

# SM 60W

## LED PEDESTRIAN CROSSING LIGHT

WORLDWIDE POWERED

ACTIVE POWER FACTOR CORRECTION (PFC)

ADAPTIVE ROTATION INSTALLATION FRAME, RETROFIT WISE

LEDs – 160 LM/W

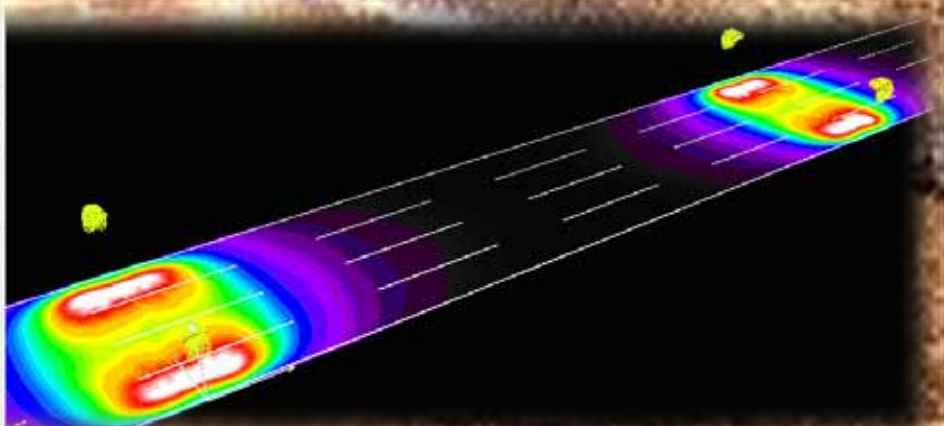
ZERO LIGHT POLLUTION

AUTOMATIC ECONOMY LATE NIGHT DIMMING \*

### SM60W

- HIGH ENERGY EFFICIENCY
- NO MAINTENANCE COSTS
- LONG LIFECYCLE
- HIGH QUALITY AREA ILLUMINATION
- ERGONOMICAL – CLOSE TO NATURAL LIGHT
- ECOLOGICAL – MERCURY AND LEAD FREE

False Colours	
illuminances	
	48.00 lx
	42.00 lx
	36.00 lx
	30.00 lx
	24.00 lx
	18.00 lx
	12.00 lx
	6.00 lx
	0.00 lx



# SM 60W



2 lanes x 3,5 m streets 1 lamp H = 4,0 m  
4 lanes x 3,5 m streets 2 lamps H = 4,0 m

## SPECIFICATIONS

AC Input Voltage	90 ÷ 305 V AC
DC Input Voltage	127 ÷ 431 V DC
Mains Frequency	47 ÷ 63 Hz
Power Factor (PF) at 230 V	min 95 %
Power Factor (PF) at 115 V	min 98 %
LED Power Dissipation	56.7 W
Power Efficiency	90 %
Total Power Dissipation	63 W
LED Light Output	160 lm/W
Current Efficiency	81 %
LED Luminous Flux	7 394 lm
Junction Temperature at Ta = 25°C	70°C
Thermal Efficiency	91 %
Lens Efficiency	92 %
Real Luminaire Efficacy (LER)	98 lm/W
Color Rendering Index (CRI)	65 ÷ 80
Real Lamp Luminous Flux for:	
Cool White (CRI 65)	6 190 lm
Neutral White (CRI 75)	5 740 lm
Warm White (CRI 80)	4 860 lm
Zero Light Pollution	0 cd at 90°
Operating Temperature	- 40° ÷ +45°C
Operating Humidity	10 ÷ 95 % RH
Lifespan L70	> 160 000 h
Ingress protection rating	IP 65
Electrical Safety Class	Class II
Polycarbonate optical cover	optional

## MECHANICAL CONSTRUCTION

Marine Grade Aluminium Alloy Body	
Stainless Steel Rotation Mechanism	115° (- 90° ÷ +15°)
Installation Diameter	ø 42 ÷ ø 76 mm
Dimensions	530 x 180 x 80 mm
Weight	3,6 kg

## Additional deliveries

- Zink plated metal poles height 4 m
- Means of fixing the pole underground / fundament

## Optional late night dimming

Standart: 50 % illuminance decreasing after 4 hours till 1 h before dawn;  
Optional illuminance decreasing – 20 ÷ 90 %;  
Optional dimming start – 2 ÷ 8 hours;  
Optional dimming stop – 0.5 ÷ 3 h before dawn.

C E EN61000-6-3:1997, EN61000-6-1:1997  
Quality Assurance ISO 9001:2000; AQAP 2110



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