number of LED***	***Optic***		***Nominal flux LED (Lumen)***	***Useful output flux (Lumen)***	***Ambient temperature***		***Color Temp. / CRI***	***Gross Weight (kg)***	
							Ta 35°	**Ta 50°**			
34138	NEXT 6	6 LED	SYM WB	174	31300	24600	•	•	4000K / CRI 70	14,00	0,0458
34139	NEXT 6	6 LED	SYM MB	174	31300	24600	•	•	4000K / CRI 70	14,00	0,0458
34045	NEXT 6	6 LED	SYM WB	219	37000	29500	•		4000K / CRI 70	14,00	0,0458
34046	NEXT 6	6 LED	SYM MB	219	37000	29500	•		4000K / CRI 70	14,00	0,0458
34142	NEXT 6	6 LED	SYM WB	250	47300	37200	•	•	4000K / CRI 70	14,00	0,0458
34143	NEXT 6	6 LED	SYM MB	250	47300	37200	•	•	4000K / CRI 70	14,00	0,0458
34049	NEXT 6	6 LED	SYM WB	316	57000	44800	•		4000K / CRI 70	14,00	0,0458
34050	NEXT 6	6 LED	SYM MB	316	57000	44800	•		4000K / CRI 70	14,00	0,0458
34812	NEXT 6	6 LED	CIR C4	250	50100	39500	•	•	4000K / CRI 70	14,00	0,0458
34813	NEXT 6	6 LED	CIR C3	250	50100	39500	•	•	4000K / CRI 70	14,00	0,0458
34808	NEXT 6	6 LED	CIR C4	316	60300	47500	•		4000K / CRI 70	14,00	0,0458
34809	NEXT 6	6 LED	CIR C3	316	60300	47500	•		4000K / CRI 70	14,00	0,0458
34263	NEXT 6	6 LED	SYM WB	171	28150	22150	•	•	3000K / CRI 80	14,00	0,0458
34264	NEXT 6	6 LED	SYM MB	174	28150	22150	•	•	3000K / CRI 80	14,00	0,0458
34259	NEXT 6	6 LED	SYM WB	219	33300	26550	•		3000K / CRI 80	14,00	0,0458
34260	NEXT 6	6 LED	SYM MB	219	33300	26550	•		3000K / CRI 80	14,00	0,0458
34271	NEXT 6	6 LED	SYM WB	250	42600	33500	•	•	3000K / CRI 80	14,00	0,0458
34272	NEXT 6	6 LED	SYM MB	250	42600	33500	•	•	3000K / CRI 80	14,00	0,0458
34267	NEXT 6	6 LED	SYM WB	316	51300	40300	•		3000K / CRI 80	14,00	0,0458
34268	NEXT 6	6 LED	SYM MB	316	51300	40300	•		3000K / CRI 80	14,00	0,0458
34860	NEXT 6	6 LED	CIR C4	250	45100	35550	•	•	3000K / CRI 80	14,00	0,0458
34861	NEXT 6	6 LED	CIR C3	250	45100	35550	•	•	3000K / CRI 80	14,00	0,0458
34856	NEXT 6	6 LED	CIR C4	316	54300	42750	•		3000K / CRI 80	14,00	0,0458
34857	NEXT 6	6 LED	CIR C3	316	54300	42750	•		3000K / CRI 80	14,00	0,0458
34160	NEXT 6	6 LED	ASY A2	174	31300	23300	•	•	4000K / CRI 70	14,00	0,0458
34161	NEXT 6	6 LED	ASY A1	174	31300	23300	•	•	4000K / CRI 70	14,00	0,0458
34164	NEXT 6	6 LED	ASY A2	204	38000	29000	•	•	4000K / CRI 70	14,00	0,0458
34165	NEXT 6	6 LED	ASY A1	204	38000	29000	•	•	4000K / CRI 70	14,00	0,0458
34097	NEXT 6	6 LED	ASY A2	219	37000	28000	•		4000K / CRI 70	14,00	0,0458
34098	NEXT 6	6 LED	ASY A1	219	37000	28000	•		4000K / CRI 70	14,00	0,0458
34101	NEXT 6	6 LED	ASY A2	270	48000	36500	•		4000K / CRI 70	14,00	0,0458
34102	NEXT 6	6 LED	ASY A1	270	48000	36500	•		4000K / CRI 70	14,00	0,0458
34345	NEXT 6	6 LED	ASY A2	174	28150	21000	•	•	3000K / CRI 80	14,00	0,0458
34346	NEXT 6	6 LED	ASY A1	174	28150	21000	•	•	3000K / CRI 80	14,00	0,0458
34353	NEXT 6	6 LED	ASY A2	204	34200	26100	•	•	3000K / CRI 80	14,00	0,0458
34354	NEXT 6	6 LED	ASY A1	204	34200	26100	•	•	3000K / CRI 80	14,00	0,0458
34341	NEXT 6	6 LED	ASY A2	219	33300	25200	•		3000K / CRI 80	14,00	0,0458
34342	NEXT 6	6 LED	ASY A1	219	33300	25200	•		3000K / CRI 80	14,00	0,0458
34349	NEXT 6	6 LED	ASY A2	270	43200	32850	•		3000K / CRI 80	14,00	0,0458
34350	NEXT 6	6 LED	ASY A1	270	43200	32850	•		3000K / CRI 80	14,00	0,0458
34146	NEXT 8	8 LED	SYM WB	312	58800	47400	•	•	4000K / CRI 70	14,20	0,0458
34147	NEXT 8	8 LED	SYM MB	312	58800	47400	•	•	4000K / CRI 70	14,20	0,0458
34053	NEXT 8	8 LED	SYM WB	400	73000	58000	•		4000K / CRI 70	14,20	0,0458
34054	NEXT 8	8 LED	SYM MB	400	73000	58000	•		4000K / CRI 70	14,20	0,0458
34820	NEXT 8	8 LED	CIR C4	312	58800	50200	•	•	4000K / CRI 70	14,20	0,0458
34821	NEXT 8	8 LED	CIR C3	312	58800	50200	•	•	4000K / CRI 70	14,20	0,0458
34816	NEXT 8	8 LED	CIR C4	400	73000	61500	•		4000K / CRI 70	14,20	0,0458
34817	NEXT 8	8 LED	CIR C3	400	73000	61500	•		4000K / CRI 70	14,20	0,0458
34279	NEXT 8	8 LED	SYM WB	312	52900	42700	•	•	3000K / CRI 80	14,20	0,0458
34280	NEXT 8	8 LED	SYM MB	312	52900	42700	•	•	3000K / CRI 80	14,20	0,0458
34275	NEXT 8	8 LED	SYM WB	400	65700	52200	•		3000K / CRI 80	14,20	0,0458
34276	NEXT 8	8 LED	SYM MB	400	65700	52200	•		3000K / CRI 80	14,20	0,0458
34868	NEXT 8	8 LED	CIR C4	312	52900	45200	•	•	3000K / CRI 80	14,20	0,0458
34869	NEXT 8	8 LED	CIR C3	312	52900	45200	•	•	3000K / CRI 80	14,20	0,0458
34864	NEXT 8	8 LED	CIR C4	400	65700	55350	•		3000K / CRI 80	14,20	0,0458
34865	NEXT 8	8 LED	CIR C3	400	65700	55350	•		3000K / CRI 80	14,20	0,0458
34168	NEXT 8	8 LED	ASY A2	270	51200	39600	•	•	4000K / CRI 70	14,20	0,0458
34169	NEXT 8	8 LED	ASY A1	270	51200	39600	•	•	4000K / CRI 70	14,20	0,0458
34105	NEXT 8	8 LED	ASY A2	334	61000	47200	•		4000K / CRI 70	14,20	0,0458
34106	NEXT 8	8 LED	ASY A1	334	61000	47200	•		4000K / CRI 70	14,20	0,0458
34361	NEXT 8	8 LED	ASY A2	270	46100	35650	•	•	3000K / CRI 80	14,20	0,0458
34362	NEXT 8	8 LED	ASY A1	270	46100	35650	•	•	3000K / CRI 80	14,20	0,0458
34357	NEXT 8	8 LED	ASY A2	334	55000	42500	•		3000K / CRI 80	14,20	0,0458
34358	NEXT 8	8 LED	ASY A1	334	55000	42500	•		3000K / CRI 80	14,20	0,0458

Flux Tolerance: ± 10%
Watts tolerance: ±5%

PROXIMO SERIES

GENERAL SPECIFICATIONS	
Type	Streetlights
Applications	Suitable for large and high-speed roadways.
MATERIALS AND FINISHES	
• Body and cover in die-cast aluminum with minimum EN 47100 title with low content copper and high resistance to atmospheric agents.	
• Upper cover with cross-sectional cooling fins with highly aesthetic aspect.	
• Coated in silver-colored polyester powders (RAL 9006) resistant to UV rays according to ASTM D4587:2011 standard and to corrosion according to EN ISO 9227:2017 - Salt spray tests, with a minimum duration of exposure of 2500 hours.	
• Rear cover for closing the attachment compartment pole in high resistance plastic material.	
• Pressure compensation filter in Teflon.	
• Gaskets in anti-aging rubber, removable.	
• Extra-clear tempered safety glass protection screen, 4mm thick.	
• Stainless steel external captive screws.	
• Stainless steel closure clip.	
MECHANICAL CHARACTERISTICS	
• Replacement of the entire LED module including the upper cover.	
• Opening provides access to optics and cable box in a single, easy step by using the quick release clip in stainless steel, without using additional tools.	
• To prevent accidental closure of the cover during assembly and maintenance, the device is equipped with an automatic anti-closing mechanism.	
PROTECTION AGAINST SURGES	
• CL I: up to 10kV both common and differential mode.	
• CL II: up to 10 kV common mode, differential mode 6kV. On request it is possible to reach 10kV also in differential mode with SPD connected between phase and neutral.	
POWER SUPPLY CHARACTERISTICS	
• Power supply unit consisting of a programmable driver with a lifespan greater than 100,000h.	
• Electronic power supply with integrated thermal protection with high efficiency and durability intended for external use.	
All versions are protected against overloads and surges to protect components and LEDs.	
• The system, both in CL I and in CL II, is equipped with a knife switch to interrupt the power supply at the device's opening.	
• The power supply cable accesses the device through a PG 16 cable gland (IP68).	
• Power correction factor at full load > 0.9.	
• Power supply 220 - 240V / 50 - 60 Hz VAC.	
• Cable plate complete with easily replaceable electronic unit.	
• 1-10V: analog dimming interface via 1-10V protocol.	
OPTIONS FOR LIGHT CONTROL	
• Automatic dimming through virtual midnight system with customized profiles according to specific needs.	
• CLO functionality: the driver can be programmed to gradually increase the level of drive current fed to the LEDs in order to compensate their physiological lifespan reduction.	
• Astronomical clock: this function the system to be switched on and off according to certain preset time slots.	
• DALI 2: digital dimming interface via DALI 2 protocol.	
• Adjustment of the luminous flux through conveyed waves.	
• Main voltage dimming: this function allows the variation of the luminous flux by acting on the variation of the power supply voltage supplied by the control panel of the lighting system.	
• NEMA SOCKET: 7 pins (ANSI C136.41).	
• ZHAGA SOCKET: 4 pins (ZHAGA Book 18).	

PROXIMO SERIES

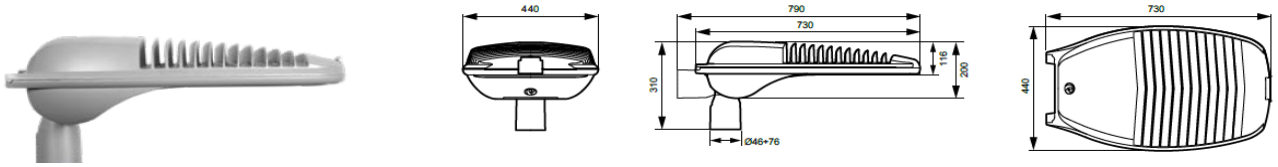


INSTALLATION
• Adjust pole mounting system in die cast aluminium.

	PROXIMO	PROXIMO CITY	PROXIMO WAY
Pole diameter	Ø 46 mm ÷ 76 mm	Ø 46 mm ÷ 76 mm	Ø 46 mm ÷ 60 mm
Installation on straight pole	0°, +5°, +10°, +15°, +20°	from 0 ° to +20 ° with constant pitch of 2.5°	
Side entry installation	Fixing device pole to bring the tilt luminaire at 0° in case of side entry installation with tilt of 5°, 10°, 15° and 20°		
Installation height	4 ÷ 30 m	4 ÷ 20 m	4 ÷ 16 m

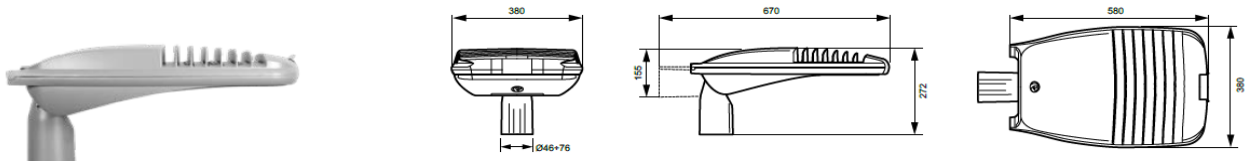
DIMENSIONS

PROXIMO



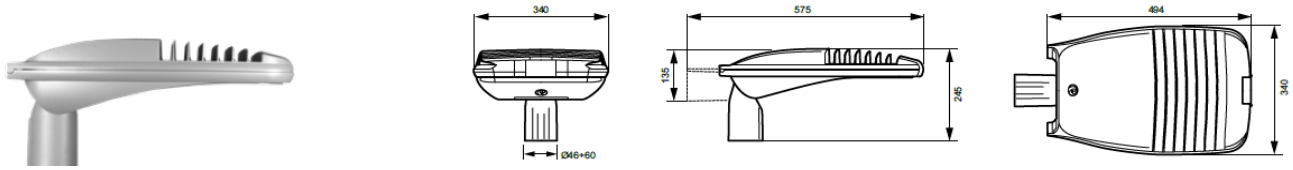
Max weight*	14,90 kg	
Wind exposed surface with tilt 0°	lateral: 0,094 m^2	front: 0,083 m^2

PROXIMO CITY



Max weight*	10,00 kg	
Wind exposed surface with tilt 0°	lateral: 0,064 m^2	front: 0,061 m^2

PROXIMO WAY



Max weight*	6,00 kg	
Wind exposed surface with tilt 0°	lateral: 0,039 m^2	front: 0,041 m^2

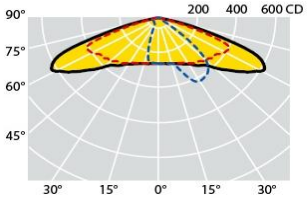
* Weight tolerance ± 5%

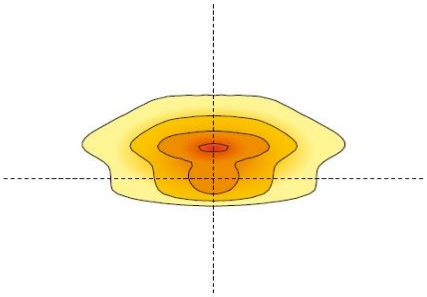
PROXIMO SERIES

OPTICAL SYSTEM CHARACTERISTICS	
• SAFEWAY® optic system: refraction / reflection system and refraction system.	
• Optic group easily replaceable.	
• Multi-die, Singlechip e Multichip LED Technology on a pressed aluminum circuit, highly dissipating MCPCB (Metal Core Printed Circuit Board).	
• Thermal dissipation system by means of cross-sectional cooling fins.	
• Color temperature: 4000K - CRI>70. The streetlights are available on request also with color temperatures between 2700 and 5700K.	
MAINTENED AVERAGE LUMINOUS FLUX ACCORDING TO LM80 - TM21 STANDARDS	
>100,000 hr	L90B10
Operating temperature	-40°C ÷ +55°C
REFRACTION/REFLECTION OPTIC SYSTEM	
AB1 OPTIC:	Street optic normally used for all street illumination categories, especially when the relation between the installation height and the carriage width is greater than 0.85. This optic solves roads with a relationship between the poles distance and the installation height even higher than 4.
L10 OPTIC:	Street optic normally used for all categories lighting, especially when the installation height and the carriage width ratio is considerably greater than 1. Thanks to the Safeway patented optical system, which uses the possibility of tilting the reflectors with different inclinations, with this optic is possible to light wide frontal areas, resolving broad carriageways, roads with multiple lanes, parking spaces and very deep squares.
W2 OPTIC:	Street optic normally used for all categories lighting, especially when the installation height and the carriage width ratio is considerably greater than 0.85. The W2 optic features a notable back-flow that allows to solve installations with outreaches.
REFRACTION OPTIC SYSTEM	
S OPTIC:	Street optic normally used for lighting categories up to M3. This optic is particularly suitable for situations where the installation height and the width of the carriageway ratio is less than 1. It is also appropriate for roads with very high interdistances and an interdistance / installation height ratio greater than 5.
V OPTIC:	Street optic normally used for lighting categories up to M3. This optic is particularly suitable for situations where the installation height and the width of the carriageway ratio is less than 1.

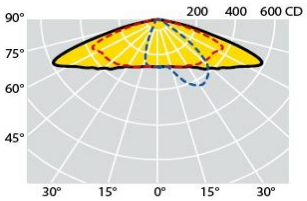
PROXIMO - AB1

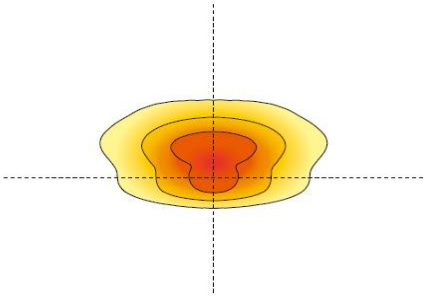
PHOTOMETRIC DATA





C max = 20°
LED 2mmq





C max = 15°
LED 4x4mmq

PRODUCT CODES

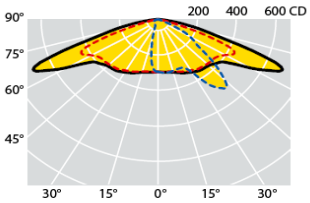
Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
44501	**44701**	49 LED	AB1	530mA	81	14500	12080	•	•	16,60	0,0772
44502	**44702**	49 LED	AB1	700mA	106	17880	14900	•		16,60	0,0772
44503	**44703**	56 LED	AB1	530mA	90	16140	13450	•	•	16,60	0,0772
44504	**44704**	56 LED	AB1	700mA	120	19930	16610	•		16,60	0,0772
44505	**44705**	63 LED	AB1	530mA	105	18085	15070	•	•	16,70	0,0772
44506	**44706**	63 LED	AB1	700mA	135	22320	18600	•		16,70	0,0772
44507	**44707**	70 LED	AB1	530mA	117	19920	16600	•	•	16,80	0,0772
44508	**44708**	70 LED	AB1	700mA	148	24100	20080	•		16,80	0,0772
44509	**44709**	77 LED	AB1	530mA	125	21520	17930	•	•	16,80	0,0772
44510	**44710**	77 LED	AB1	700mA	166	26800	22330	•		16,80	0,0772
44517	**44717**	84 LED	AB1	530mA	135	23400	19470	•	•	16,80	0,0772
44518	**44718**	84 LED	AB1	700mA	182	29110	24260	•		16,80	0,0772
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
57001	**57110**	20 LED	AB1	700mA	168	28560	23800	•	•	16,80	0,0772
44574	**44575**	20 LED	AB1	800mA	192	32460	27050	•	•	16,80	0,0772
57002	**57111**	20 LED	AB1	900mA	216	34560	28800	•		16,80	0,0772
44576	**44577**	20 LED	AB1	1000mA	240	38160	31800	•		16,80	0,0772
44578	**44579**	24 LED	AB1	800mA	230	38160	31800	•	•	16,80	0,0772
57003	**57112**	24 LED	AB1	900mA	259	40560	33800	•		16,80	0,0772
44580	**44581**	24 LED	AB1	1000mA	288	44930	37440	•		16,80	0,0772
44589	**44590**	28 LED	AB1	700mA	235	37800	32000	•	•	17,20	0,0772
44582	**44583**	28 LED	AB1	800mA	268	43080	36400	•	•	17,20	0,0772
57004	**57113**	28 LED	AB1	900mA	301	46200	39300	•		17,20	0,0772
44584	**44585**	28 LED	AB1	1000mA	335	52260	43550	•		17,20	0,0772
Tecnologia LED Multichip (4X4mmq)						*Multichip LED technology (4X4mmq)*					

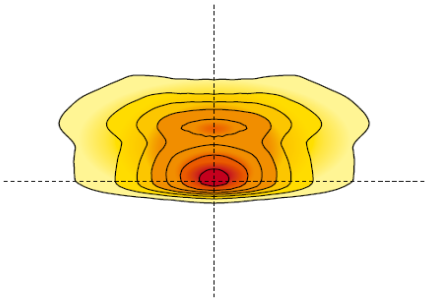
I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

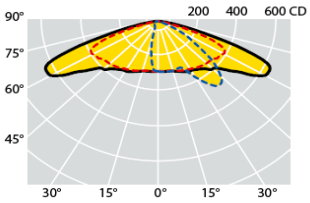
PROXIMO - L10

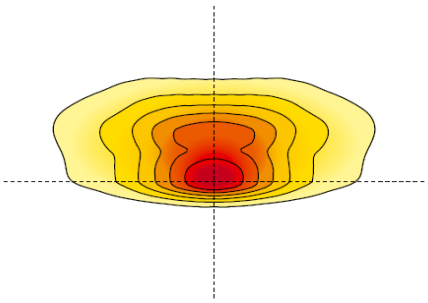
PHOTOMETRIC DATA





C max = 30°
LED 2mmq





C max = 25°
LED 4x4mmq

PRODUCT CODES

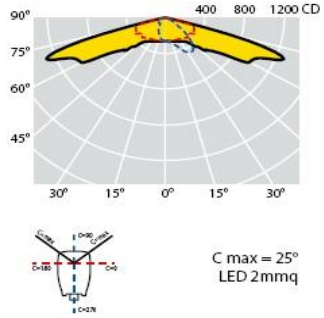
Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
57032	**57141**	49 LED	L10	530mA	81	14205	11840	•	•	16,60	0,0772
57033	**57142**	49 LED	L10	700mA	106	17520	14600	•		16,60	0,0772
57034	**57143**	56 LED	L10	530mA	90	15815	13180	•	•	16,60	0,0772
57035	**57144**	56 LED	L10	700mA	120	19535	16280	•		16,60	0,0772
57036	**57145**	63 LED	L10	530mA	105	17720	14770	•	•	16,70	0,0772
57037	**57146**	63 LED	L10	700mA	135	21875	18230	•		16,70	0,0772
57038	**57147**	70 LED	L10	530mA	117	19520	16270	•	•	16,80	0,0772
57039	**57148**	70 LED	L10	700mA	148	23615	19680	•		16,80	0,0772
57040	**57149**	77 LED	L10	530mA	125	21085	17570	•	•	16,80	0,0772
57041	**57150**	77 LED	L10	700mA	166	26260	21880	•		16,80	0,0772
57042	**57151**	84 LED	L10	530mA	135	22900	1980	•	•	16,80	0,0772
57043	**57152**	84 LED	L10	700mA	182	28530	23775	•		16,80	0,0772
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
57044	**57153**	20 LED	L10	700mA	168	27990	23325	•	•	16,80	0,0772
57045	**57154**	20 LED	L10	800mA	192	31810	26510	•	•	16,80	0,0772
57046	**57155**	20 LED	L10	900mA	216	33870	28220	•		16,80	0,0772
57047	**57156**	20 LED	L10	1000mA	240	37340	31165	•		16,80	0,0772
57048	**57157**	24 LED	L10	800mA	230	37340	31165	•	•	16,80	0,0772
57049	**57158**	24 LED	L10	900mA	259	39750	33125	•		16,80	0,0772
57050	**57159**	24 LED	L10	1000mA	288	44030	36690	•		16,80	0,0772
57051	**57160**	28 LED	L10	700mA	235	37800	31360	•	•	17,20	0,0772
57052	**57161**	28 LED	L10	800mA	268	43080	35670	•	•	17,20	0,0772
57053	**57162**	28 LED	L10	900mA	301	46200	38515	•		17,20	0,0772
57054	**57163**	28 LED	L10	1000mA	335	52260	42680	•		17,20	0,0772
Tecnologia LED Multichip (4X4mmq)						*Multichip LED technology (4X4mmq)*					

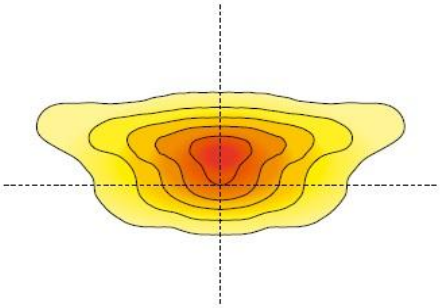
I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

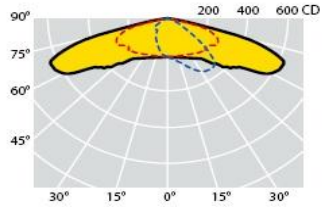
PROXIMO - W2

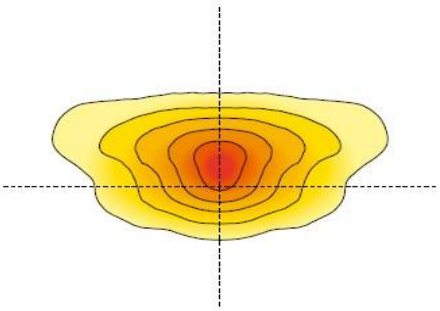
PHOTOMETRIC DATA





C max = 25°
LED 2mmq





C max = 20°
LED 4mmq

PRODUCT CODES

Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
57086	**57195**	64 LED	W2	530mA	107	18720	15600	•	•	16,60	0,0772
57087	**57196**	64 LED	W2	600mA	121	20520	17100	•		16,60	0,0772
57088	**57197**	64 LED	W2	700mA	137	23080	19240	•		16,60	0,0772
57089	**57198**	80 LED	W2	530mA	129	22860	19050	•	•	16,60	0,0772
57090	**57199**	80 LED	W2	600mA	146	24840	20700	•		16,60	0,0772
57091	**57200**	80 LED	W2	700mA	174	28400	23670	•		16,60	0,0772
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
57092	**57201**	64 LED	W2	800mA	159	27870	23230	•		16,70	0,0772
57093	**57202**	64 LED	W2	900mA	181	30480	25400	•		16,70	0,0772
57094	**57203**	64 LED	W2	1000mA	203	33540	27950	•		16,70	0,0772
57095	**57204**	80 LED	W2	800mA	198	34360	28640	•		16,80	0,0772
57096	**57205**	80 LED	W2	900mA	225	36960	30800	•		16,80	0,0772
57097	**57206**	80 LED	W2	1000mA	252	40740	33950	•		16,80	0,0772
Tecnologia LED Singlechip (4mmq)						*Singlechip LED technology (4mmq)*					

I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

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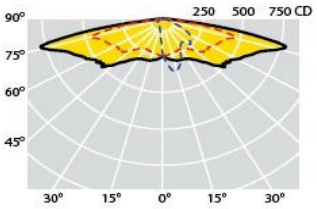
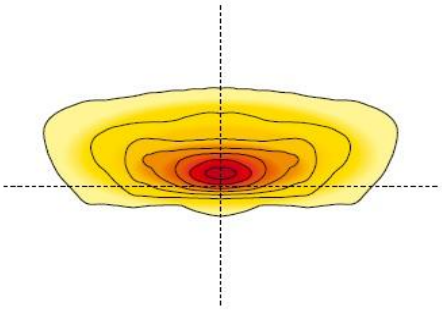
p. iva IT 11966710151
cod. fisc. 00793220153

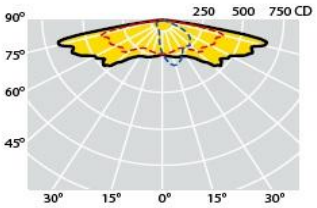
PROXIMO - S

PHOTOMETRIC DATA

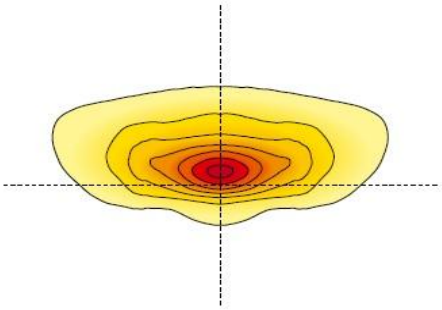


C max = 20°
LED 2mmq





C max = 15°
LED 4mmq



PRODUCT CODES

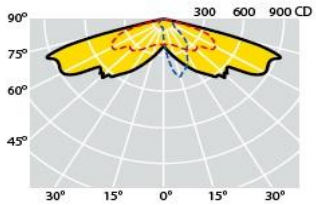
Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
44930	**44931**	64 LED	S	530mA	107	18720	14660	•	•	16,60	0,0772
57082	**57191**	64 LED	S	600mA	121	20520	16070	•		16,60	0,0772
44932	**44933**	64 LED	S	700mA	137	23080	18080	•		16,60	0,0772
44934	**44935**	80 LED	S	530mA	129	22860	17900	•	•	16,60	0,0772
57083	**57192**	80 LED	S	600mA	146	24840	19450	•		16,60	0,0772
44936	**44937**	80 LED	S	700mA	174	28400	22240	•		16,60	0,0772
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
44940	**44941**	64 LED	S	800mA	159	27870	21830	•		16,70	0,0772
57084	**57193**	64 LED	S	900mA	181	30480	23870	•		16,70	0,0772
44942	**44943**	64 LED	S	1000mA	203	33540	26270	•		16,70	0,0772
44944	**44945**	80 LED	S	800mA	198	34360	26920	•		16,80	0,0772
57085	**57194**	80 LED	S	900mA	225	36960	28950	•		16,80	0,0772
44946	**44947**	80 LED	S	1000mA	252	40740	31910	•		16,80	0,0772
Tecnologia LED Singlechip (4mmq)						*Singlechip LED technology (4mmq)*					

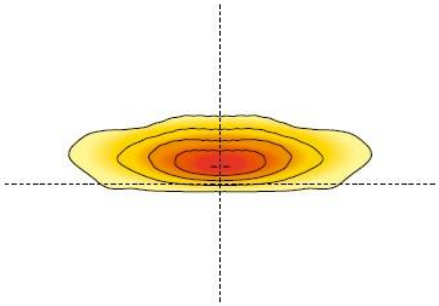
I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

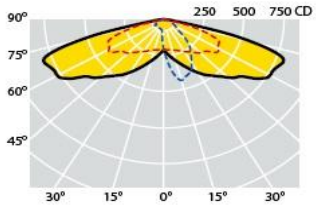
PROXIMO - V

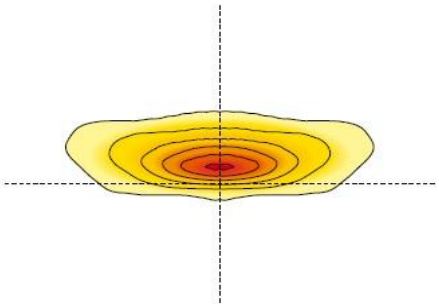
PHOTOMETRIC DATA





C max = 15°
LED 2mmq





C max = 15°
LED 4mmq

PRODUCT CODES

Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
44950	**44951**	64 LED	V	530mA	107	18720	15600	•	•	16,60	0,0772
57078	**57187**	64 LED	V	600mA	121	20520	17100	•		16,60	0,0772
44952	**44953**	64 LED	V	700mA	137	23080	19240	•		16,60	0,0772
44954	**44955**	80 LED	V	530mA	129	22860	19050	•	•	16,60	0,0772
57079	**57188**	80 LED	V	600mA	146	24840	20700	•		16,60	0,0772
44956	**44957**	80 LED	V	700mA	174	28400	23670	•		16,60	0,0772
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
44960	**44961**	64 LED	V	800mA	159	27870	23230	•		16,70	0,0772
57080	**57189**	64 LED	V	900mA	181	30480	25400	•		16,70	0,0772
44962	**44963**	64 LED	V	1000mA	203	33540	27950	•		16,70	0,0772
44964	**44965**	80 LED	V	800mA	198	34360	28640	•		16,80	0,0772
57081	**57190**	80 LED	V	900mA	225	36960	30800	•		16,80	0,0772
44966	**44967**	80 LED	V	1000mA	252	40740	33950	•		16,80	0,0772
Tecnologia LED Singlechip (4mmq)						*Singlechip LED technology (4mmq)*					

I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

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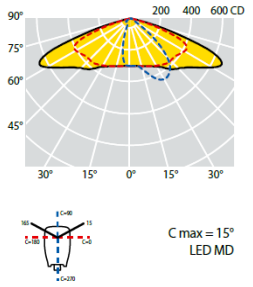
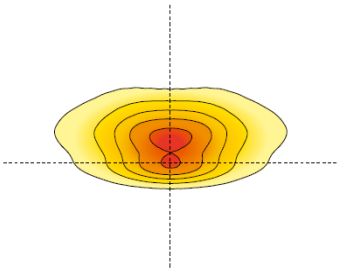
reg. imp. mb 00793220153
p. iva IT 11966710151
cod. fisc. 00793220153

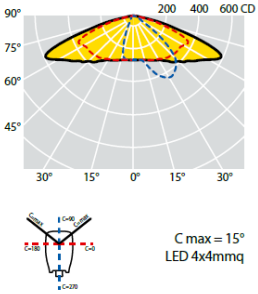
PROXIMO CITY - AB1

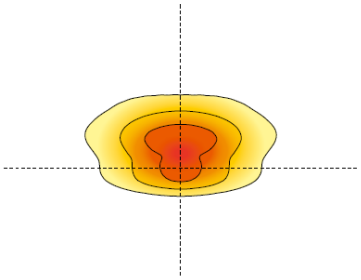
PHOTOMETRIC DATA



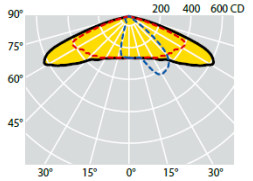


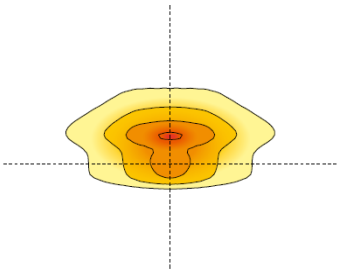
C max = 15°
LED MD





C max = 15°
LED 4x4mmq





C max = 20°
LED 2mmq

PRODUCT CODES

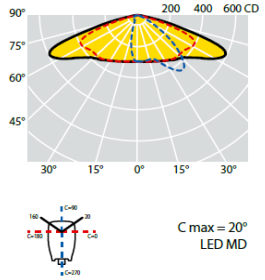
Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
72145	**48920**	24 LED	AB1	350mA	50	9120	7600	•		10,00	0,0514
72446	**72400**	24 LED	AB1	400mA	57	10260	8550	•		10,00	0,0514
72146	**48921**	30 LED	AB1	350mA	63	11520	9600	•		10,00	0,0514
72147	**48922**	30 LED	AB1	400mA	73	12790	10660	•		10,00	0,0514
72148	**48923**	36 LED	AB1	350mA	75	13560	11300	•		10,00	0,0514
72447	**72401**	36 LED	AB1	430mA	91	15800	13170	•		10,00	0,0514
72149	**72134**	36 LED	AB1	500mA	106	17810	14840	•		10,00	0,0514
Tecnologia LED MD						*MD LED technology*					
46033	**46533**	18 LED	AB1	530mA	29	4980	4150	•	•	10,60	0,0514
46034	**46534**	18 LED	AB1	700mA	39	6400	5330	•		10,60	0,0514
72564	**72661**	24 LED	AB1	600mA	44	7285	6070	•		10,85	0,0514
46050	**46550**	24 LED	AB1	700mA	52	8500	7080	•		10,85	0,0514
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
72565	**72662**	6 LED	AB1	600mA	44	8040	6700	•	•	10,45	0,0514
72566	**72663**	6 LED	AB1	700mA	52	9240	7700	•	•	10,45	0,0514
46435	**46959**	6 LED	AB1	800mA	58	10200	8500	•	•	10,45	0,0514
72567	**72664**	6 LED	AB1	900mA	66	11160	9300	•		10,45	0,0514
46436	**46960**	6 LED	AB1	1000mA	73	12168	10140	•		10,45	0,0514
46461	**46975**	9 LED	AB1	800mA	85	15120	12600	•	•	10,50	0,0514
72568	**72665**	9 LED	AB1	900mA	98	16320	13600	•		10,50	0,0514
46462	**46976**	9 LED	AB1	1000mA	109	17880	14900	•		10,50	0,0514
46491	**46983**	12 LED	AB1	700mA	99	17640	14700	•	•	10,60	0,0514
72569	**72666**	12 LED	AB1	800mA	115	18960	15800	•	•	10,60	0,0514
72570	**72667**	12 LED	AB1	900mA	130	20880	17400	•		10,60	0,0514
46492	**46984**	12 LED	AB1	1000mA	144	22960	19130	•		10,60	0,0514
46421	**46995**	15 LED	AB1	700mA	122	21240	17700	•	•	10,75	0,0514
72571	**72668**	15 LED	AB1	800mA	140	23040	19200	•		10,75	0,0514
46422	**46996**	15 LED	AB1	900mA	158	25680	21400	•		10,75	0,0514
Tecnologia LED Multichip (4X4mmq)						*Multichip LED technology (4X4mmq)*					

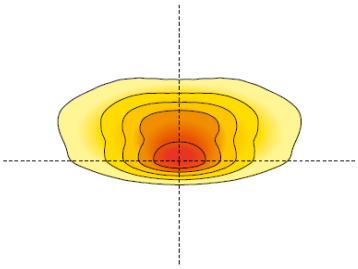
I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

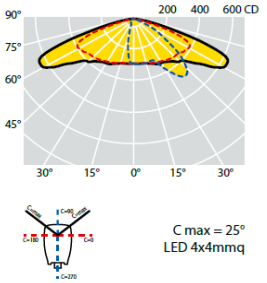
PROXIMO CITY - L10

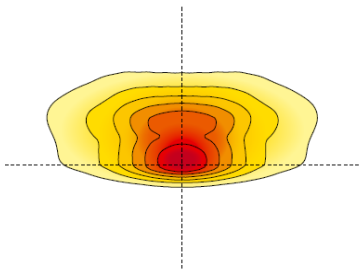
PHOTOMETRIC DATA



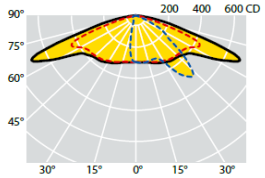


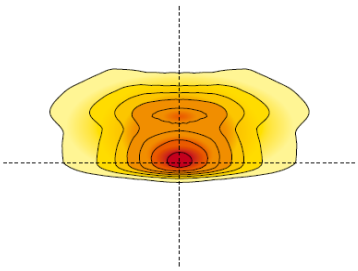
C max = 20°
LED MD





C max = 25°
LED 4x4mmq





C max = 30°
LED 2mmq

PRODUCT CODES

Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
72455	**72409**	24 LED	L10	350mA	50	9120	7450	•		10,00	0,0514
72460	**72414**	24 LED	L10	400mA	57	10260	8380	•		10,00	0,0514
72456	**72410**	30 LED	L10	350mA	63	11520	9410	•		10,00	0,0514
72457	**72411**	30 LED	L10	400mA	73	12790	10450	•		10,00	0,0514
72458	**72412**	36 LED	L10	350mA	75	13560	11080	•		10,00	0,0514
72461	**72415**	36 LED	L10	430mA	91	15800	12910	•		10,00	0,0514
72459	**72413**	36 LED	L10	500mA	106	17810	14540	•		10,00	0,0514
Tecnologia LED MD						*MD LED technology*					
72599	**72696**	18 LED	L10	530mA	29	4880	4070	•	•	10,60	0,0514
72600	**72697**	18 LED	L10	700mA	39	6270	5225	•		10,60	0,0514
72601	**72698**	24 LED	L10	600mA	44	7140	5950	•		10,85	0,0514
72602	**72699**	24 LED	L10	700mA	52	8325	6940	•		10,85	0,0514
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
72603	**72700**	6 LED	L10	600mA	44	7880	6560	•	•	10,45	0,0514
72604	**72701**	6 LED	L10	700mA	52	9055	7550	•	•	10,45	0,0514
72605	**72702**	6 LED	L10	800mA	58	10000	8330	•	•	10,45	0,0514
72606	**72703**	6 LED	L10	900mA	66	10940	9115	•		10,45	0,0514
72607	**72704**	6 LED	L10	1000mA	73	11925	9940	•		10,45	0,0514
72608	**72705**	9 LED	L10	800mA	85	14820	12350	•	•	10,50	0,0514
72609	**72706**	9 LED	L10	900mA	98	15995	13330	•	•	10,50	0,0514
72610	**72707**	9 LED	L10	1000mA	109	17520	14600	•		10,50	0,0514
72611	**72708**	12 LED	L10	700mA	99	17290	14405	•		10,60	0,0514
72612	**72709**	12 LED	L10	800mA	115	18580	15485	•	•	10,60	0,0514
72613	**72710**	12 LED	L10	900mA	130	20460	17050	•		10,60	0,0514
72614	**72711**	12 LED	L10	1000mA	144	22500	18750	•		10,60	0,0514
72615	**72712**	15 LED	L10	700mA	122	20815	17350	•	•	10,75	0,0514
72616	**72713**	15 LED	L10	800mA	140	22580	18820	•		10,75	0,0514
72617	**72714**	15 LED	L10	900mA	158	25165	20970	•		10,75	0,0514
Tecnologia LED Multichip (4X4mmq)						*Multichip LED technology (4X4mmq)*					

I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

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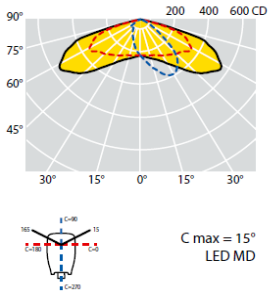
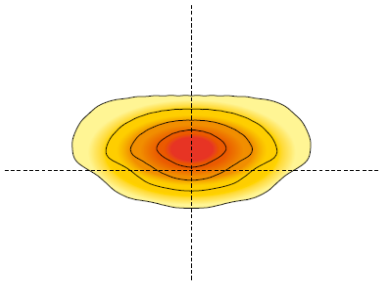
cod. fisc. 00793220153

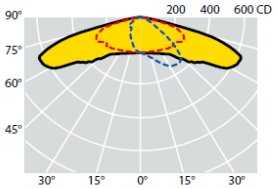
PROXIMO CITY - W2

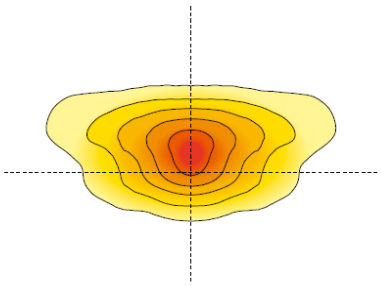
PHOTOMETRIC DATA



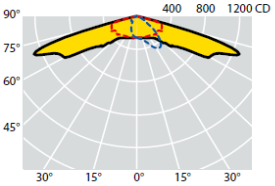


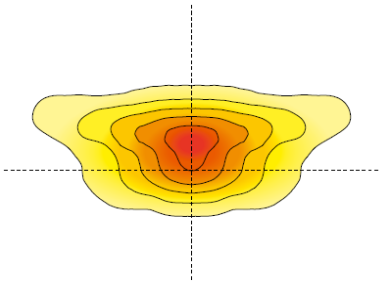
C max = 15°
LED MD





C max = 20°
LED 4mmq





C max = 25°
LED 2mmq

PRODUCT CODES

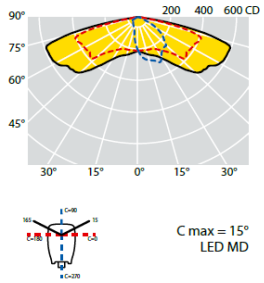
Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
72476	**72430**	36 LED	W2	200mA	43	8400	7000	•	•	10,00	0,0514
72477	**72431**	36 LED	W2	230mA	49	9480	7900	•	•	10,00	0,0514
72478	**72432**	36 LED	W2	280mA	60	11280	9400	•	•	10,00	0,0514
72479	**72433**	36 LED	W2	350mA	75	13620	11350	•		10,00	0,0514
72480	**72434**	36 LED	W2	480mA	103	17160	14300	•		10,00	0,0514
72481	**72435**	48 LED	W2	200mA	56	10740	8950	•	•	10,00	0,0514
72482	**72436**	48 LED	W2	350mA	100	18120	15100	•		10,00	0,0514
72483	**72437**	48 LED	W2	400mA	114	20100	16750	•		10,00	0,0514
Tecnologia LED MD						*MD LED technology*					
72643	**72740**	24 LED	W2	530mA	40	6840	5700	•	•	10,00	0,0514
72644	**72741**	24 LED	W2	700mA	52	8640	7200	•		10,00	0,0514
72645	**72742**	36 LED	W2	530mA	58	9900	8250	•		10,10	0,0514
72646	**72743**	36 LED	W2	600mA	67	11040	9200	•		10,10	0,0514
72647	**72744**	36 LED	W2	700mA	76	12540	10450	•		10,10	0,0514
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
72648	**72745**	36 LED	W2	700mA	76	12720	10600	•	•	10,10	0,0514
72649	**72746**	36 LED	W2	800mA	88	14640	12200	•		10,10	0,0514
72650	**72747**	36 LED	W2	900mA	101	16500	13750	•		10,10	0,0514
72651	**72748**	36 LED	W2	1000mA	115	17580	14650	•		10,10	0,0514
Tecnologia LED Singlechip (4mmq)						*Singlechip LED technology (4mmq)*					

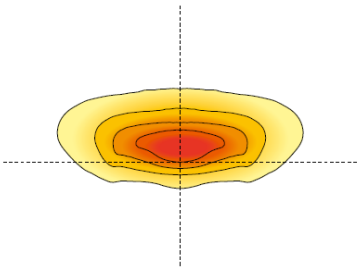
I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

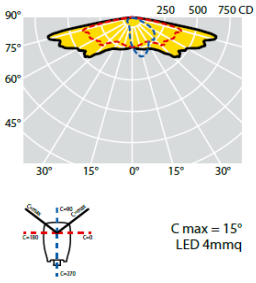
PROXIMO CITY - S

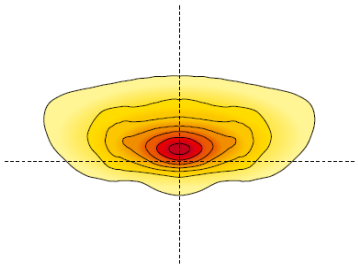
PHOTOMETRIC DATA



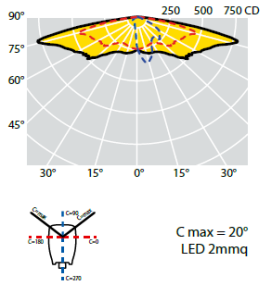


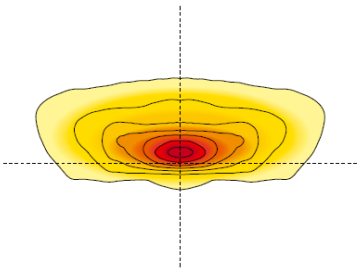
C max = 15°
LED MD





C max = 15°
LED 4mmq





C max = 20°
LED 2mmq

PRODUCT CODES

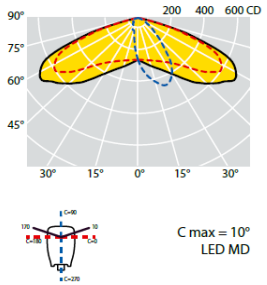
Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
72150	**72135**	36 LED	S	200mA	43	8400	6600	•	•	10,00	0,0514
72152	**48928**	36 LED	S	230mA	49	9480	7450	•	•	10,00	0,0514
72154	**72137**	36 LED	S	280mA	60	11280	8850	•	•	10,00	0,0514
72156	**48929**	36 LED	S	350mA	75	13620	10700	•		10,00	0,0514
72158	**72139**	36 LED	S	480mA	103	17160	13550	•		10,00	0,0514
72224	**48930**	48 LED	S	200mA	56	10740	8500	•	•	10,00	0,0514
72226	**48931**	48 LED	S	350mA	100	18120	14000	•		10,00	0,0514
72324	**72323**	48 LED	S	400mA	114	20100	15550	•		10,00	0,0514
Tecnologia LED MD						*MD LED technology*					
48461	**48462**	24 LED	S	530mA	40	6840	5350	•	•	10,00	0,0514
48463	**48464**	24 LED	S	700mA	52	8640	6760	•		10,00	0,0514
48467	**48468**	36 LED	S	530mA	58	9900	7750	•		10,10	0,0514
72640	**72737**	36 LED	S	600mA	67	11040	8640	•		10,10	0,0514
48469	**48470**	36 LED	S	700mA	76	12540	9820	•		10,10	0,0514
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
72641	**72738**	36 LED	S	700mA	76	12720	9960	•	•	10,10	0,0514
48520	**48521**	36 LED	S	800mA	88	14640	11460	•		10,10	0,0514
72642	**72739**	36 LED	S	900mA	101	16500	12920	•		10,10	0,0514
48522	**48523**	36 LED	S	1000mA	115	17580	13770	•		10,10	0,0514
Tecnologia LED Singlechip (4mmq)						*Singlechip LED technology (4mmq)*					

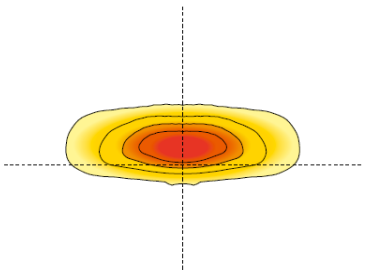
I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

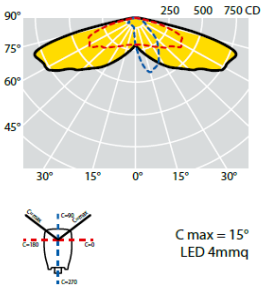
PROXIMO CITY - V

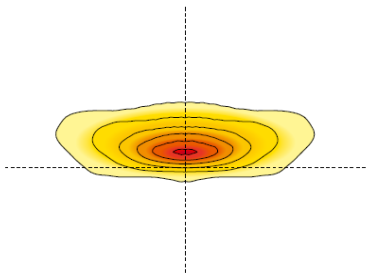
PHOTOMETRIC DATA



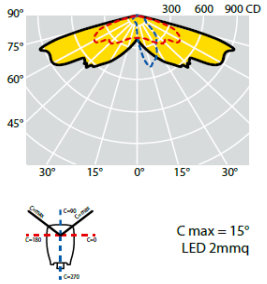


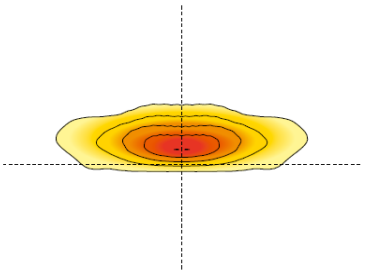
C max = 10°
LED MD





C max = 15°
LED 4mmq





C max = 15°
LED 2mmq

PRODUCT CODES

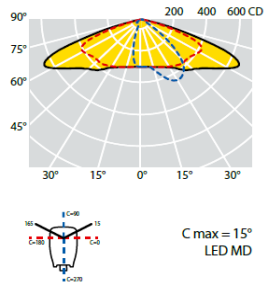
Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
72151	**72136**	36 LED	V	200mA	43	8400	7000	•	•	10,00	0,0514
72153	**48924**	36 LED	V	230mA	49	9480	7900	•	•	10,00	0,0514
72155	**72138**	36 LED	V	280mA	60	11280	9400	•	•	10,00	0,0514
72157	**48925**	36 LED	V	350mA	75	13620	11350	•		10,00	0,0514
72159	**72140**	36 LED	V	480mA	103	17160	14300	•		10,00	0,0514
72225	**48926**	48 LED	V	200mA	56	10740	8950	•	•	10,00	0,0514
72227	**48927**	48 LED	V	350mA	100	18120	15100	•		10,00	0,0514
72326	**72325**	48 LED	V	400mA	114	20100	16750	•		10,00	0,0514
Tecnologia LED MD						*MD LED technology*					
48530	**48531**	24 LED	V	530mA	40	6840	5700	•	•	10,00	0,0514
48532	**48533**	24 LED	V	700mA	52	8640	7200	•		10,00	0,0514
48534	**48535**	36 LED	V	530mA	58	9900	8250	•		10,10	0,0514
72637	**72734**	36 LED	V	600mA	67	11040	9200	•		10,10	0,0514
48536	**48537**	36 LED	V	700mA	76	12540	10450	•		10,10	0,0514
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
72638	**72735**	36 LED	V	700mA	76	12720	10600	•	•	10,10	0,0514
48540	**48541**	36 LED	V	800mA	88	14640	12200	•		10,10	0,0514
72639	**72736**	36 LED	V	900mA	101	16500	13750	•		10,10	0,0514
48542	**48543**	36 LED	V	1000mA	115	17580	14650	•		10,10	0,0514
Tecnologia LED Singlechip (4mmq)						*Singlechip LED technology (4mmq)*					

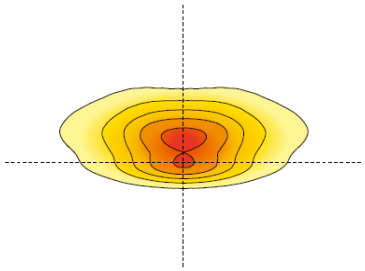
I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

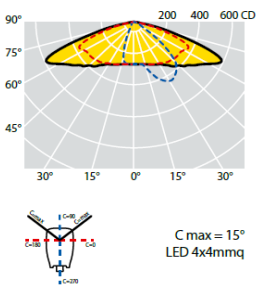
PROXIMO WAY - AB1

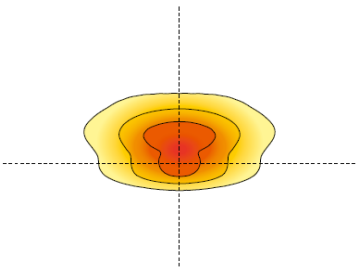
PHOTOMETRIC DATA



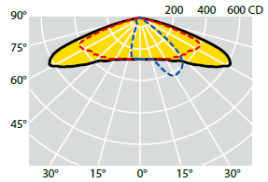


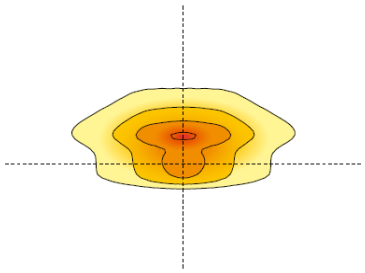
C max = 15°
LED MD





C max = 15°
LED 4x4mmq





C max = 20°
LED 2mmq

PRODUCT CODES

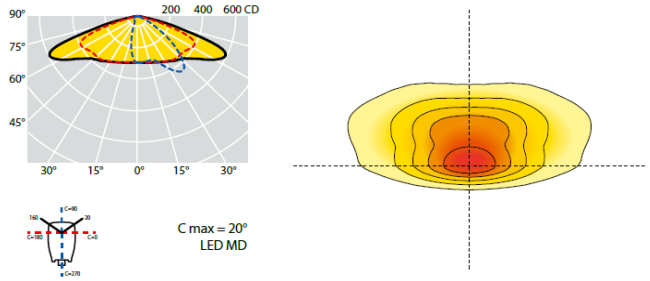
Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
63676	**63603**	10 LED	AB1	200mA	12	2260	1880	•	•	6,80	0,0293
63677	**63604**	10 LED	AB1	280mA	17	3120	2600	•	•	6,80	0,0293
63334	**63270**	10 LED	AB1	350mA	22	3820	3180	•		6,80	0,0293
63678	**63605**	15 LED	AB1	260mA	24	4200	3500	•	•	6,80	0,0293
63335	**63271**	15 LED	AB1	320mA	30	5090	4240	•		6,80	0,0293
63336	**63272**	20 LED	AB1	280mA	34	6110	5090	•	•	6,80	0,0293
63337	**63273**	20 LED	AB1	350mA	43	7500	6250	•		6,80	0,0293
63352	**63351**	20 LED	AB1	410mA	51	8580	7150	•		6,80	0,0293
63338	**63274**	25 LED	AB1	350mA	56	9540	7950	•		6,80	0,0293
63339	**63275**	25 LED	AB1	400mA	62	10500	8750	•		6,80	0,0293
63340	**63307**	25 LED	AB1	450mA	69	11580	9650	•		6,80	0,0293
Tecnologia LED MD						*MD LED technology*					
63112	**63113**	10 LED	AB1	350mA	11	1870	1560	•	•	6,80	0,0293
63000	**63001**	10 LED	AB1	530mA	17	2845	2370	•	•	6,80	0,0293
63808	**63890**	15 LED	AB1	500mA	24	3830	3190	•	•	6,80	0,0293
63008	**63009**	20 LED	AB1	530mA	33	5375	4480	•	•	6,90	0,0293
63809	**63891**	25 LED	AB1	500mA	39	6215	5180	•	•	6,95	0,0293
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
63810	**63892**	6 LED	AB1	500mA	37	6480	5400	•	•	6,80	0,0293
63811	**63893**	6 LED	AB1	600mA	45	7620	6350	•	•	6,80	0,0293
63124	**63125**	6 LED	AB1	700mA	52	8400	7000	•	•	6,80	0,0293
63024	**63025**	6 LED	AB1	800mA	58	9120	7600	•		6,80	0,0293
63812	**63894**	6 LED	AB1	900mA	65	10140	8450	•		6,80	0,0293
63813	**63895**	9 LED	AB1	600mA	64	10440	8700	•	•	6,80	0,0293
63120	**63121**	9 LED	AB1	700mA	75	11880	9900	•	•	6,80	0,0293
Tecnologia LED Multichip (4X4mmq)						*Multichip LED technology (4X4mmq)*					

I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

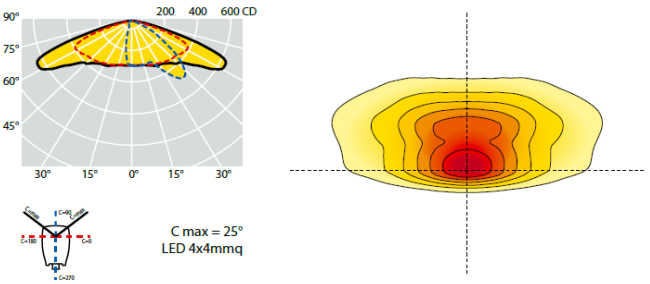
The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

PROXIMO WAY - L10

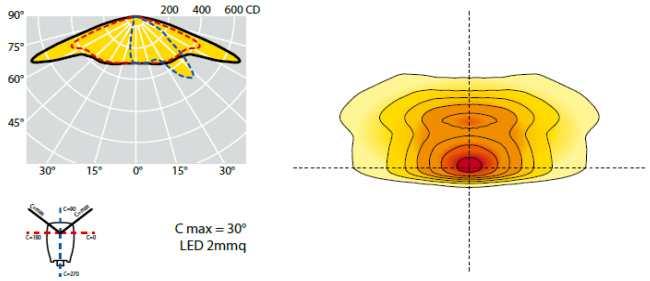
PHOTOMETRIC DATA



C max = 20°
LED MD



C max = 25°
LED 4x4mmq



C max = 30°
LED 2mmq

PRODUCT CODES

Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
63698	**63625**	10 LED	L10	200mA	12	2260	1840	•	•	6,80	0,0293
63699	**63626**	10 LED	L10	280mA	17	3120	2550	•	•	6,80	0,0293
63690	**63617**	10 LED	L10	350mA	22	3820	3120	•		6,80	0,0293
63700	**63627**	15 LED	L10	260mA	24	4200	3430	•	•	6,80	0,0293
63691	**63618**	15 LED	L10	320mA	30	5090	4160	•		6,80	0,0293
63692	**63619**	20 LED	L10	280mA	34	6110	4990	•	•	6,80	0,0293
63693	**63620**	20 LED	L10	350mA	43	7500	6230	•		6,80	0,0293
63694	**63621**	20 LED	L10	410mA	51	8580	7010	•		6,80	0,0293
63695	**63622**	25 LED	L10	350mA	56	9540	7790	•		6,80	0,0293
63696	**63623**	25 LED	L10	400mA	62	10500	8580	•		6,80	0,0293
63697	**63624**	25 LED	L10	450mA	69	11580	9460	•		6,80	0,0293
Tecnologia LED MD						*MD LED technology*					
63832	**63914**	10 LED	L10	350mA	11	1870	1530	•	•	6,80	0,0293
63833	**63915**	10 LED	L10	530mA	17	2845	2320	•	•	6,80	0,0293
63834	**63916**	15 LED	L10	500mA	24	3830	3125	•	•	6,80	0,0293
63835	**63917**	20 LED	L10	530mA	33	5375	4390	•	•	6,90	0,0293
63836	**63918**	25 LED	L10	500mA	39	6215	5080	•	•	6,95	0,0293
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
63837	**63919**	6 LED	L10	500mA	37	6480	5300	•	•	6,80	0,0293
63838	**63920**	6 LED	L10	600mA	45	7620	6225	•	•	6,80	0,0293
63839	**63921**	6 LED	L10	700mA	52	8400	6860	•	•	6,80	0,0293
63840	**63922**	6 LED	L10	800mA	58	9120	7450	•		6,80	0,0293
63841	**63923**	6 LED	L10	900mA	65	10140	8280	•		6,80	0,0293
63842	**63924**	9 LED	L10	600mA	64	10440	8525	•	•	6,80	0,0293
63843	**63925**	9 LED	L10	700mA	75	11880	9700	•	•	6,80	0,0293
Tecnologia LED Multichip (4X4mmq)						*Multichip LED technology (4X4mmq)*					

I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

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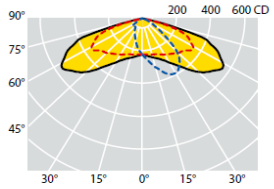
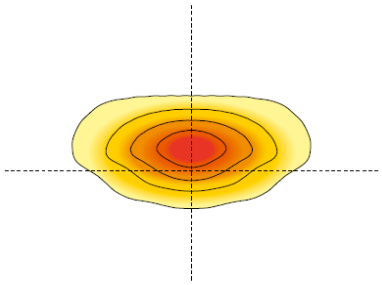
cod. fisc. 00793220153

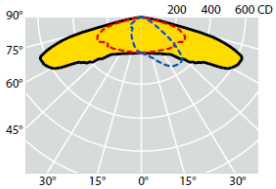
PROXIMO WAY - W2

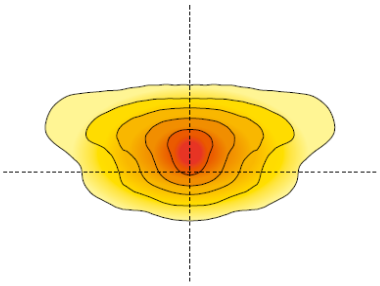
PHOTOMETRIC DATA



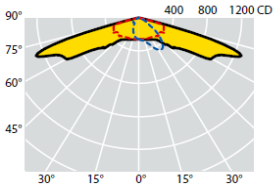


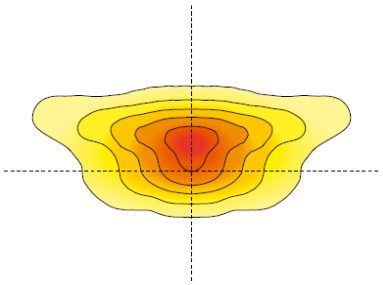
C max = 15°
LED MD





C max = 20°
LED 4mmq





C max = 25°
LED 2mmq

PRODUCT CODES

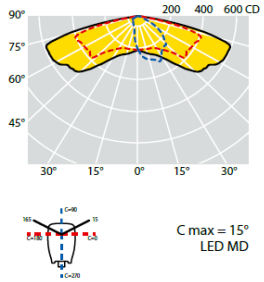
Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
63738	**63665**	8 LED	W2	200mA	10	1920	1600	•	•	6,80	0,0293
63739	**63666**	8 LED	W2	300mA	15	2800	2330	•	•	6,80	0,0293
63731	**63658**	16 LED	W2	200mA	20	3840	3200	•	•	6,80	0,0293
63736	**63663**	16 LED	W2	250mA	25	4610	3840	•	•	6,80	0,0293
63737	**63664**	16 LED	W2	300mA	30	5460	4550	•	•	6,80	0,0293
63732	**63659**	16 LED	W2	350mA	35	6300	5250	•		6,80	0,0293
63733	**63660**	24 LED	W2	280mA	44	8060	6720	•	•	6,80	0,0293
63734	**63661**	24 LED	W2	400mA	59	10390	8660	•		6,80	0,0293
63735	**63662**	24 LED	W2	455mA	67	11720	9770	•		6,80	0,0293
Tecnologia LED MD						*MD LED technology*					
63868	**63950**	8 LED	W2	530mA	13	2240	1870	•	•	6,80	0,0293
63869	**63951**	8 LED	W2	700mA	18	2900	2420	•		6,80	0,0293
63870	**63952**	16 LED	W2	530mA	26	4520	3770	•	•	6,80	0,0293
63871	**63953**	16 LED	W2	700mA	35	5780	4820	•		6,80	0,0293
63872	**63954**	24 LED	W2	530mA	40	6820	5690	•	•	6,80	0,0293
63873	**63955**	24 LED	W2	700mA	52	8540	7120	•		6,80	0,0293
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
63874	**63956**	16 LED	W2	750mA	37	6120	5100	•		6,80	0,0293
63875	**63957**	16 LED	W2	800mA	40	6480	5400	•		6,80	0,0293
63876	**63958**	16 LED	W2	900mA	45	7200	6000	•		6,80	0,0293
63877	**63959**	24 LED	W2	700mA	52	8580	7150	•	•	6,80	0,0293
63878	**63960**	24 LED	W2	800mA	59	9660	8050	•		6,80	0,0293
Tecnologia LED Singlechip (4mmq)						*Singlechip LED technology (4mmq)*					

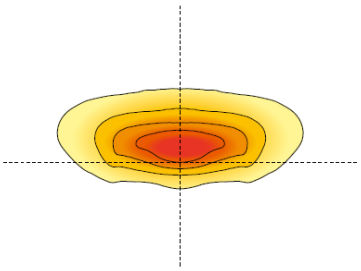
I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

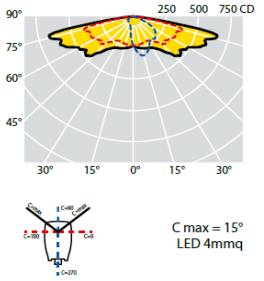
PROXIMO WAY - S

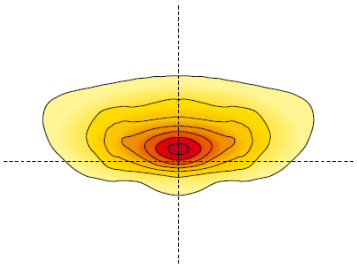
PHOTOMETRIC DATA



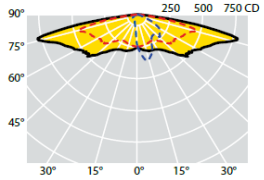


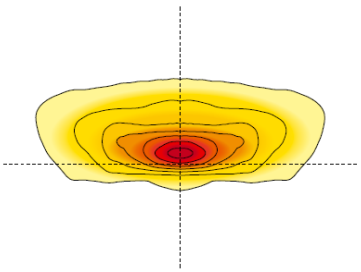
C max = 15°
LED MD





C max = 15°
LED 4mmq





C max = 20°
LED 2mmq

PRODUCT CODES

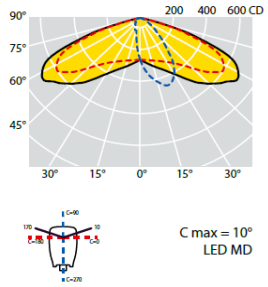
Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
63729	**63656**	8 LED	S	200mA	10	1920	1500	•	•	6,80	0,0293
63730	**63657**	8 LED	S	300mA	15	2800	2190	•	•	6,80	0,0293
63341	**63279**	16 LED	S	200mA	20	3840	3000	•	•	6,80	0,0293
63727	**63654**	16 LED	S	250mA	25	4610	3600	•	•	6,80	0,0293
63728	**63655**	16 LED	S	300mA	30	5460	4270	•	•	6,80	0,0293
63343	**63280**	16 LED	S	350mA	35	6300	5000	•		6,80	0,0293
63345	**63308**	24 LED	S	280mA	44	8060	6300	•	•	6,80	0,0293
63347	**63281**	24 LED	S	400mA	59	10390	8050	•		6,80	0,0293
63349	**63311**	24 LED	S	455mA	67	11720	9050	•		6,80	0,0293
Tecnologia LED MD						*MD LED technology*					
63080	**63081**	8 LED	S	530mA	13	2240	1750	•	•	6,80	0,0293
63082	**63083**	8 LED	S	700mA	18	2900	2270	•		6,80	0,0293
63084	**63085**	16 LED	S	530mA	26	4520	3540	•	•	6,80	0,0293
63086	**63087**	16 LED	S	700mA	35	5780	4530	•		6,80	0,0293
63088	**63089**	24 LED	S	530mA	40	6820	5340	•	•	6,80	0,0293
63090	**63091**	24 LED	S	700mA	52	8540	6690	•		6,80	0,0293
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
63864	**63946**	16 LED	S	750mA	37	6120	4790	•		6,80	0,0293
63218	**63219**	16 LED	S	800mA	40	6480	5070	•		6,80	0,0293
63865	**63947**	16 LED	S	900mA	45	7200	5640	•		6,80	0,0293
63866	**63948**	24 LED	S	700mA	52	8580	6720	•	•	6,80	0,0293
63092	**63093**	24 LED	S	800mA	59	9660	7560	•		6,80	0,0293
Tecnologia LED Singlechip (4mmq)						*Singlechip LED technology (4mmq)*					

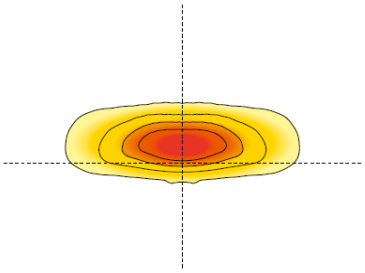
I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

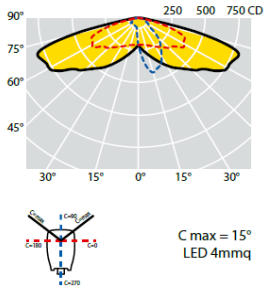
PROXIMO WAY - V

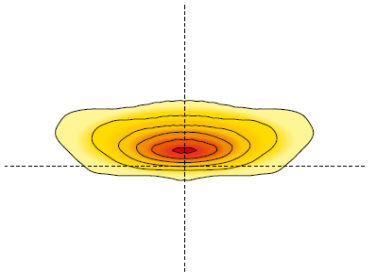
PHOTOMETRIC DATA



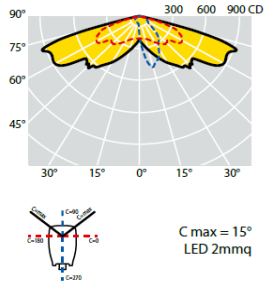


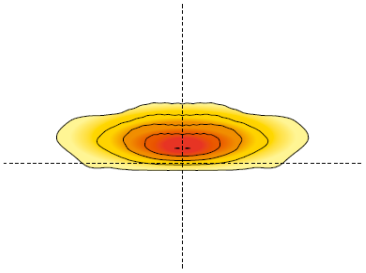
C max = 10°
LED MD





C max = 15°
LED 4mmq





C max = 15°
LED 2mmq

PRODUCT CODES

Codice *Code* CL I	Codice *Code* CL II	Numero LED *Number of LED*	Ottica *Optic*	Corrente di pilotaggio *Led Current* (mA)	W (LED+ DRIVER)	Flusso lum. nom. piastra LED *Nominal flux LED plate* (Lumen)	Flusso utile in uscita *Useful output flux* (Lumen)	Temp. ambiente *Ambient temp.* ta 35°C	ta 50°C	Peso lordo *Gross weight* (kg)	Vol. (m^3)
63725	**63652**	8 LED	V	200mA	10	1920	1600	•	•	6,80	0,0293
63726	**63653**	8 LED	V	300mA	15	2800	2330	•	•	6,80	0,0293
63342	**63276**	16 LED	V	200mA	20	3840	3200	•	•	6,80	0,0293
63723	**63650**	16 LED	V	250mA	25	4610	3840	•	•	6,80	0,0293
63724	**63651**	16 LED	V	300mA	30	5460	4550	•	•	6,80	0,0293
63344	**63277**	16 LED	V	350mA	35	6300	5250	•		6,80	0,0293
63346	**63310**	24 LED	V	280mA	44	8060	6720	•	•	6,80	0,0293
63348	**63278**	24 LED	V	400mA	59	10390	8660	•		6,80	0,0293
63350	**63312**	24 LED	V	455mA	67	11720	9770	•		6,80	0,0293
Tecnologia LED MD						*MD LED technology*					
63096	**63097**	8 LED	V	530mA	13	2240	1870	•	•	6,80	0,0293
63098	**63099**	8 LED	V	700mA	18	2900	2420	•		6,80	0,0293
63100	**63101**	16 LED	V	530mA	26	4520	3770	•	•	6,80	0,0293
63102	**63103**	16 LED	V	700mA	35	5780	4820	•		6,80	0,0293
63104	**63105**	24 LED	V	530mA	40	6820	5690	•	•	6,80	0,0293
63106	**63107**	24 LED	V	700mA	52	8540	7120	•		6,80	0,0293
Tecnologia LED Singlechip (2mmq)						*Singlechip LED technology (2mmq)*					
63858	**63940**	16 LED	V	750mA	37	6120	5100	•		6,80	0,0293
63220	**63221**	16 LED	V	800mA	40	6480	5400	•		6,80	0,0293
63859	**63941**	16 LED	V	900mA	45	7200	6000	•		6,80	0,0293
63860	**63942**	24 LED	V	700mA	52	8580	7150	•	•	6,80	0,0293
63108	**63109**	24 LED	V	800mA	59	9660	8050	•		6,80	0,0293
Tecnologia LED Singlechip (4mmq)						*Singlechip LED technology (4mmq)*					

I valori di flusso indicati devono essere considerati con una tolleranza del +/- 10%.
I valori di potenza elettrica indicati devono essere considerati con una tolleranza del +/- 5%.
I flussi luminosi indicati in tabella subiranno modifiche e miglioramenti in funzione della continua evoluzione tecnica dell'efficienza luminosa dei led.

The flux values are to be considered with a tolerance of +/- 10%.
The wattages values are to be considered with a tolerance of +/- 5%.
The flows indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

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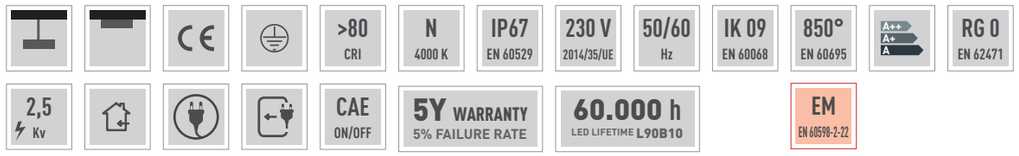
ZITA



On request

EN

Self-extinguishing co-extruded opal polycarbonate body, resistant to UV rays (JEDEX anti-UV System). Plastic endcaps with sealed gasket. Extruded anodized aluminum wide beam louver (ZITA) or specular aluminum louver (ZITA UT) with heatsink function. Supplied complete with cablegland for electrical connection. Ceiling mounting system with quick plug-in fixing brackets, suspension mounting system with hooks to be fixed on the brackets. LED light source. Direct light emission.

IT

Corpo in policarbonato coestruso autoestinguente opale, resistente ai raggi UV (sistema anti UV JEDEX). Tappi in materiale plastico con guarnizione a tenuta. Ottica diffondente in alluminio estruso anodizzato (ZITA) o alluminio speculare (ZITA UT) con funzione di dissipatore. Fornita completa di pressa-cavo per collegamento elettrico. Installazione a plafone con staffe di fissaggio a innesto rapido, a sospensione con ganci inox da applicare alle staffe. Sorgente luminosa LED. Emissione diretta.

FR

Corps en polycarbonate co-extrudé auto-extinguible opale résistant aux rayons UV (système anti-UV JEDEX). Bouchons en plastique avec joint d'étanchéité. Optique de diffusion en aluminium extrudé anodisé (ZITA) ou en aluminium brillant (ZITA UT) avec fonction radiateur. Livré complet avec presse à câble pour le raccordement électrique. Installation au plafond avec supports de fixation à couplage rapide, suspendue avec des crochets en acier inoxydable à appliquer sur les supports. Source de lumière LED. Emission de lumièere directe.

ES

Cuerpo de policarbonato coextruido autoextinguible opal, resistente a los rayos UV (sistema anti-UV JEDEX). Tapones de plástico con sello hermético. Óptica difusora en aluminio extruido anodizado (ZITA) o aluminio especular (ZITA UT) con función de disipador. Pasa cable para conexión eléctrica incluido. Instalación de techo con soportes de fijación a injerto rápido, en suspensión con ganchos en acero inoxidable para ser aplicados a los soportes. Fuente de luz LED.

DE

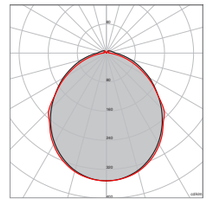
Selbstverlöschender, coextrudierter, opale, UV-beständig (JEDEX Anti-UV-System) Polycarbonat-Körper. Kunststoffstopfen mit Dichtung. Streuoptik aus extrudiertem, anodisiertem Aluminium (ZITA) oder aus glänzendem Aluminium (ZITA UT) mit Kühlkörperfunktion. Inklusiv Kabelpresse für den elektrischen Anschluss. Deckenmontage mit Schnellkupplungshalterungen, anhängige Installation mit Edelstahlhaken zum Anbringen an den Halterungen. LED-Lichtquelle. Direkte Lichtemission.

RU

Соэкструдированный поликарбонатный кор¬пус светильника изготовлен из самозатуха¬ющего материала с матовым покрытием, устойчивым к ультрафиолетовому излуче¬нию (система защиты от УФ - JEDEX UV). Пластиковые заглушки с уплотнительной прокладкой и упрощенной соединительной системой. Рассеивающая оптика из аноди¬рованного экструдированного алюминия (ZITA) или отражающего алюминия (ZITA UT) с функцией теплоотвода. Поставляется в комплекте с электрокабелем для подклю¬чения. Потолочная установка с быстросъем¬ными крепежными скобами, подвешенными на крепежах из нержавеющей стали для крепления к кронштейнам. Светодиодный источник света. Прямой поток света.

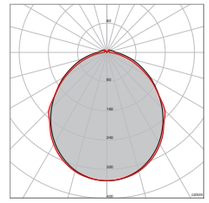
ZITA 600

Relamping	Code	Lm LED	Lm Out	Watt Out	Lm Watt Out
1x18	**IZT1N**	1350	995	9	108
2x18	**IZT4N**	2780	2050	18,5	111



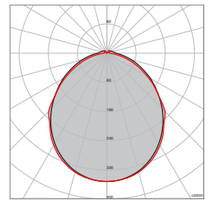
ZITA 1200

Relamping	Code	Lm LED	Lm Out	Watt Out	Lm Watt Out
1x36	**IZT2N**	3000	2210	19,5	113
2x36	**IZT5N**	6300	4640	40	116



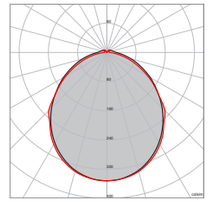
ZITA 1500

Relamping	Code	Lm LED	Lm Out	Watt Out	Lm Watt Out
1x58	**IZT3N**	4000	2945	26	113
2x58	**IZT6N**	8400	6190	53	117



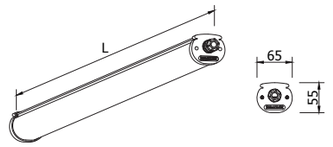
ZITA UT 1200

Relamping	Code	Lm LED	Lm Out	Watt Out	Lm Watt Out
2x36	**IZUT5N**	6400	4800	41	117
2x58	**IZUT6N**	8550	6400	55	116



Mechanical Features

Model	L mm
ZITA 600	625
ZITA 1200	1190
ZITA 1500	1565
ZITA UT 1200	1190



Ordering information

Code	Kg		
IZT1N	0,6	1	144
IZT4N	0,6	1	144
IZT2N	1,1	1	72
IZT5N	1,1	1	72
IZT3N	1,3	1	72
IZT6N	1,3	1	72
IZUT5N	1,1	1	72
IZUT6N	1,1	1	72

On request

Additional cost for:

Plug + 3 pole socket
Code: 3P

Plug + 5 pole socket
Code: 5P

INZT../3P - INZT../5P
Example: INZT1N/3P

Emergency without plug