



Kaypro

SURFACE MOUNTED & SUSPENDED | TEC SERIES

The Kaypro product family is a set of modular luminaires designed especially for modern office environments and retail spaces, with dropped ceilings. Highly modular, easy to install and maintain. Simple and compact design that supplies the maximum visual comfort. Comes in standard ceiling dimensions of 60x60 cm, 62x62 cm and 120x30 cm. It has three mounting options: recessed, surface mounted (60 x 60 cm; 120 x 30 cm) or suspended.

The Kaypro SM Family has several series, determined by various add-on and controls:

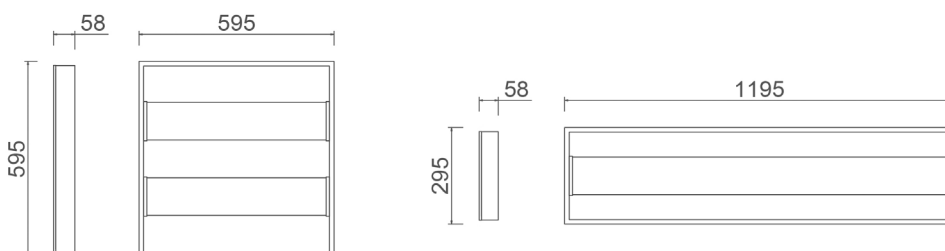
- Kaypro SM TEC – the standard for office spaces
- Kaypro SM TEC EM – with emergency lighting kit
- Kaypro SM ECO-DALI – with DALI controls for illumination adjustments
- Kaypro SM ECO-DALI EM - with both dimming and emergency kit

Features & Benefits

- CRI 80 as standard
- 4 color temperatures: 3000K, 4000K, 5000K, 6500K
- Long rated life: L90/B10@50,000h
- Luminaire efficiency: 110 lm/W @4000K
- UGR: 18-19

Applications & References

Office | Healthcare | Hospitality | DIY



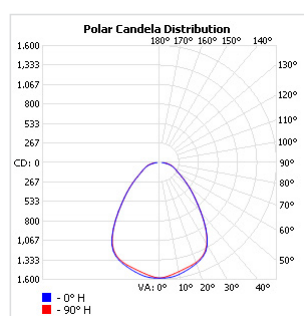
Specifications

Power consumption	32W, 38W, 50W	
Dimensions	595 x 595 x 58 ± 1mm	1195 x 295 x 58 ± 1mm
Weight	6.0Kg	6.0Kg
Housing materials	Steel sheet & Polycarbonate	
IK code	IK04	
THD (at 230V, 50Hz, Full load)	<8%	
Protection class	Safety class 1	
Operating temperature [°C]	-20 ... +45 °C / -4F ... +113F	
Operating humidity [%]	10 ÷ 85	
Power factor	≥0.95	
AC Input [Vac]	220 - 240 VAC	
Lens angle [°]	100°	
Lifespan [h]	50,000	
Housing color	○ RAL 9003 - Signal white	
Lumen maintenance	L90/B10@50.000h at 25°C	
IP factor	IP20	
Control optional	For product information please see Kaypro SM ECO-DALI datasheet	
Warranty [years]	5	
Storage temperature range [°C]	-20...+55°C / -4F ... +131F	
Emergency option	For product information please see Kaypro SM TEC EM datasheet	

Light application	Standard
CRI	CRI 80
CCT [K]	3000K/4000K/5000K/6500K
MacAdam	4

CRI - Color rendering, CCT - Color temperature, MacAdam - Color consistency

Light distribution



A110

RISK GROUP**RG1**

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 "Low Risk (RG1 – No photobiological hazard under normal behavioral limitations)". 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.

TOLERANCES

Luminous flux tolerances: -/+ 5%

Consumption tolerance: -/+ 5% for TEC | -/+ 10% for TEC & KIT EM | -/+ 10% for ECO-DALI | -/+ 15% for ECO-DALI & KIT EM

BATTERY WARRANTY

TEC EM & ECO EM: 12 months warranty

TEC & ECO: -

MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT

Power	Driver type	Control type	Circuit Breaker Type						
			Amperage	B			C		
				20	16	10	20	16	10
< 50W		TEC		37	30	18	62	51	31
≥ 50W		TEC		37	30	18	62	51	31
< 80W		ECO		27	21	13	45	35	21

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
111000 Kaypro 2L 6060/SM/3000/32W/80	595 x 595 x 58 ± 1mm	3000	3350	32W	105	100°
111001 Kaypro 2L 6060/SM/4000/32W/80	595 x 595 x 58 ± 1mm	4000	3490	32W	110	100°
111002 Kaypro 2L 6060/SM/5000/32W/80	595 x 595 x 58 ± 1mm	5000	3585	32W	113	100°
111003 Kaypro 2L 6060/SM/6500/32W/80	595 x 595 x 58 ± 1mm	6500	3490	32W	110	100°
111004 Kaypro 2L 6060/SM/3000/38W/80	595 x 595 x 58 ± 1mm	3000	3940	38W	104	100°
111005 Kaypro 2L 6060/SM/4000/38W/80	595 x 595 x 58 ± 1mm	4000	4105	38W	109	100°
111006 Kaypro 2L 6060/SM/5000/38W/80	595 x 595 x 58 ± 1mm	5000	4215	38W	111	100°
111007 Kaypro 2L 6060/SM/6500/38W/80	595 x 595 x 58 ± 1mm	6500	4105	38W	109	100°
111008 Kaypro 2L 6060/SM/3000/50W/80	595 x 595 x 58 ± 1mm	3000	4825	50W	97	100°
111009 Kaypro 2L 6060/SM/4000/50W/80	595 x 595 x 58 ± 1mm	4000	5030	50W	101	100°
111010 Kaypro 2L 6060/SM/5000/50W/80	595 x 595 x 58 ± 1mm	5000	5165	50W	104	100°
111011 Kaypro 2L 6060/SM/6500/50W/80	595 x 595 x 58 ± 1mm	6500	5030	50W	101	100°
111024 Kaypro 1L 12030/SM/3000/32W/80	1195 x 295 x 58 ± 1mm	3000	3350	32W	105	100°
111025 Kaypro 1L 12030/SM/4000/32W/80	1195 x 295 x 58 ± 1mm	4000	3490	32W	110	100°
111026 Kaypro 1L 12030/SM/5000/32W/80	1195 x 295 x 58 ± 1mm	5000	3585	32W	113	100°
111027 Kaypro 1L 12030/SM/6500/32W/80	1195 x 295 x 58 ± 1mm	6500	3490	32W	110	100°
111028 Kaypro 1L 12030/SM/3000/38W/80	1195 x 295 x 58 ± 1mm	3000	3940	38W	104	100°
111029 Kaypro 1L 12030/SM/4000/38W/80	1195 x 295 x 58 ± 1mm	4000	4105	38W	109	100°
111030 Kaypro 1L 12030/SM/5000/38W/80	1195 x 295 x 58 ± 1mm	5000	4215	38W	111	100°
111031 Kaypro 1L 12030/SM/6500/38W/80	1195 x 295 x 58 ± 1mm	6500	4105	38W	109	100°
111032 Kaypro 1L 12030/SM/3000/50W/80	1195 x 295 x 58 ± 1mm	3000	4825	50W	97	100°
111033 Kaypro 1L 12030/SM/4000/50W/80	1195 x 295 x 58 ± 1mm	4000	5030	50W	101	100°
111034 Kaypro 1L 12030/SM/5000/50W/80	1195 x 295 x 58 ± 1mm	5000	5165	50W	104	100°
111035 Kaypro 1L 12030/SM/6500/50W/80	1195 x 295 x 58 ± 1mm	6500	5030	50W	101	100°