

Kaypro Phonic-Absorbent

RECESSED | ECO-DALI SERIES

Kaypro PA is a sleek, minimalist luminaire, proven to provide high visual comfort and sound-absorption. Especially suitable for noisy offices, call-centers or companies that sell sound equipment. Promoting the smart lighting technology, this luminaire distributes the light in a pleasant way while contributing to a harmonious working atmosphere.

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

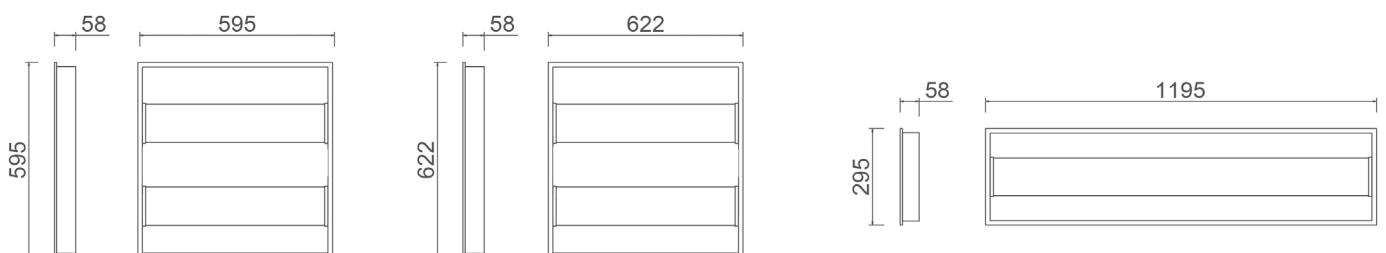
- Kaypro PA RE TEC the standard sound-absorbent for office spaces
- Kaypro PA RE TEC EM with emergency kits of 1h and 3h
- [Kaypro PA RE ECO-DALI with DALI control option for illumination adjustments](#)
- Kaypro PA RE ECO-DALI EM with both dimming and emergency

FEATURES & BENEFITS

- Sound-absorbent: the noise reduction coefficient is 0.4, meaning reflected noise is reduced by 40% (as measured by ISO 354:2004 and ISO 11654:2005)
- Easy to install into a variety of ceiling types due to its modular concept
- Several color temperatures: 3000K, 4000K, 5000K and 6500K
- CRI 80 as standard
- Long rated life: L90/B10@50,000h
- Luminaire efficiency: 110 lm/W @4000K
- Equipped with 1h & 3h emergency kit
- UGR: 18-19

APPLICATION

Office | Healthcare | Hospitality | DIY



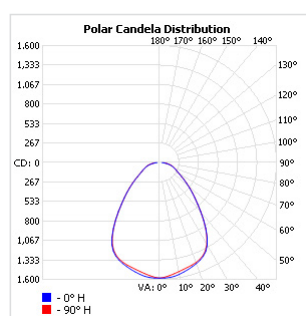
Specificații

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]	+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]	-20...+55°C / -4F ... +131F		
Emergency option	For more information please see Kaypro PA RE ECO-DALI EM datasheet		
Phonic absorbtion [αW]	0.4		

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						
211300 Kaypro 2L 6060/RE/3000/32W/80/PA	595 x 595 x 58 ± 1mm	3000	3350	32W	105	100°
211301 Kaypro 2L 6060/RE/4000/32W/80/PA	595 x 595 x 58 ± 1mm	4000	3490	32W	110	100°
211302 Kaypro 2L 6060/RE/5000/32W/80/PA	595 x 595 x 58 ± 1mm	5000	3585	32W	113	100°
211303 Kaypro 2L 6060/RE/6500/32W/80/PA	595 x 595 x 58 ± 1mm	6500	3490	32W	110	100°
211304 Kaypro 2L 6060/RE/3000/38W/80/PA	595 x 595 x 58 ± 1mm	3000	3940	38W	104	100°
211305 Kaypro 2L 6060/RE/4000/38W/80/PA	595 x 595 x 58 ± 1mm	4000	4105	38W	109	100°
211306 Kaypro 2L 6060/RE/5000/38W/80/PA	595 x 595 x 58 ± 1mm	5000	4215	38W	111	100°
211307 Kaypro 2L 6060/RE/6500/38W/80/PA	595 x 595 x 58 ± 1mm	6500	4105	38W	109	100°
211308 Kaypro 2L 6060/RE/3000/50W/80/PA	595 x 595 x 58 ± 1mm	3000	4825	50W	97	100°
211309 Kaypro 2L 6060/RE/4000/50W/80/PA	595 x 595 x 58 ± 1mm	4000	5030	50W	101	100°
211310 Kaypro 2L 6060/RE/5000/50W/80/PA	595 x 595 x 58 ± 1mm	5000	5165	50W	104	100°
211311 Kaypro 2L 6060/RE/6500/50W/80/PA	595 x 595 x 58 ± 1mm	6500	5030	50W	101	100°
211348 Kaypro 2L 6262/RE/3000/32W/80/PA	622 x 622 x 58 ± 1mm	3000	3350	32W	105	100°
211349 Kaypro 2L 6262/RE/4000/32W/80/PA	622 x 622 x 58 ± 1mm	4000	3490	32W	110	100°
211350 Kaypro 2L 6262/RE/5000/32W/80/PA	622 x 622 x 58 ± 1mm	5000	3585	32W	113	100°
211351 Kaypro 2L 6262/RE/6500/32W/80/PA	622 x 622 x 58 ± 1mm	6500	3490	32W	110	100°
211352 Kaypro 2L 6262/RE/3000/38W/80/PA	622 x 622 x 58 ± 1mm	3000	3940	38W	104	100°
211353 Kaypro 2L 6262/RE/4000/38W/80/PA	622 x 622 x 58 ± 1mm	4000	4105	38W	109	100°
211354 Kaypro 2L 6262/RE/5000/38W/80/PA	622 x 622 x 58 ± 1mm	5000	4215	38W	111	100°
211355 Kaypro 2L 6262/RE/6500/38W/80/PA	622 x 622 x 58 ± 1mm	6500	4105	38W	109	100°
211356 Kaypro 2L 6262/RE/3000/50W/80/PA	622 x 622 x 58 ± 1mm	3000	4825	50W	97	100°
211357 Kaypro 2L 6262/RE/4000/50W/80/PA	622 x 622 x 58 ± 1mm	4000	5030	50W	101	100°
211358 Kaypro 2L 6262/RE/5000/50W/80/PA	622 x 622 x 58 ± 1mm	5000	5165	50W	104	100°
211359 Kaypro 2L 6262/RE/6500/50W/80/PA	622 x 622 x 58 ± 1mm	6500	5030	50W	101	100°
211324 Kaypro 1L 12030/RE/3000/32W/80/PA	1195 x 295 x 58 ± 1mm	3000	3350	32W	105	100°
211325 Kaypro 1L 12030/RE/4000/32W/80/PA	1195 x 295 x 58 ± 1mm	4000	3490	32W	110	100°
211326 Kaypro 1L 12030/RE/5000/32W/80/PA	1195 x 295 x 58 ± 1mm	5000	3585	32W	113	100°
211327 Kaypro 1L 12030/RE/6500/32W/80/PA	1195 x 295 x 58 ± 1mm	6500	3490	32W	110	100°
211328 Kaypro 1L 12030/RE/3000/38W/80/PA	1195 x 295 x 58 ± 1mm	3000	3940	38W	104	100°
211329 Kaypro 1L 12030/RE/4000/38W/80/PA	1195 x 295 x 58 ± 1mm	4000	4105	38W	109	100°
211330 Kaypro 1L 12030/RE/5000/38W/80/PA	1195 x 295 x 58 ± 1mm	5000	4215	38W	111	100°
211331 Kaypro 1L 12030/RE/6500/38W/80/PA	1195 x 295 x 58 ± 1mm	6500	4105	38W	109	100°
211332 Kaypro 1L 12030/RE/3000/50W/80/PA	1195 x 295 x 58 ± 1mm	3000	4825	50W	97	100°
211333 Kaypro 1L 12030/RE/4000/50W/80/PA	1195 x 295 x 58 ± 1mm	4000	5030	50W	101	100°
211334 Kaypro 1L 12030/RE/5000/50W/80/PA	1195 x 295 x 58 ± 1mm	5000	5165	50W	104	100°
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