



Kaypro Phonic-Absorbent

SURFACE MOUNTED & SUSPENDED | 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 SM Family has several series, determined by various add-on and controls:

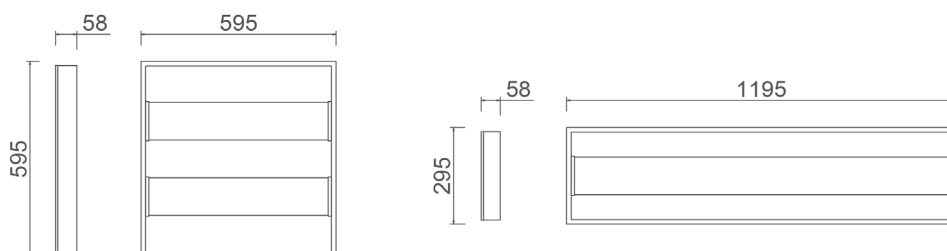
- Kaypro PA SM TEC the standard sound-absorbent for office spaces
- Kaypro PA SM TEC EM with emergency kits of 1h and 3h
- Kaypro PA SM ECO-DALI with DALI control option for illumination adjustments
- Kaypro PA SM ECO-DALI EM with both dimming and emergency

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



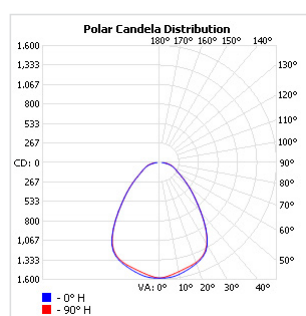
Specificații

Power consumption	32W, 38W, 50W	
Dimensions	595 x 595 x 58 ± 1mm	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]	-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 Kaypro PA SM ECO-DALI datasheet	
Warranty [years]	5	
Storage temperature range [°C]	-20C ÷ +55C/-4F...+131F	
Emergency option	For product information please see Kaypro PA SM TEC 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						
111216 Kaypro 2L 6060/SM/3000/32W/80/PA	595 x 595 x 58 ± 1mm	3000	3350	32W	105	100°
111217 Kaypro 2L 6060/SM/4000/32W/80/PA	595 x 595 x 58 ± 1mm	4000	3490	32W	110	100°
111218 Kaypro 2L 6060/SM/5000/32W/80/PA	595 x 595 x 58 ± 1mm	5000	3585	32W	113	100°
111219 Kaypro 2L 6060/SM/6500/32W/80/PA	595 x 595 x 58 ± 1mm	6500	3490	32W	110	100°
111220 Kaypro 2L 6060/SM/3000/38W/80/PA	595 x 595 x 58 ± 1mm	3000	3940	38W	104	100°
111221 Kaypro 2L 6060/SM/4000/38W/80/PA	595 x 595 x 58 ± 1mm	4000	4105	38W	109	100°
111222 Kaypro 2L 6060/SM/5000/38W/80/PA	595 x 595 x 58 ± 1mm	5000	4215	38W	111	100°
111223 Kaypro 2L 6060/SM/6500/38W/80/PA	595 x 595 x 58 ± 1mm	6500	4105	38W	109	100°
111224 Kaypro 2L 6060/SM/3000/50W/80/PA	595 x 595 x 58 ± 1mm	3000	4825	50W	97	100°
111225 Kaypro 2L 6060/SM/4000/50W/80/PA	595 x 595 x 58 ± 1mm	4000	5030	50W	101	100°
111226 Kaypro 2L 6060/SM/5000/50W/80/PA	595 x 595 x 58 ± 1mm	5000	5165	50W	104	100°
111227 Kaypro 2L 6060/SM/6500/50W/80/PA	595 x 595 x 58 ± 1mm	6500	5030	50W	101	100°
111240 Kaypro 1L 12030/SM/3000/32W/80/PA	1195 x 295 x 58 ± 1mm	3000	3350	32W	105	100°
111241 Kaypro 1L 12030/SM/4000/32W/80/PA	1195 x 295 x 58 ± 1mm	4000	3490	32W	110	100°
111242 Kaypro 1L 12030/SM/5000/32W/80/PA	1195 x 295 x 58 ± 1mm	5000	3585	32W	113	100°
111243 Kaypro 1L 12030/SM/6500/32W/80/PA	1195 x 295 x 58 ± 1mm	6500	3490	32W	110	100°
111244 Kaypro 1L 12030/SM/3000/38W/80/PA	1195 x 295 x 58 ± 1mm	3000	3940	38W	104	100°
111245 Kaypro 1L 12030/SM/4000/38W/80/PA	1195 x 295 x 58 ± 1mm	4000	4105	38W	109	100°
111246 Kaypro 1L 12030/SM/5000/38W/80/PA	1195 x 295 x 58 ± 1mm	5000	4215	38W	111	100°
111247 Kaypro 1L 12030/SM/6500/38W/80/PA	1195 x 295 x 58 ± 1mm	6500	4105	38W	109	100°
111248 Kaypro 1L 12030/SM/3000/50W/80/PA	1195 x 295 x 58 ± 1mm	3000	4825	50W	97	100°
111249 Kaypro 1L 12030/SM/4000/50W/80/PA	1195 x 295 x 58 ± 1mm	4000	5030	50W	101	100°
111250 Kaypro 1L 12030/SM/5000/50W/80/PA	1195 x 295 x 58 ± 1mm	5000	5165	50W	104	100°
111251 Kaypro 1L 12030/SM/6500/50W/80/PA	1195 x 295 x 58 ± 1mm	6500	5030	50W	101	100°