

# SM 10

## LED STREET LIGHT

WORLDWIDE POWERED

ADAPTIVE ROTATION INSTALLATION FRAME, RETROFIT WISE

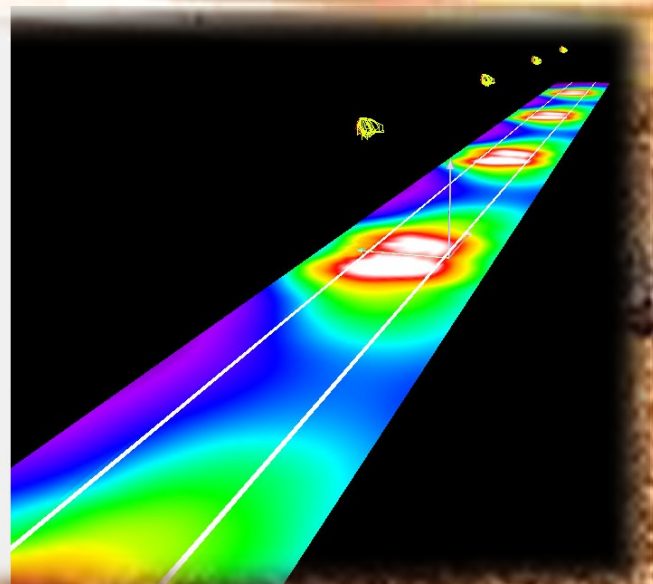
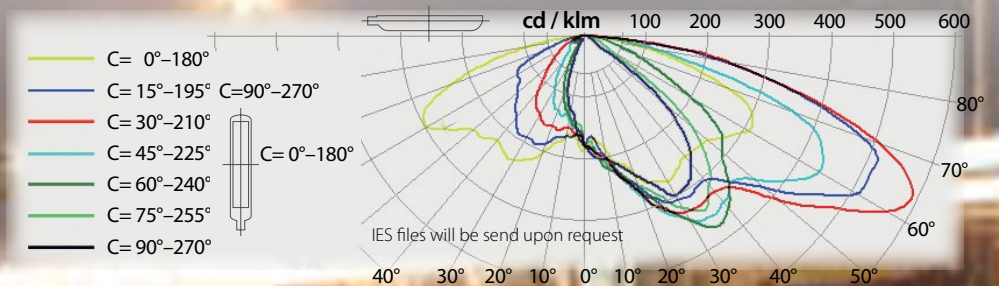
LEDs – 148 LM/W

EXTREMELY WIDE ASYMMETRIC LENSES

ZERO LIGHT POLLUTION

### SM 10

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



# SM10

## SPECIFICATIONS

AC Input Voltage	180÷264V AC or 90÷132V AC
DC Input Voltage	257÷370V DC or 127÷186V DC
Mains Frequency	47÷63 Hz
LED Power	8.9W
Power Efficiency	81 %
Total Power	11 W
LED Light Output	148 lm/W
Current Efficiency	74 %
LED Luminous Flux	1134 lm
Junction Temperature at Ta = 25°C	60°C
Thermal Efficiency	93 %
Lens Efficiency	92 %
Real Luminaire Efficacy (LER)	88 lm/W
Color Rendering Index (CRI)	65÷80
Real Lamp Luminous Flux for:	
Cool White (5000-7000 K)	970 lm
Neutral White (3700-5000 K)	900 lm
Warm White (2600-3700 K)	760 lm
Zero Light Pollution	0 cd at 90 deg
Operating Temperature	-40°÷ +55°C
Operating Humidity	10 ÷ 95 % RH
Lifespan L70	>120 000 h
Ingress protection rating	IP 65
Electrical Safety Class	Class II

## MECHANICAL CONSTRUCTION

Body	Marine Grade Aluminium Alloy
Polycarbonate optical cover	optional
Stainless Steel Rotation Mechanism	102° (-90° ÷ +12°)
Installation Diameter	ø 42 ÷ ø 76 mm
Dimensions	320 x 180 x 80 mm
Weight	2.2 kg

## Additional deliveries

- Zink plated metal poles
- Means of fixing the pole underground / fundament
- Optional kit for mounting one or two lamps sideways to the pole ø 70÷200 mm



## SM10 Application According EU Standards

1 lane x 4 m ME5 streets L = 12 m; H = 4 m  
(less than 60 km/h)

- L – Distance between the light sources (poles)  
H – Height of the light source above the ground