



## Kaypro

### SURFACE MOUNTED & SUSPENDED | ECO-DALI EM 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:

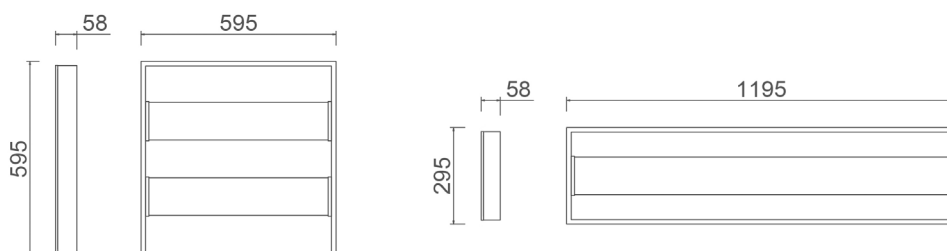
- Kaypro SM TEC – the standard for office spaces
- Kaypro SM TEC EM – with emergency lighting kit
- Kaypro SM ECO-DALI – with DALI controls for illumination adjustments
- Kaypro SM ECO-DALI EM - with both dimming and emergency kit

### 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



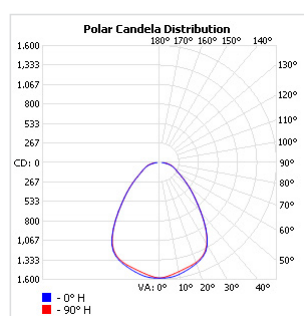
## Specifications

Power consumption	32W, 38W, 50W	
Dimensions	595 x 595 x 58 ± 1mm	1195 x 295 x 58 ± 1mm
Weight	6.3 - 6.4Kg	6.3 - 6.4Kg
Housing materials	Steel sheet & Polycarbonate	
IK code	IK04	
THD (at 230V, 50Hz, Full load)	<8%	
Protection class	Safety class 1	
Operating temperature [°C]	+5C...+45C/+41F...+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	ECO-DALI	
Warranty [years]	5	
Storage temperature range [°C]	+5C...+25C/+41F...+77F	
Emergency option	EM1H, EM3H	

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**

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**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**

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**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**

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**TEC EM & ECO EM:** 12 months warranty

**TEC & ECO:** -

**MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT**

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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 (°)
<b>CRI 80</b>						
211072 Kaypro 2L 6060/SM/3000/32W/80/EM1H	595 x 595 x 58 ± 1mm	3000	3350	32W	105	100°
211073 Kaypro 2L 6060/SM/4000/32W/80/EM1H	595 x 595 x 58 ± 1mm	4000	3490	32W	110	100°
211074 Kaypro 2L 6060/SM/5000/32W/80/EM1H	595 x 595 x 58 ± 1mm	5000	3585	32W	113	100°
211075 Kaypro 2L 6060/SM/6500/32W/80/EM1H	595 x 595 x 58 ± 1mm	6500	3490	32W	110	100°
211076 Kaypro 2L 6060/SM/3000/38W/80/EM1H	595 x 595 x 58 ± 1mm	3000	3940	38W	104	100°
211077 Kaypro 2L 6060/SM/4000/38W/80/EM1H	595 x 595 x 58 ± 1mm	4000	4105	38W	109	100°
211078 Kaypro 2L 6060/SM/5000/38W/80/EM1H	595 x 595 x 58 ± 1mm	5000	4215	38W	111	100°
211079 Kaypro 2L 6060/SM/6500/38W/80/EM1H	595 x 595 x 58 ± 1mm	6500	4105	38W	109	100°
211080 Kaypro 2L 6060/SM/3000/50W/80/EM1H	595 x 595 x 58 ± 1mm	3000	4825	50W	97	100°
211081 Kaypro 2L 6060/SM/4000/50W/80/EM1H	595 x 595 x 58 ± 1mm	4000	5030	50W	101	100°
211082 Kaypro 2L 6060/SM/5000/50W/80/EM1H	595 x 595 x 58 ± 1mm	5000	5165	50W	104	100°
211083 Kaypro 2L 6060/SM/6500/50W/80/EM1H	595 x 595 x 58 ± 1mm	6500	5030	50W	101	100°
211144 Kaypro 2L 6060/SM/3000/32W/80/EM3H	595 x 595 x 58 ± 1mm	3000	3350	32W	105	100°
211145 Kaypro 2L 6060/SM/4000/32W/80/EM3H	595 x 595 x 58 ± 1mm	4000	3490	32W	110	100°
211146 Kaypro 2L 6060/SM/5000/32W/80/EM3H	595 x 595 x 58 ± 1mm	5000	3585	32W	113	100°
211147 Kaypro 2L 6060/SM/6500/32W/80/EM3H	595 x 595 x 58 ± 1mm	6500	3490	32W	110	100°
211148 Kaypro 2L 6060/SM/3000/38W/80/EM3H	595 x 595 x 58 ± 1mm	3000	3940	38W	104	100°
211149 Kaypro 2L 6060/SM/4000/38W/80/EM3H	595 x 595 x 58 ± 1mm	4000	4105	38W	109	100°
211150 Kaypro 2L 6060/SM/5000/38W/80/EM3H	595 x 595 x 58 ± 1mm	5000	4215	38W	111	100°
211151 Kaypro 2L 6060/SM/6500/38W/80/EM3H	595 x 595 x 58 ± 1mm	6500	4105	38W	109	100°
211152 Kaypro 2L 6060/SM/3000/50W/80/EM3H	595 x 595 x 58 ± 1mm	3000	4825	50W	97	100°
211153 Kaypro 2L 6060/SM/4000/50W/80/EM3H	595 x 595 x 58 ± 1mm	4000	5030	50W	101	100°
211154 Kaypro 2L 6060/SM/5000/50W/80/EM3H	595 x 595 x 58 ± 1mm	5000	5165	50W	104	100°
211155 Kaypro 2L 6060/SM/6500/50W/80/EM3H	595 x 595 x 58 ± 1mm	6500	5030	50W	101	100°
211096 Kaypro 1L 12030/SM/3000/32W/80/EM1H	1195 x 295 x 58 ± 1mm	3000	3350	32W	105	100°
211097 Kaypro 1L 12030/SM/4000/32W/80/EM1H	1195 x 295 x 58 ± 1mm	4000	3490	32W	110	100°
211098 Kaypro 1L 12030/SM/5000/32W/80/EM1H	1195 x 295 x 58 ± 1mm	5000	3585	32W	113	100°
211099 Kaypro 1L 12030/SM/6500/32W/80/EM1H	1195 x 295 x 58 ± 1mm	6500	3490	32W	110	100°
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211175 Kaypro 1L 12030/SM/6500/38W/80/EM3H	1195 x 295 x 58 ± 1mm	6500	4105	38W	109	100°
211176 Kaypro 1L 12030/SM/3000/50W/80/EM3H	1195 x 295 x 58 ± 1mm	3000	4825	50W	97	100°
211177 Kaypro 1L 12030/SM/4000/50W/80/EM3H	1195 x 295 x 58 ± 1mm	4000	5030	50W	101	100°
211178 Kaypro 1L 12030/SM/5000/50W/80/EM3H	1195 x 295 x 58 ± 1mm	5000	5165	50W	104	100°
211179 Kaypro 1L 12030/SM/6500/50W/80/EM3H	1195 x 295 x 58 ± 1mm	6500	5030	50W	101	100°

Technical specifications can be modified without prior notice. All information is property of Greentek Lighting.

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