



## Kaypro Phonic-Absorbent

### RECESSED | TEC 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:

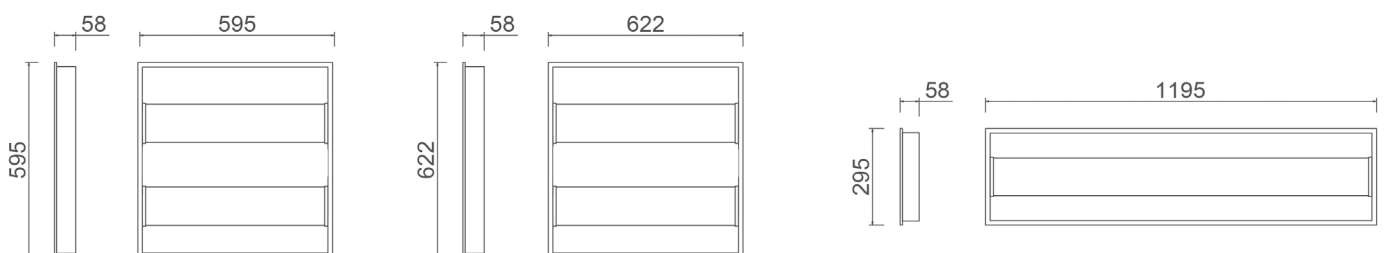
- Kaypro PA RE TEC the standard sound-absorbent for office spaces
- Kaypro PA RE TEC EM with emergency kits of 1h and 3h
- Kaypro PA RE ECO-DALI with DALI control option for illumination adjustments
- Kaypro PA RE ECO-DALI EM with both dimming and emergency

### 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



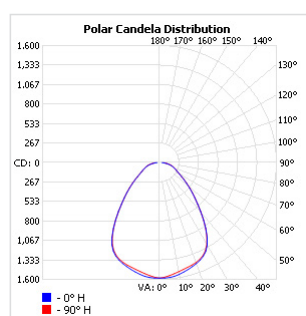
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Power consumption	32W, 38W, 50W		
Dimensions	595 x 595 x 58 ± 1mm	622 x 622 x 58 ± 1mm	1195 x 295 x 58 ± 1mm
Weight	6.0Kg	6.6Kg	6.0Kg
Housing materials	Steel sheet & Polycarbonate		
IK code	IK04		
THD (at 230V, 50Hz, Full load)	<8%		
Protection class	Safety class 1		
Operating temperature [°C]	-20C...+45C/-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 <b>Kaypro PA RE ECO-DALI</b> datasheet		
Warranty [years]	5		
Storage temperature range [°C]	-20...+55°C / -4F ... +131F		
Emergency option	For product information please see <b>Kaypro PA RE TEC EM</b> 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**

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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>						
111228 Kaypro 2L 6060/RE/3000/32W/80/PA	595 x 595 x 58 ± 1mm	3000	3350	32W	105	100°
111229 Kaypro 2L 6060/RE/4000/32W/80/PA	595 x 595 x 58 ± 1mm	4000	3490	32W	110	100°
111230 Kaypro 2L 6060/RE/5000/32W/80/PA	595 x 595 x 58 ± 1mm	5000	3585	32W	113	100°
111231 Kaypro 2L 6060/RE/6500/32W/80/PA	595 x 595 x 58 ± 1mm	6500	3490	32W	110	100°
111232 Kaypro 2L 6060/RE/3000/38W/80/PA	595 x 595 x 58 ± 1mm	3000	3940	38W	104	100°
111233 Kaypro 2L 6060/RE/4000/38W/80/PA	595 x 595 x 58 ± 1mm	4000	4105	38W	109	100°
111234 Kaypro 2L 6060/RE/5000/38W/80/PA	595 x 595 x 58 ± 1mm	5000	4215	38W	111	100°
111235 Kaypro 2L 6060/RE/6500/38W/80/PA	595 x 595 x 58 ± 1mm	6500	4105	38W	109	100°
111236 Kaypro 2L 6060/RE/3000/50W/80/PA	595 x 595 x 58 ± 1mm	3000	4825	50W	97	100°
111237 Kaypro 2L 6060/RE/4000/50W/80/PA	595 x 595 x 58 ± 1mm	4000	5030	50W	101	100°
111238 Kaypro 2L 6060/RE/5000/50W/80/PA	595 x 595 x 58 ± 1mm	5000	5165	50W	104	100°
111239 Kaypro 2L 6060/RE/6500/50W/80/PA	595 x 595 x 58 ± 1mm	6500	5030	50W	101	100°
111276 Kaypro 2L 6262/RE/3000/32W/80/PA	622 x 622 x 58 ± 1mm	3000	3350	32W	105	100°
111277 Kaypro 2L 6262/RE/4000/32W/80/PA	622 x 622 x 58 ± 1mm	4000	3490	32W	110	100°
111278 Kaypro 2L 6262/RE/5000/32W/80/PA	622 x 622 x 58 ± 1mm	5000	3585	32W	113	100°
111279 Kaypro 2L 6262/RE/6500/32W/80/PA	622 x 622 x 58 ± 1mm	6500	3490	32W	110	100°
111280 Kaypro 2L 6262/RE/3000/38W/80/PA	622 x 622 x 58 ± 1mm	3000	3940	38W	104	100°
111281 Kaypro 2L 6262/RE/4000/38W/80/PA	622 x 622 x 58 ± 1mm	4000	4105	38W	109	100°
111282 Kaypro 2L 6262/RE/5000/38W/80/PA	622 x 622 x 58 ± 1mm	5000	4215	38W	111	100°
111283 Kaypro 2L 6262/RE/6500/38W/80/PA	622 x 622 x 58 ± 1mm	6500	4105	38W	109	100°
111284 Kaypro 2L 6262/RE/3000/50W/80/PA	622 x 622 x 58 ± 1mm	3000	4825	50W	97	100°
111285 Kaypro 2L 6262/RE/4000/50W/80/PA	622 x 622 x 58 ± 1mm	4000	5030	50W	101	100°
111286 Kaypro 2L 6262/RE/5000/50W/80/PA	622 x 622 x 58 ± 1mm	5000	5165	50W	104	100°
111287 Kaypro 2L 6262/RE/6500/50W/80/PA	622 x 622 x 58 ± 1mm	6500	5030	50W	101	100°
111252 Kaypro 1L 12030/RE/3000/32W/80/PA	1195 x 295 x 58 ± 1mm	3000	3350	32W	105	100°
111253 Kaypro 1L 12030/RE/4000/32W/80/PA	1195 x 295 x 58 ± 1mm	4000	3490	32W	110	100°
111254 Kaypro 1L 12030/RE/5000/32W/80/PA	1195 x 295 x 58 ± 1mm	5000	3585	32W	113	100°
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111262 Kaypro 1L 12030/RE/5000/50W/80/PA	1195 x 295 x 58 ± 1mm	5000	5165	50W	104	100°
111263 Kaypro 1L 12030/RE/6500/50W/80/PA	1195 x 295 x 58 ± 1mm	6500	5030	50W	101	100°