



PERCORSO III

The stylish Road Lighting...

- ThermalSafe®
- GlareSafe®
- TightSafe®
- Smart Intelligent System *itouch*™
- Future Proof
- Anti Drop System

It's the sum of Innovative technology, an attractive design and simple handling that makes the Percorso III LED Roadway Lighting a stylish and easy to handle design. Thanks to state-of-the-art LED and unique reflector technology, it illuminates the road section efficiently, reliably and according to target. Further energy savings are possible via switching concepts for power reduction.

Percorso III Roadway Lighting luminaires are powered by the Gruppe Crystal OpticLED™ platform, and featuring innovative thermal management design, offers exceptional performance and value. This versatile luminaire can be tailored to the unique specifications of each project by offering multiple drivers, wattage options and dimming options to further maximize energy savings and provide the most cost-effective solution.

Using state-of-the-art technology, Percorso III luminaires have been designed to fulfill the FutureProof concept. The photometric engine is IP 66 sealed to protect the LEDs and lenses from coming into contact with the outside environment and so maintain photometric performance over time.

Application

Perimeter, roadway, parking, compound, garden & etc
Architectural and landscape.

Features

- High pressure die cast aluminium alloy housing.
- Corrosion resistant.
- Finished with polyester powder paint.
- Tool free maintenance
- Easy access from the top for maintenance.
- Easy replacement of the entire LED module and electronic system by removing the top cover. "Plug and Play" system.
- Standard colour grey.
- Anti-aging silicone rubber gasket.
- Clear tempered glass protector.
- Adjustable mounting spigot for tilting and mounting flexibility on pole top and side entry.
- Double Clip on closure.
- Operating temperature (Ta) -25°C - 50°C.
- Dimming and smart lighting system available upon request.*

Characteristic

Light source	:	High power LED
Power correction factor	:	> 0.9
Insulation	:	Class 1
Compliance	:	IEC 60598-1, IEC 60598-2-3 IEC 62722
Ingress Protection (IP)	:	IP 66
Protection against surge (SPD)	:	10KA - 20KA
Colour rendering (CRI)	:	≥ 70
Colour temperature (CCT)	:	3000K - 6000K
		<i>Other CCT & CRI available upon request</i>
Weight	:	5.7 kg - 15.5 kg

Option : Remote Control System & Smart Intelligent System available upon request

IOT Ready

Robust & Sleek design

ThermalSafe® Thermal system

Energy saving with remote control system

Network for smart intelligent system

GlareSafe® Multiple lens

TightSafe®



GlareSafe® Multiple lens

Easy maintenance. The luminaire can be serviced by top opening.



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The luminaires various sizes and its photometric versatility makes it perfectly suited to multiple roadway & public lighting applications
The lighting distribution provides for good visibility on the roads revealing possible hazards and enhancing safety



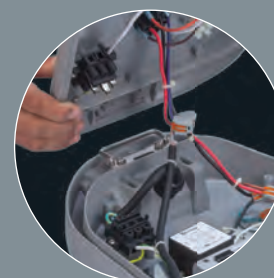
Tool Free Opening Clip



High Power LED



Top Opening Easy Maintenance



Knife Switch



Side Entry



Post Top

Specification

Type	Percorso III
Light source	Integral LED-module
Wattage	40W ~ 320W
Nominal efficacy	120 ~ 140 lm/W
Color temperature (CCT)	3000K ~ 6000K
Color rendering Index (CRI)	≥ 70 <i>Other CRI available upon request (≥ 80, ≥ 90)</i>
Useful life	50,000 hours - Base on the light source
Operating temperature range (Ta)	-25°C ~ 50°C
Driver	Built-in electronic system
Main voltage	100-277V / 50-60Hz
Options	Dimming system photocell Nema socket (7 pin)
Optical lens photometry	T2A, T3A, T4A, T3, T4, T5, T12, T13, T14 <i>* Refer to the Lens application page</i>
Material	Housing : high pressure die-cast aluminium alloy Protector : Clear tempered flat glass Finishing : polyester powder paint
Color	Grey Other RAL colors available on request
Maintenance	Easy access from the back Easy maintenance.
Installation	Recommended mounting height : 6m ~ 18m

Ordering Code Dimmensions

Code	Wattage	Leds	Nominal Flux	a	b	c	d
PE330040	40W	24	5200	525	102	250	60
PE330060	60W	24	7800	525	102	250	60
PE330080	80W	32	10400	625	102	288	60
PE330100	100W	48	13000	625	102	288	60
PE330120	120W	64	15600	775	102	320	60
PE330150	150W	64	19500	775	102	320	60
PE330180	180W	64	23400	775	102	320	60
PE330200	200W	144	26000	950	110	438	76
PE330240	240W	144	31200	950	110	438	76
PE330280	280W	144	36400	950	110	438	76
PE330320	320W	168	41600	950	110	438	76

* The above ordering code is base on CCT-3000K

