

Sayer

STREET LIGHT

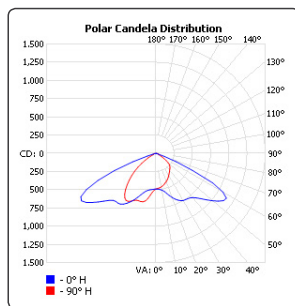


- Available in one form factor: 1M (1 module)
- Two temperatures: 4000K and 6500K
- Very wide lens angle: 150°
- Color rendering index: 80
- Efficiency at 4000K: 88lm/W
- Protection factor: IP65

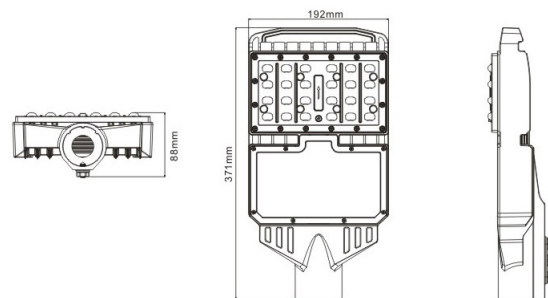
Applications

Street lights, outdoor parking places

LIGHT DISTRIBUTION



TECHNICAL DRAW



Power	31W
Dimensions	192 x 371 x 88 ± 1mm
Color Rendering	CRI80
Housing materials	Aluminium, polycarbonate
IK Code	IK08
THD (at 230V, 50Hz, full load)	<10%
Protection class	Safety class 1
Operating temperature (°C)	-40C...+55C/-40F...+131F 10
Operating humidity (%)	÷ 95
Power factor	≥0.95
AC Input	120-277 Vac
Color temperature	4000K, 6500K
Lens angle (°)	150°
Lifespan (h)	50000
Housing color	RAL 9006 - White aluminium
Color consistency	MacAdam 4
Lumen maintenance	L70/B10@50.000h at 25°C
IP Rating	IP65
Control option	-
Warranty (years)	5 years
Storage Temperature Range (°C)	-25 ... +80/-13F...+176F
Emergency option	-
Efficiency @4000K	88 lm/W
Luminous flux tolerance	+/- 5%
Consumption tolerance	TEC -/+ 5%
	TEC + KIT EM -/+10%

Risk group

RG2

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Moderate Risk (RG2)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

Maximum no. of luminaires on a circuit

Power	Amperage	Circuit Breaker Type					
		B			C		
31W-TEC		25	16	10	20	16	10
		20	13	8	-	-	-

Control type

ARTICLE NUMBER	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Efficiency (lm/watt)	Lens angle (degrees)	Weight (kg)
141010 Sayer 1MLD30R/4000/31W/80/A150	192x371x88 ± 1	4000	2710	31	88	150°	2.4
141011 Sayer 1MLD30R/6500/31W/80/A150	192x371x88 ± 1	6500	2815	31	91	150°	2.4