



Kaypro Phonic-Absorbent

SURFACE MOUNTED & SUSPENDED | TEC EM 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:

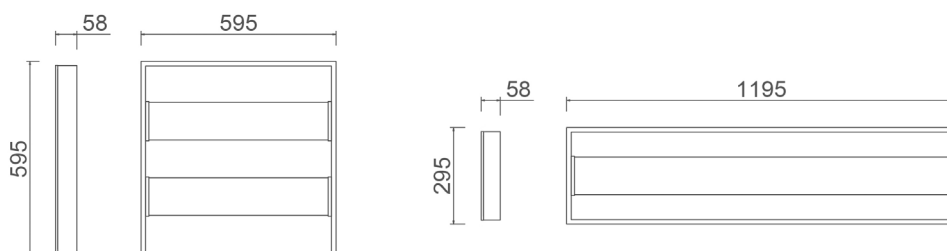
- Kaypro PA SM TEC the standard sound-absorbent for office spaces
- Kaypro PA SM TEC EM with emergency kits of 1h and 3h
- Kaypro PA SM ECO-DALI with DALI control option for illumination adjustments
- Kaypro PA SM ECO-DALI EM with both dimming and emergency

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



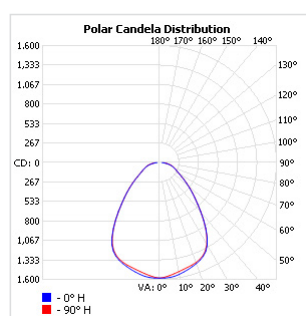
Specificații

Power consumption	32W, 38W, 50W	
Dimensions	595 x 595 x 58 ± 1mm	1195 x 295 x 58 ± 1mm
Weight	6.3 - 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	For product information please see Kaypro PA SM ECO-DALI EM datasheet	
Warranty [years]	5	
Storage temperature range [°C]	+5C ÷ +25C/+41F...+77F	
Emergency option	EM1H, EM3H	
Phonic absorption [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						
111288 Kaypro 2L 6060/SM/3000/32W/80/PA/EM1H	595 x 595 x 58 ± 1mm	3000	3350	32W	105	100°
111289 Kaypro 2L 6060/SM/4000/32W/80/PA/EM1H	595 x 595 x 58 ± 1mm	4000	3490	32W	110	100°
111290 Kaypro 2L 6060/SM/5000/32W/80/PA/EM1H	595 x 595 x 58 ± 1mm	5000	3585	32W	113	100°
111291 Kaypro 2L 6060/SM/6500/32W/80/PA/EM1H	595 x 595 x 58 ± 1mm	6500	3490	32W	110	100°
111292 Kaypro 2L 6060/SM/3000/38W/80/PA/EM1H	595 x 595 x 58 ± 1mm	3000	3940	38W	104	100°
111293 Kaypro 2L 6060/SM/4000/38W/80/PA/EM1H	595 x 595 x 58 ± 1mm	4000	4105	38W	109	100°
111294 Kaypro 2L 6060/SM/5000/38W/80/PA/EM1H	595 x 595 x 58 ± 1mm	5000	4215	38W	111	100°
111295 Kaypro 2L 6060/SM/6500/38W/80/PA/EM1H	595 x 595 x 58 ± 1mm	6500	4105	38W	109	100°
111296 Kaypro 2L 6060/SM/3000/50W/80/PA/EM1H	595 x 595 x 58 ± 1mm	3000	4825	50W	97	100°
111297 Kaypro 2L 6060/SM/4000/50W/80/PA/EM1H	595 x 595 x 58 ± 1mm	4000	5030	50W	101	100°
111298 Kaypro 2L 6060/SM/5000/50W/80/PA/EM1H	595 x 595 x 58 ± 1mm	5000	5165	50W	104	100°
111299 Kaypro 2L 6060/SM/6500/50W/80/PA/EM1H	595 x 595 x 58 ± 1mm	6500	5030	50W	101	100°
111360 Kaypro 2L 6060/SM/3000/32W/80/PA/EM3H	595 x 595 x 58 ± 1mm	3000	3350	32W	105	100°
111361 Kaypro 2L 6060/SM/4000/32W/80/PA/EM3H	595 x 595 x 58 ± 1mm	4000	3490	32W	110	100°
111362 Kaypro 2L 6060/SM/5000/32W/80/PA/EM3H	595 x 595 x 58 ± 1mm	5000	3585	32W	113	100°
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111367 Kaypro 2L 6060/SM/6500/38W/80/PA/EM3H	595 x 595 x 58 ± 1mm	6500	4105	38W	109	100°
111368 Kaypro 2L 6060/SM/3000/50W/80/PA/EM3H	595 x 595 x 58 ± 1mm	3000	4825	50W	97	100°
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111370 Kaypro 2L 6060/SM/5000/50W/80/PA/EM3H	595 x 595 x 58 ± 1mm	5000	5165	50W	104	100°
111371 Kaypro 2L 6060/SM/6500/50W/80/PA/EM3H	595 x 595 x 58 ± 1mm	6500	5030	50W	101	100°
111312 Kaypro 1L 12030/SM/3000/32W/80/PA/EM1H	1195 x 295 x 58 ± 1mm	3000	3350	32W	105	100°
111313 Kaypro 1L 12030/SM/4000/32W/80/PA/EM1H	1195 x 295 x 58 ± 1mm	4000	3490	32W	110	100°
111314 Kaypro 1L 12030/SM/5000/32W/80/PA/EM1H	1195 x 295 x 58 ± 1mm	5000	3585	32W	113	100°
111315 Kaypro 1L 12030/SM/6500/32W/80/PA/EM1H	1195 x 295 x 58 ± 1mm	6500	3490	32W	110	100°
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111384 Kaypro 1L 12030/SM/3000/32W/80/PA/EM3H	1195 x 295 x 58 ± 1mm	3000	3350	32W	105	100°
111385 Kaypro 1L 12030/SM/4000/32W/80/PA/EM3H	1195 x 295 x 58 ± 1mm	4000	3490	32W	110	100°
111386 Kaypro 1L 12030/SM/5000/32W/80/PA/EM3H	1195 x 295 x 58 ± 1mm	5000	3585	32W	113	100°
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Technical specifications can be modified without prior notice. All information is property of Greentek Lighting.

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