PHOBOS LED

GENERAL CARD

TECHNICAL PARAMETERS

Ingress protection:	IP20
Impact resistance:	IK08
Nominal power [W]:	28.00 - 60.00
Luminous flux [lm]*:	3250 - 7400
Colour temperature [K]:	3000; 4000
SDCM:	3
Energy efficiency class:	D; E
Material of the body:	powder coated steel
Diffuser material:	PS
Diffuser type:	OPAL
Mounting version:	surface
Dimensions (H/W/T/S) [mm]:	ø500/110;
Optics material:	PC
Optics:	matrix lens

CHARACTERISTICS

Surface-mounted, round LED fitting with very high diffuser diameter, high luminous flux and even light distribution. Includes an integrated energy-saving light source LED. Galvanized steel base, powder-coated white; light, white acrylic diffuser made using termoforming method. Simple pawl-based mounting system does not require any additional tools and safeguards the diffuser against uncontrolled fall. The luminaire may be used to replace standard four-lamp fittings in irregular shaped rooms. Designed to work with a radio motion sensor or the DALI system.

APPLICATION

Surface mounted fitting intended for indoor use characterized by even light distribution and good surface lighting. Particularly suitable as a general light source in representative rooms and passageways. Thanks to exceptional lighting parameters, possible integration with the DALI system and decorative qualities, the product will surely prove its worth in large conference halls.

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AVAILABLE VERSIONS

Click index >>, to see details

PHOBOS LED 28W

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	Motion sensor	DIMM DALI	Emergency lighting [h]	Energy efficiency class	Index
28	4000	3500	OPAL				D	>> 462443
28	4000	3500	OPAL			3	D	>> 462504
28	3000	3250	OPAL				E	>> 462450
28	3000	3250	OPAL			3	E	>> 462511
28	4000	3500	OPAL	yes			D	>> 462467
28	3000	3250	OPAL	yes			E	>> 462474
28	4000	3500	OPAL		yes		D	>> 462481
28	3000	3250	OPAL		yes		E	>> 462498

PHOBOS LED 36W

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	Motion sensor	DIMM DALI	Emergency lighting [h]	Energy efficiency class	Index
36	3000	4100	OPAL				E	>> 462375
36	3000	4100	OPAL			3	E	>> 462436
36	4000	4400	OPAL			3	E	>> 462429
36	4000	4400	OPAL				E	>> 462368
36	4000	4400	OPAL	yes			E	>> 462382
36	3000	4100	OPAL	yes			E	>> 462399
36	4000	4400	OPAL		yes		E	>> 462405
36	3000	4100	OPAL		yes		E	>> 462412

PHOBOS LED 45W

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	Motion sensor	DIMM DALI	Emergency lighting [h]	Energy efficiency class	Index
45	3000	5100	OPAL				E	>> 462313
45	4000	5500	OPAL				D	>> 462306
45	3000	5100	OPAL	yes			E	>> 462337
45	4000	5500	OPAL	yes			D	>> 462320
45	3000	5100	OPAL		yes		E	>> 462351
45	4000	5500	OPAL		yes		D	>> 462344

PHOBOS LED 53W

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	Motion sensor	DIMM DALI	Emergency lighting [h]	Energy efficiency class	Index
53	3000	5850	OPAL				E	>> 462252
53	4000	6300	OPAL				E	>> 462245

PHOBOS LED

GENERAL CARD

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	Motion sensor	DIMM DALI	Emergency lighting [h]	Energy efficiency class	Index
53	3000	5850	OPAL	yes			E	>> 462276
53	4000	6300	OPAL	yes			E	>> 462269
53	3000	5850	OPAL		yes		E	>> 462290
53	4000	6300	OPAL		yes		E	>> 462283

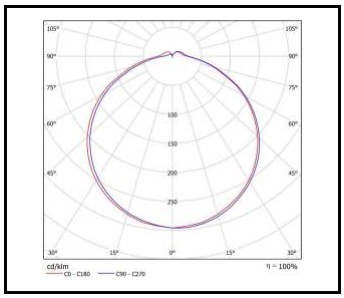
PHOBOS LED 60W

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	Motion sensor	DIMM DALI	Emergency lighting [h]	Energy efficiency class	Index
60	3000	6900	OPAL				E	>> 462191
60	4000	7400	OPAL				D	>> 462184
60	3000	6900	OPAL	yes			E	>> 462214
60	4000	7400	OPAL	yes			D	>> 462207
60	3000	6900	OPAL		yes		E	>> 462238
60	4000	7400	OPAL		yes		D	>> 462221

PHOBOS LED

GENERAL CARD

LUMINOUS INTENSITY DISTRIB. CURVE



PHOBOS LED 50W 4000K

Card creation date: 19 September 2025

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

This product is a subject to electric andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 389/2023; 45/2019

LENA LIGHTING

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