

PROXIMO
SERIES





PROXIMO

SERIES

QUALITÀ SENZA TEMPO

A TIMELESS QUALITY

Semplice installazione, lunga durata, sistema di dissipazione termica studiato internamente e resistenza ad elevate temperature fanno di PROXIMO la serie di armature stradali con il miglior rapporto qualità prezzo oggi disponibile sul mercato. Disponibile in tre taglie differenti, l'obiettivo della serie PROXIMO è quella di garantire una maggior sicurezza soddisfacendo le diverse esigenze illuminotecniche in ambito stradale, urbano ed extraurbano e diversi livelli di intensità di traffico.

La gamma PROXIMO, prodotta in base ai dettami dell'economia circolare, rappresenta il nuovo punto di riferimento nell'ambito dell'illuminazione stradale con soluzioni flessibili WISE e prospettiche, per futuri scenari smart. La serie PROXIMO è inoltre stata sottoposta allo studio LCA (Life Cycle Assessment) che le ha valso la certificazione PEP (Product Environmental Profile) Ecopassport, secondo la norma UNI EN ISO 14025.

Simple installation, long life, internally designed heat dissipation system and resistance to high temperatures make PROXIMO the series with the best value for money available today on the market. Available in three different sizes, the mission of the PROXIMO series is to guarantee greater safety, satisfying the different lighting needs in the street, urban and extra-urban and different traffic intensity. The PROXIMO range, manufactured according to the dictates of the circular economy, represents the new benchmark in the field of lighting road with flexible and prospective WISE solutions for future smart applications. PROXIMO SERIES has been submitted to the LCA (Life Cycle Assessment) study which has earned it the PEP (Product Environmental Profile) Ecopassport certification, according to the UNI EN ISO 14025 standard.



CARATTERISTICHE PRINCIPALI

MAIN FEATURES

- Base portante e copertura in pressofusione di alluminio con titolo minimo EN 47100 a basso contenuto di rame ed alta resistenza agli agenti atmosferici.
- Copertura superiore con alette di raffreddamento trasversali ad alto contenuto estetico.
- Verniciatura con processo AION, a polveri poliestere di colore silver (RAL 9006). Tale processo certifica la resistenza degli apparecchi ai raggi UV secondo la norma ASTM D4587:2011, alla nebbia salina secondo la norma EN ISO 9227:2017 con durata minima all'esposizione di 3000 ore e alla corrosione secondo la ISO 12944 per la classe C5HD.
- Coperchio posteriore per la chiusura del vano attacco palo in materiale plastico ad alta resistenza (solo per PROXIMO).
- Filtro di compensazione pressoria in teflon.
- Guarnizioni in gomma antinvecchiamento, rimovibili.
- Schermo di protezione in vetro di sicurezza temperato extra chiaro 4 mm.
- Viteria esterna in acciaio INOX.
- Molla di chiusura in acciaio INOX.

CARATTERISTICHE MECCANICHE

- Sostituzione dell'intero modulo LED completo della copertura dell'apparecchio.
- Apertura per l'accesso all'ottica e vano cablaggio in un'unica e semplice operazione agendo sulla molla in acciaio inox senza l'utilizzo di utensili.
- Per evitare la chiusura accidentale della copertura durante le fasi di montaggio e manutenzione, l'apparecchio è dotato di dispositivo automatico di blocco.

- 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 under the AION process, in silver-colored polyester powders (RAL 9006). This process certifies the luminaire's resistance to UV radiation according to ASTM D4587:2011, to salt spray according to EN ISO 9227:2017 with a minimum exposure time of 3000 hours and to corrosion according to ISO 12944 for class C5HD.
- Rear cover for closing the attachment compartment pole in high resistance plastic material (only for PROXIMO).
- Pressure compensation filter in Teflon.
- Gaskets in anti-aging rubber, removable.
- Extra-clear tempered safety glass protection screen, 4mm thick.
- External stainless steel screws.
- Stainless steel closure clip.

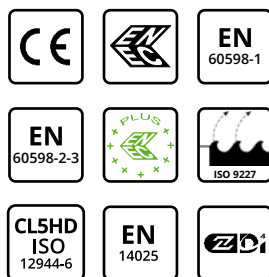
MECHANICAL CHARACTERISTICS

- 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.

CARATTERISTICHE GENERALI GENERAL CHARACTERISTICS



CERTIFICAZIONI DI PRODOTTO PRODUCT CERTIFICATIONS



ICONE DELL'AMBIENTE GREEN ICONS



CARATTERISTICHE DI ALIMENTAZIONE

POWER SUPPLY CHARACTERISTICS

- Gruppo di alimentazione costituito da driver programmabile con durata di vita maggiore di 100.000h.
- Alimentatore elettronico con protezione termica integrata ad elevata efficienza e durata progettato per uso esterno. Tutte le versioni sono protette contro le sovratensioni e le sovracorrenti per la protezione dei componenti e dei LED.
- Il sistema, sia in CL I che in CL II, è dotato di sezionatore per interrompere l'alimentazione all'apertura dell'apparecchio.
- Ingresso cavo attraverso pressacavo PG16 antistrappo, IP68.
- Fattore di correzione di potenza a pieno carico > 0.9.
- Alimentazione 220 - 240V / 50 - 60 Hz VAC.
- Piastra cablaggio completa di unità elettronica facilmente sostituibile.

PROTEZIONE ALLE SOVRATENSIONI

- CL I: fino a 10kV sia di modo comune che differenziale.
- CL II: fino a 10kV di modo comune, 6kV di modo differenziale. A richiesta è possibile raggiungere 10kV anche in modo differenziale con SPD collegato tra fase e neutro.

-
- 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.

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.



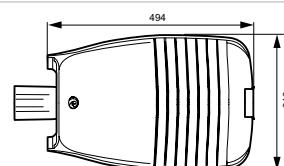
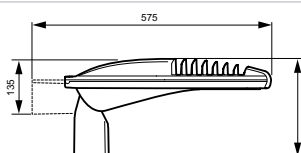
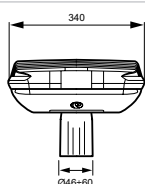
WISE SOLUTIONS

OPTIONAL



DIMENSIONI / DIMENSIONS

PROXIMO WAY



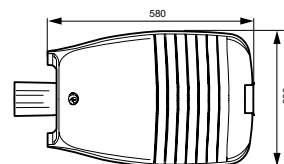
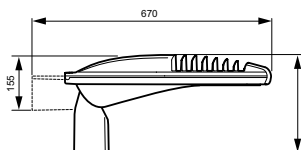
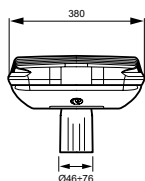
Peso max*
Max weight*

6 kg

Sup. esposta al vento con tilt 0°
Wind exposed surface with tilt 0°

laterale / lateral: 0,039 m²
frontale / front: 0,041 m²

PROXIMO CITY



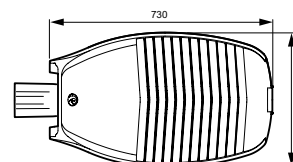
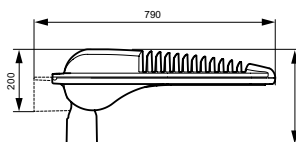
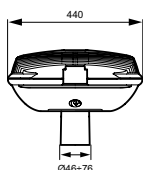
Peso max*
Max weight*

9,30 kg

Sup. esposta al vento con tilt 0°
Wind exposed surface with tilt 0°

laterale / lateral: 0,064 m²
frontale / front: 0,061 m²

PROXIMO



Peso max*
Max weight*

14,30 kg

Sup. esposta al vento con tilt 0°
Wind exposed surface with tilt 0°

laterale / lateral: 0,094 m²
frontale / front: 0,083 m²

* Tolleranza sul peso ± 5%
* Weight tolerance ± 5%



INSTALLAZIONE / INSTALLATION

Installazione a palo con sistema di attacco regolabile in alluminio pressofuso.
Adjust pole mounting system in die cast aluminium.

	PROXIMO WAY	PROXIMO CITY	PROXIMO
Diametro palo Pole diameter	Ø 46 mm ÷ 60 mm	Ø 46 mm ÷ 76 mm	Ø 46 mm ÷ 76 mm
Installazione a testa palo Installation on straight pole	da 0° a +20° con passo costante di 2,5° from 0° to +20° with constant pitch of 2.5°		0°, +5°, +10°, +15°, +20°
Installazione a sbraccio Side entry installation	Dispositivo di fissaggio a palo per portare a 0° il tilt dell'apparecchio in caso di installazione su bracci con tilt di 5°, 10°, 15° e 20°. Fixing device pole to bring the tilt luminaire at 0° in case of side entry installation with tilt of 5°, 10°, 15° and 20°		
Installazione testa palo / a sbraccio Installation on straight pole / side entry	Dispositivo di fissaggio per pali Ø 46 mm ÷ 60 mm con regolazione tilt ±15° con passo costante di 2,5° disponibile su richiesta Fixing device for poles Ø 46 mm ÷ 60 mm to bring the tilt luminaire at ±15° with constant pitch of 2.5°, available on request		

ACCESSORI E RICAMBI

ACCESSORIES AND SPARE PARTS



60031
Mensola a spigolo componibile
Modular corner bracket



60030
Mensola a parete componibile
Modular wall bracket



18332 - 20643 - 25786
Vetro temperato extra chiaro 4 mm
Extra-clear tempered glass 4 mm thick



60026
Mensola a parete elettrosaldata
Wall bracket electro welded



60063
Mensola a spigolo elettrosaldata
Corner bracket electro welded

SCOPRI
DI PIÙ



ITALIANO



DISCOVER
MORE



ENGLISH



CARATTERISTICHE SISTEMA OTTICO

OPTICAL SYSTEM CHARACTERISTICS

- Sistema ottico stradale SAFE-WAY del tipo a rifrazione/riflessione e a rifrazione.
- Gruppo ottico facilmente sostituibile.
- FHS =0%, con vetro parallelo al terreno.
- Tecnologia LED su circuito stampato in alluminio altamente dissipante termicamente MCPCB (Metal Core Printed Circuit Board).
- Sistema di dissipazione del calore mediante alette di raffreddamento trasversali.
- Temperatura colore sorgente LED: 4000K - CRI > 70. Altre su richiesta.

- SAFE-WAY optic system: refraction / reflection and refraction type.
- Optic group easily replaceable.
- FHS =0% with glass parallel to the ground.
- 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. Other on request.

FLUSSO LUMINOSO MEDIO MANTENUTO SECONDO LA NORMA LM80 - TM21

Intervallo di temperatura di esercizio degli apparecchi*

ta 35°C	-40°C ÷ +40°C	L90B10	>100.000 hrs
ta 55°C	-40°C ÷ +55°C	L90B10	> 50.000 hrs

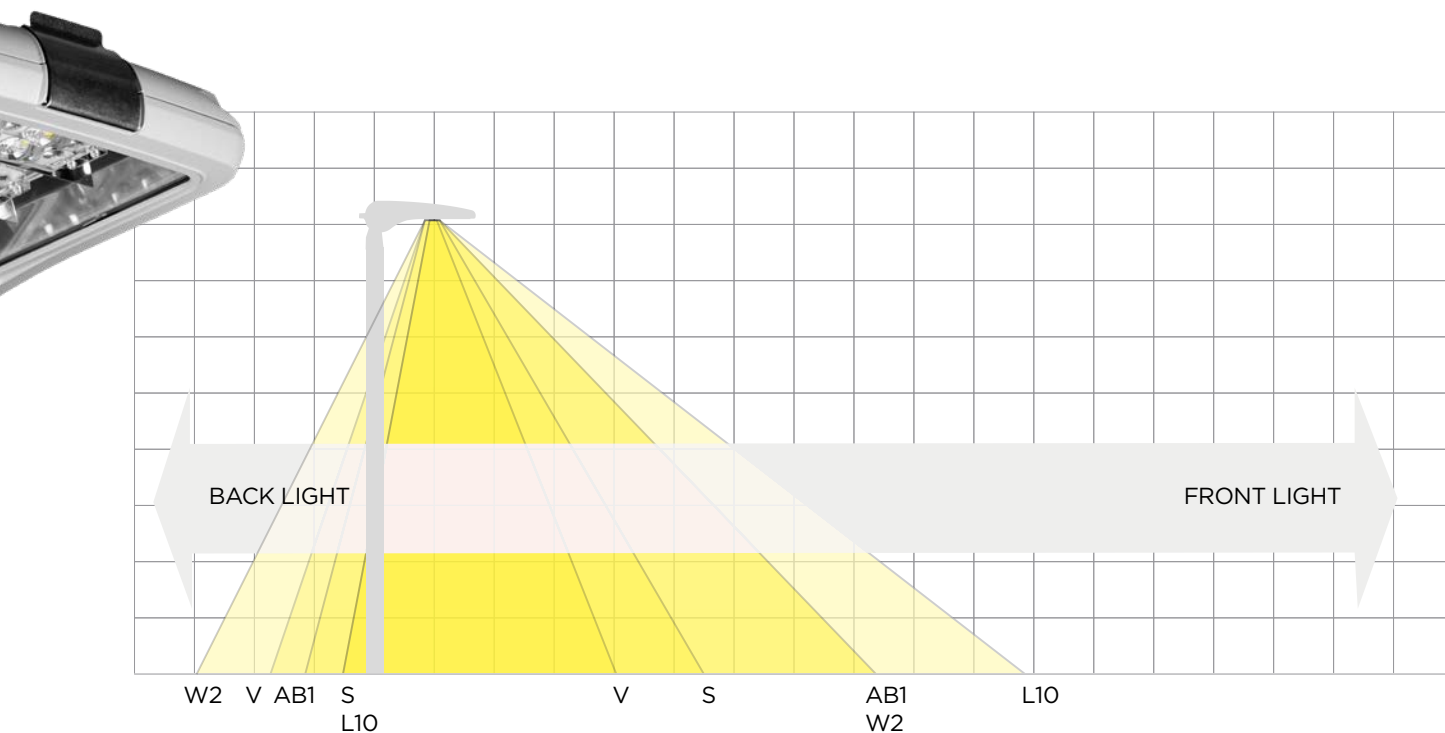
*Temperatura d'esercizio dell'apparecchio in condizioni normali. Questa indicazione non esclude il funzionamento temporaneo dell'apparecchio alle temperature di esercizio indicate.

MAINTAINED AVERAGE LUMINOUS FLUX ACCORDING TO LM80 - TM21 STANDARDS

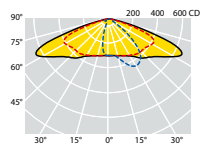
Streetlights operating temperature range*

ta 35°C	-40°C ÷ +40°C	L90B10	>100.000 hrs
ta 55°C	-40°C ÷ +55°C	L90B10	> 50.000 hrs

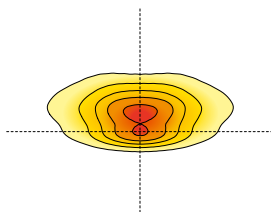
*Maximum operating temperature of the floodlights in normal conditions. This indication does not exclude temporary operation of the floodlights at the indicated operating temperatures.



AB1



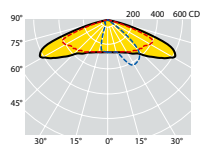
C max = 15°



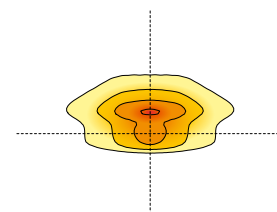
LED

Power (LED+Driver)

Flusso utile in uscita / Useful output flux @4000K CRI70



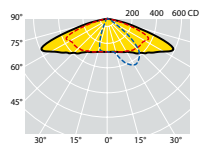
C max = 20°
LED 2mmq



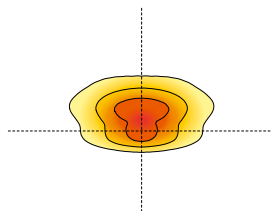
LED 2 mmq

Power (LED+Driver)

Flusso utile in uscita / Useful output flux @4000K CRI70



C max = 15°
LED 4x4mmq

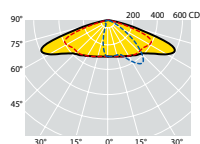


LED 4x4 mmq

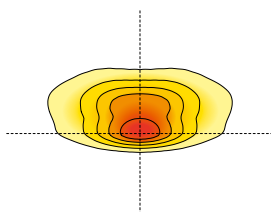
Power (LED+Driver)

Flusso utile in uscita / Useful output flux @4000K CRI70

L10



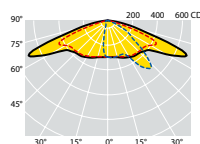
C max = 20°



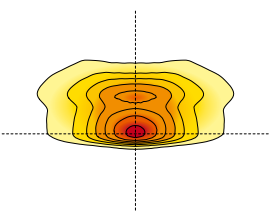
LED

Power (LED+Driver)

Flusso utile in uscita / Useful output flux @4000K CRI70



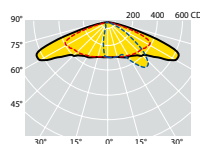
C max = 30°
LED 2mmq



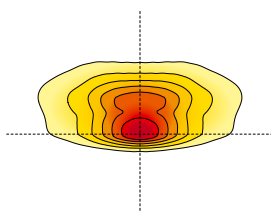
LED 2 mmq

Power (LED+Driver)

Flusso utile in uscita / Useful output flux @4000K CRI70



C max = 25°
LED 4x4mmq



LED 4x4 mmq

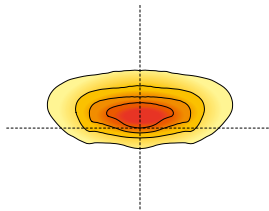
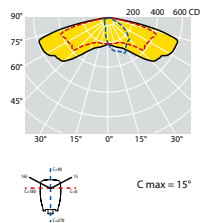
Power (LED+Driver)

Flusso utile in uscita / Useful output flux @4000K CRI70

Le Isolux sono rappresentative della distribuzione fotometrica.
Isolux lines are representative of the photometric distribution.

PROXIMO WAY		PROXIMO CITY		PROXIMO	
min	max	min	max	min	max
12W	69W	50W	106W	160W	182W
2000lm	10330lm	8130lm	15880lm	26930lm	29210lm
min	max	min	max	min	max
11W	39W	29W	52W	81W	182W
1590lm	5280lm	4230lm	7220lm	12320lm	24740lm
min	max	min	max	min	max
37W	75W	44W	158W	168W	335W
5610lm	10290lm	6960lm	22250lm	24750lm	45300lm
min	max	min	max	min	max
12W	69W	50W	106W	160W	182W
1960lm	10130lm	7960lm	15570lm	26390lm	28620m
min	max	min	max	min	max
11W	39W	29W	52W	81W	182W
1560lm	5180lm	4150lm	7070lm	12070lm	24250lm
min	max	min	max	min	max
37W	75W	44W	158W	168W	335W
5500lm	10090lm	6820lm	21800lm	24260lm	44400lm

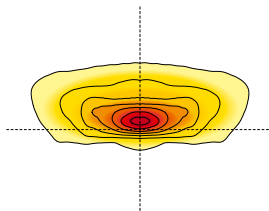
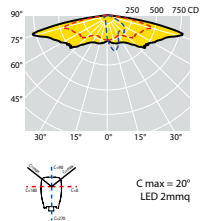
S



LED

Power (LED+Driver)

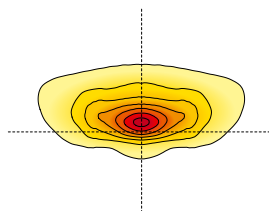
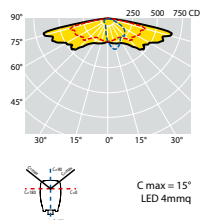
Flusso utile in uscita / Useful output flux @4000K CRI70



LED 2 mmq

Power (LED+Driver)

Flusso utile in uscita / Useful output flux @4000K CRI70

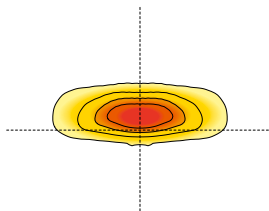
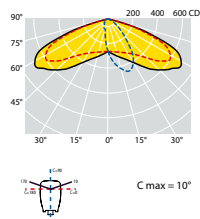


LED 4 mmq

Power (LED+Driver)

Flusso utile in uscita / Useful output flux @4000K CRI70

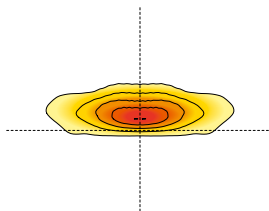
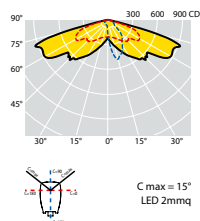
V



LED

Power (LED+Driver)

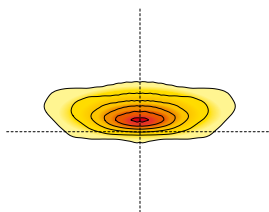
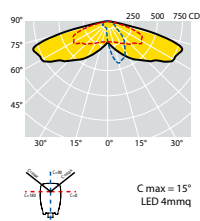
Flusso utile in uscita / Useful output flux @4000K CRI70



LED 2 mmq

Power (LED+Driver)

Flusso utile in uscita / Useful output flux @4000K CRI70



LED 4 mmq

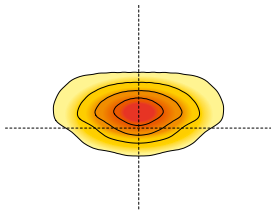
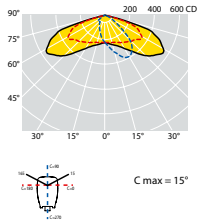
Power (LED+Driver)

Flusso utile in uscita / Useful output flux @4000K CRI70

Le Isolux sono rappresentative della distribuzione fotometrica.
Isolux lines are representative of the photometric distribution.

PROXIMO WAY		PROXIMO CITY		PROXIMO	
min	max	min	max	min	max
10W	67W	43W	114W	174W	238W
1600lm	9690lm	7060m	16650lm	26400lm	34730lm
min	max	min	max	min	max
13W	52W	40W	76W	107W	174W
1780lm	6820lm	5450lm	10010lm	14950lm	22680lm
min	max	min	max	min	max
37W	59W	76W	115W	159W	252W
5020lm	7940lm	10350lm	14240lm	22920lm	33510lm
min	max	min	max	min	max
10W	67W	43W	114W	174W	238W
1710lm	10450lm	7490lm	17930lm	27890lm	36790lm
min	max	min	max	min	max
13W	52W	40W	76W	107W	174W
1900lm	7260lm	5810lm	10650lm	15910lm	24140lm
min	max	min	max	min	max
37W	59W	76W	115W	159W	252W
5350lm	8450lm	11020lm	15230lm	24400lm	35650lm

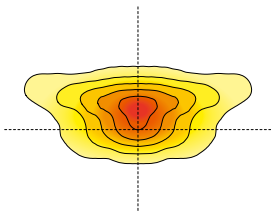
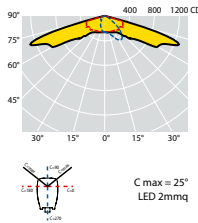
W2



LED

Power (LED+Driver)

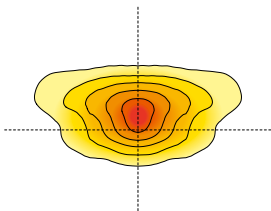
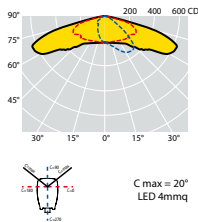
Flusso utile in uscita / Useful output flux @4000K CRI70



LED 2 mmq

Power (LED+Driver)

Flusso utile in uscita / Useful output flux @4000K CRI70



LED 4 mmq

Power (LED+Driver)

Flusso utile in uscita / Useful output flux @4000K CRI70

Le Isolux sono rappresentative della distribuzione fotometrica.
Isolux lines are representative of the photometric distribution.

PROXIMO WAY		PROXIMO CITY		PROXIMO	
min	max	min	max	min	max
10W	67W	43W	114W	174W	238W
1710lm	10450lm	7490lm	17930lm	27890lm	36790lm
min	max	min	max	min	max
13W	52W	40W	76W	107W	174W
1900lm	7260lm	5810lm	10650lm	15910lm	24140lm
min	max	min	max	min	max
37W	59W	76W	115W	159W	252W
5350lm	8450lm	11020lm	15230lm	24400lm	35650lm