

# DOT CS LED

GENERAL CARD



## TECHNICAL PARAMETERS

<b>Warranty [years]:</b>	2 / 0.5 (bateria)
<b>Ingress protection:</b>	IP65
<b>Impact resistance:</b>	IK07
<b>Nominal power [W]:</b>	1.00; 2.00
<b>Luminous flux [lm]*:</b>	130 - 260
<b>Colour temperature [K]:</b>	5000
<b>Colour rendering index:</b>	>70
<b>Electrical protection class:</b>	II
<b>Material of the body:</b>	PC
<b>Light distribution type:</b>	corridor; general; open space
<b>Diffuser material:</b>	PMMA
<b>Battery:</b>	NiMh
<b>Autotest:</b>	tak
<b>Working temperature [°C]:</b>	from +5 to +35; from -19 to +35
<b>Mounting version:</b>	surface
<b>CNBOP certificate:</b>	4958/2023
<b>Energy efficiency class:</b>	C; D

## CHARACTERISTICS

Surface-mounted autonomous emergency luminaire with integrated, energy-saving LED light panel. Body made of polycarbonate (PC). Optical system available in 3 variants: basic, corridor, open space. Luminaire is fitted with batteries with 1h, 2h or 3h emergency operation time. The luminaire is using Ni-Mh or Ni-Cd battery with voltage of 3.6V and 24 hours of full charge with manual or automatic test function (AT).

Available versions:  
M – maintained,  
NM- non-maintained,  
AT – autotest.

## APPLICATION

Autonomous emergency luminaire is mainly used for illumination of escape routes and fire protection devices after power failure, i.e. in emergency mode. Especially recommended everywhere, where it is necessary to install emergency lighting within the scope of modernization of existing system. Successfully replaces luminaires with embedded emergency module. Due to additional sealing, the luminaire achieves IP65 tightness and may be used in places with increased humidity or outdoors under the roofing.

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## AVAILABLE VERSIONS



Click index >>, to see details

### DOT CS LED corridor

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	Emergency lighting [h]	Light distribution type	Operating mode	Autotest	Working temperature [°C]	Energy efficiency class	Index
1	5000	140	1	corridor	NM	yes	from +5 to +35	C	<a href="#">&gt;&gt; 550201</a>
1	5000	140	2	corridor	NM	yes	from +5 to +35	C	<a href="#">&gt;&gt; 550263</a>
1	5000	140	3	corridor	NM	yes	from +5 to +35	C	<a href="#">&gt;&gt; 550324</a>
2	5000	260	1	corridor	NM	yes	from +5 to +35	D	<a href="#">&gt;&gt; 550218</a>
2	5000	260	2	corridor	NM	yes	from +5 to +35	D	<a href="#">&gt;&gt; 550270</a>
2	5000	260	3	corridor	NM	yes	from +5 to +35	D	<a href="#">&gt;&gt; 550331</a>

### DOT CS LED general

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	Emergency lighting [h]	Light distribution type	Operating mode	Autotest	Working temperature [°C]	Energy efficiency class	Index
1	5000	130	1	general	NM	yes	from +5 to +35	D	<a href="#">&gt;&gt; 550027</a>
1	5000	130	2	general	NM	yes	from +5 to +35	D	<a href="#">&gt;&gt; 550089</a>
1	5000	130	3	general	NM	yes	from +5 to +35	D	<a href="#">&gt;&gt; 550140</a>
1	5000	130	3	general	NM	yes	from -19 to +35	D	<a href="#">&gt;&gt; 551154</a>
2	5000	250	1	general	NM	yes	from +5 to +35	D	<a href="#">&gt;&gt; 550034</a>
2	5000	250	2	general	NM	yes	from +5 to +35	D	<a href="#">&gt;&gt; 550096</a>
2	5000	250	3	general	NM	yes	from +5 to +35	D	<a href="#">&gt;&gt; 550157</a>

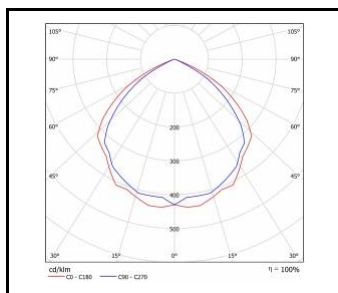
### DOT CS LED open space

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	Emergency lighting [h]	Light distribution type	Operating mode	Autotest	Working temperature [°C]	Energy efficiency class	Index
1	5000	140	1	open space	NM	yes	from +5 to +35	C	<a href="#">&gt;&gt; 550386</a>
1	5000	140	2	open space	NM	yes	from +5 to +35	C	<a href="#">&gt;&gt; 550447</a>
1	5000	140	3	open space	NM	yes	from +5 to +35	C	<a href="#">&gt;&gt; 550508</a>
2	5000	260	1	open space	NM	yes	from +5 to +35	D	<a href="#">&gt;&gt; 550393</a>
2	5000	260	2	open space	NM	yes	from +5 to +35	D	<a href="#">&gt;&gt; 550454</a>
2	5000	260	3	open space	NM	yes	from +5 to +35	D	<a href="#">&gt;&gt; 550515</a>

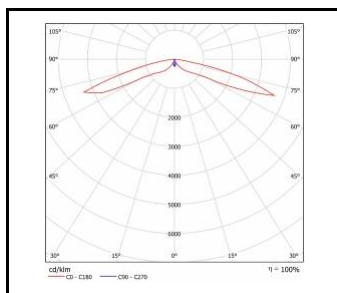
# DOT CS LED

## GENERAL CARD

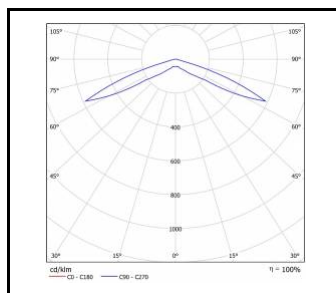
### LUMINOUS INTENSITY DISTRIB. CURVE



DOT CR LED 2W 250lm NM AT  
(ogólny)



DOT CRC LED 2W 260lm NM AT  
(korytarzowy)



DOT CRO LED 2W 260lm NM AT  
(open space)

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## ACCESSORIES AVAILABLE

index	Name
551161	Ceiling spacer DOT white matt
	DOT CS galvanized steel arm



Ceiling spacer DOT white matt (551161)



DOT CS galvanized steel arm (545672)

Card creation date: 14 March 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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 112/2023