



Kaypro

RECESSED | 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 RE Family has several series, determined by various add-on and controls:

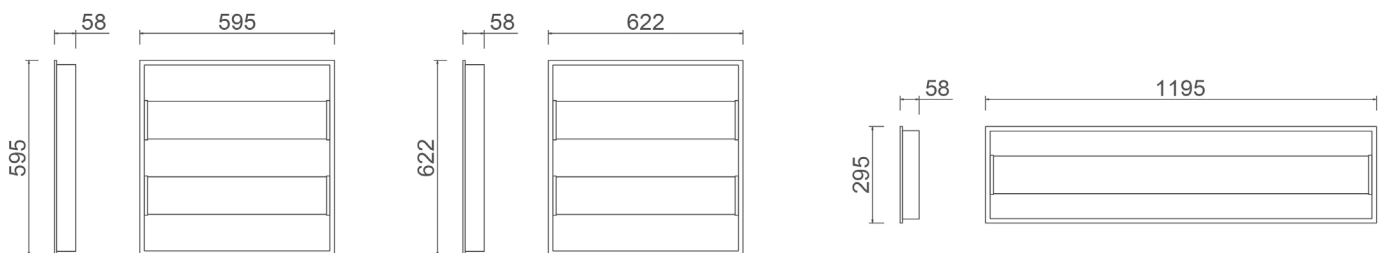
- **Kaypro RE TEC – the standard for office spaces**
- Kaypro RE TEC EM – with emergency lighting kit
- Kaypro RE ECO-DALI – with DALI controls for illumination adjustments
- Kaypro RE ECO-DALI EM - with both dimming and emergency kit

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



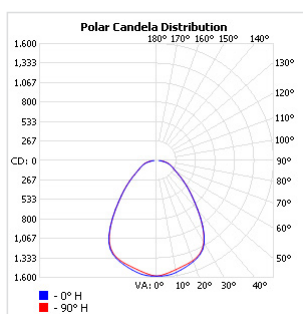
Specifications

Power consumption	32W, 38W, 50W		
Dimensions	595 x 595 x 58 ± 1mm	622 x 622 x 58 ± 1mm	1195 x 295 x 58 ± 1mm
Weight	6.0Kg	6.6Kg	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 RE ECO-DALI datasheet		
Warranty [years]	5		
Storage temperature range [°C]	-20...+55°C / -4F ... +131F		
Emergency option	For product information please see Kaypro RE 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						
111012 Kaypro 2L 6060/RE/3000/32W/80	595 x 595 x 58 ± 1mm	3000	3350	32W	105	100°
111013 Kaypro 2L 6060/RE/4000/32W/80	595 x 595 x 58 ± 1mm	4000	3490	32W	110	100°
111014 Kaypro 2L 6060/RE/5000/32W/80	595 x 595 x 58 ± 1mm	5000	3585	32W	113	100°
111015 Kaypro 2L 6060/RE/6500/32W/80	595 x 595 x 58 ± 1mm	6500	3490	32W	110	100°
111016 Kaypro 2L 6060/RE/3000/38W/80	595 x 595 x 58 ± 1mm	3000	3940	38W	104	100°
111017 Kaypro 2L 6060/RE/4000/38W/80	595 x 595 x 58 ± 1mm	4000	4105	38W	109	100°
111018 Kaypro 2L 6060/RE/5000/38W/80	595 x 595 x 58 ± 1mm	5000	4215	38W	111	100°
111019 Kaypro 2L 6060/RE/6500/38W/80	595 x 595 x 58 ± 1mm	6500	4105	38W	109	100°
111020 Kaypro 2L 6060/RE/3000/50W/80	595 x 595 x 58 ± 1mm	3000	4825	50W	97	100°
111021 Kaypro 2L 6060/RE/4000/50W/80	595 x 595 x 58 ± 1mm	4000	5030	50W	101	100°
111022 Kaypro 2L 6060/RE/5000/50W/80	595 x 595 x 58 ± 1mm	5000	5165	50W	104	100°
111023 Kaypro 2L 6060/RE/6500/50W/80	595 x 595 x 58 ± 1mm	6500	5030	50W	101	100°
111060 Kaypro 2L 6262/RE/3000/32W/80	622 x 622 x 58 ± 1mm	3000	3350	32W	105	100°
111061 Kaypro 2L 6262/RE/4000/32W/80	622 x 622 x 58 ± 1mm	4000	3490	32W	110	100°
111062 Kaypro 2L 6262/RE/5000/32W/80	622 x 622 x 58 ± 1mm	5000	3585	32W	113	100°
111063 Kaypro 2L 6262/RE/6500/32W/80	622 x 622 x 58 ± 1mm	6500	3490	32W	110	100°
111064 Kaypro 2L 6262/RE/3000/38W/80	622 x 622 x 58 ± 1mm	3000	3940	38W	104	100°
111065 Kaypro 2L 6262/RE/4000/38W/80	622 x 622 x 58 ± 1mm	4000	4105	38W	109	100°
111066 Kaypro 2L 6262/RE/5000/38W/80	622 x 622 x 58 ± 1mm	5000	4215	38W	111	100°
111067 Kaypro 2L 6262/RE/6500/38W/80	622 x 622 x 58 ± 1mm	6500	4105	38W	109	100°
111068 Kaypro 2L 6262/RE/3000/50W/80	622 x 622 x 58 ± 1mm	3000	4825	50W	97	100°
111069 Kaypro 2L 6262/RE/4000/50W/80	622 x 622 x 58 ± 1mm	4000	5030	50W	101	100°
111070 Kaypro 2L 6262/RE/5000/50W/80	622 x 622 x 58 ± 1mm	5000	5165	50W	104	100°
111071 Kaypro 2L 6262/RE/6500/50W/80	622 x 622 x 58 ± 1mm	6500	5030	50W	101	100°
111036 Kaypro 1L 12030/RE/3000/32W/80	1195 x 295 x 58 ± 1mm	3000	3350	32W	105	100°
111037 Kaypro 1L 12030/RE/4000/32W/80	1195 x 295 x 58 ± 1mm	4000	3490	32W	110	100°
111038 Kaypro 1L 12030/RE/5000/32W/80	1195 x 295 x 58 ± 1mm	5000	3585	32W	113	100°
111039 Kaypro 1L 12030/RE/6500/32W/80	1195 x 295 x 58 ± 1mm	6500	3490	32W	110	100°
111040 Kaypro 1L 12030/RE/3000/38W/80	1195 x 295 x 58 ± 1mm	3000	3940	38W	104	100°
111041 Kaypro 1L 12030/RE/4000/38W/80	1195 x 295 x 58 ± 1mm	4000	4105	38W	109	100°
111042 Kaypro 1L 12030/RE/5000/38W/80	1195 x 295 x 58 ± 1mm	5000	4215	38W	111	100°
111043 Kaypro 1L 12030/RE/6500/38W/80	1195 x 295 x 58 ± 1mm	6500	4105	38W	109	100°
111044 Kaypro 1L 12030/RE/3000/50W/80	1195 x 295 x 58 ± 1mm	3000	4825	50W	97	100°
111045 Kaypro 1L 12030/RE/4000/50W/80	1195 x 295 x 58 ± 1mm	4000	5030	50W	101	100°
111046 Kaypro 1L 12030/RE/5000/50W/80	1195 x 295 x 58 ± 1mm	5000	5165	50W	104	100°
111047 Kaypro 1L 12030/RE/6500/50W/80	1195 x 295 x 58 ± 1mm	6500	5030	50W	101	100°