

# PHOBOS LED

GENERAL CARD



## TECHNICAL PARAMETERS

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

# PHOBOS LED

## GENERAL CARD

## 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	3000	3250	OPAL			3	E	<a href="#">&gt;&gt; 462511</a>
28	3000	3250	OPAL				E	<a href="#">&gt;&gt; 462450</a>
28	4000	3500	OPAL			3	D	<a href="#">&gt;&gt; 462504</a>
28	4000	3500	OPAL				D	<a href="#">&gt;&gt; 462443</a>
28	3000	3250	OPAL	yes			E	<a href="#">&gt;&gt; 462474</a>
28	4000	3500	OPAL	yes			D	<a href="#">&gt;&gt; 462467</a>
28	3000	3250	OPAL		yes		E	<a href="#">&gt;&gt; 462498</a>
28	4000	3500	OPAL		yes		D	<a href="#">&gt;&gt; 462481</a>

### 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			3	E	<a href="#">&gt;&gt; 462436</a>
36	3000	4100	OPAL				E	<a href="#">&gt;&gt; 462375</a>
36	4000	4400	OPAL			3	E	<a href="#">&gt;&gt; 462429</a>
36	4000	4400	OPAL				E	<a href="#">&gt;&gt; 462368</a>
36	3000	4100	OPAL	yes			E	<a href="#">&gt;&gt; 462399</a>
36	4000	4400	OPAL	yes			E	<a href="#">&gt;&gt; 462382</a>
36	3000	4100	OPAL		yes		E	<a href="#">&gt;&gt; 462412</a>
36	4000	4400	OPAL		yes		E	<a href="#">&gt;&gt; 462405</a>

### 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	<a href="#">&gt;&gt; 462313</a>
45	4000	5500	OPAL				D	<a href="#">&gt;&gt; 462306</a>
45	3000	5100	OPAL	yes			E	<a href="#">&gt;&gt; 462337</a>
45	4000	5500	OPAL	yes			D	<a href="#">&gt;&gt; 462320</a>
45	3000	5100	OPAL		yes		E	<a href="#">&gt;&gt; 462351</a>
45	4000	5500	OPAL		yes		D	<a href="#">&gt;&gt; 462344</a>

### 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	<a href="#">&gt;&gt; 462252</a>
53	4000	6300	OPAL				E	<a href="#">&gt;&gt; 462245</a>

# 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	<a href="#">&gt;&gt; 462276</a>
53	4000	6300	OPAL	yes			E	<a href="#">&gt;&gt; 462269</a>
53	3000	5850	OPAL		yes		E	<a href="#">&gt;&gt; 462290</a>
53	4000	6300	OPAL		yes		E	<a href="#">&gt;&gt; 462283</a>

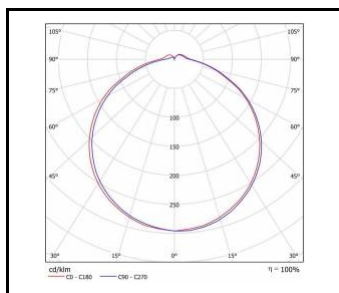
## PHOBOS LED 60W

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	<a href="#">&gt;&gt; 462191</a>
60	4000	7400	OPAL				D	<a href="#">&gt;&gt; 462184</a>
60	3000	6900	OPAL	yes			E	<a href="#">&gt;&gt; 462214</a>
60	4000	7400	OPAL	yes			D	<a href="#">&gt;&gt; 462207</a>
60	3000	6900	OPAL		yes		E	<a href="#">&gt;&gt; 462238</a>
60	4000	7400	OPAL		yes		D	<a href="#">&gt;&gt; 462221</a>

# PHOBOS LED

GENERAL CARD

## LUMINOUS INTENSITY DISTRIB. CURVE



PHOBOS LED 50W 4000K

Card creation date: 01 August 2023

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 and electronic waste equipment regulations (WEEE).



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



Lena Lighting S.A.  
ul. Kórnicka 52, 63-000 Środa Wielkopolska  
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl