

# EXPO LED 3 MINI

GENERAL CARD



## TECHNICAL PARAMETERS

<b>Rated power of the luminaire [W]*:</b>	9.00 - 22.00
<b>Luminous flux [lm]*:</b>	1046 - 2950
<b>Colour temperature [K]:</b>	3000; 4000
<b>Energy efficiency class:</b>	C; D; E
<b>Colour rendering index:</b>	>80; >90
<b>Ingress protection:</b>	IP20
<b>Electrical protection class:</b>	I
<b>Material of the body:</b>	aluminium
<b>Colour of the body:</b>	black; white
<b>Optics material:</b>	aluminium
<b>Optics:</b>	reflector
<b>Beam angle [°]:</b>	15°; 38°; 60°
<b>Dimensions (H/W/T/S) [mm]:</b>	86/185;
<b>Warranty [years]:</b>	5

## CHARACTERISTICS

High quality aluminum projector with LED light source. Universal application with track system. Lack of ultraviolet emission or infrared radiation, high color rendering index, high luminous efficacy and durability.

## APPLICATION

Possible use of specialized filters to highlight food stands. As accentuating lighting in commercial buildings, museums, exhibition halls and offices. For connection with track systems in the color of the projector.

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## AVAILABLE VERSIONS



Click index >>, to see details

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Colour of the body	Optics	Energy efficiency class	Index
9	3000	1243	15°	black	reflector	D	<a href="#">&gt;&gt; 836534</a>
9	3000	1046	15°	black	reflector	E	<a href="#">&gt;&gt; 836565</a>
9	4000	1297	15°	black	reflector	D	<a href="#">&gt;&gt; 836596</a>
9	4000	1126	15°	black	reflector	D	<a href="#">&gt;&gt; 836626</a>
9	3000	1243	15°	white	reflector	D	<a href="#">&gt;&gt; 836893</a>
9	3000	1046	15°	white	reflector	E	<a href="#">&gt;&gt; 836923</a>
9	4000	1297	15°	white	reflector	D	<a href="#">&gt;&gt; 836954</a>
9	4000	1126	15°	white	reflector	D	<a href="#">&gt;&gt; 836985</a>
9	3000	1243	38°	black	reflector	D	<a href="#">&gt;&gt; 836657</a>
9	3000	1046	38°	black	reflector	E	<a href="#">&gt;&gt; 836688</a>
9	4000	1297	38°	black	reflector	D	<a href="#">&gt;&gt; 836718</a>
9	4000	1126	38°	black	reflector	D	<a href="#">&gt;&gt; 836749</a>
9	3000	1243	38°	white	reflector	D	<a href="#">&gt;&gt; 837029</a>
9	3000	1046	38°	white	reflector	E	<a href="#">&gt;&gt; 837050</a>
9	4000	1297	38°	white	reflector	D	<a href="#">&gt;&gt; 837081</a>
9	4000	1126	38°	white	reflector	D	<a href="#">&gt;&gt; 837111</a>
9	3000	1243	60°	black	reflector	D	<a href="#">&gt;&gt; 836770</a>
9	3000	1046	60°	black	reflector	E	<a href="#">&gt;&gt; 836800</a>
9	4000	1297	60°	black	reflector	D	<a href="#">&gt;&gt; 836831</a>
9	4000	1126	60°	black	reflector	D	<a href="#">&gt;&gt; 836862</a>
9	3000	1243	60°	white	reflector	D	<a href="#">&gt;&gt; 837142</a>
9	3000	1046	60°	white	reflector	E	<a href="#">&gt;&gt; 837173</a>
9	4000	1297	60°	white	reflector	D	<a href="#">&gt;&gt; 837203</a>
9	4000	1126	60°	white	reflector	D	<a href="#">&gt;&gt; 837234</a>
13	4000	1795	38°	white	reflector	D	<a href="#">&gt;&gt; 837340</a>
17	3000	2396	15°	black	reflector	D	<a href="#">&gt;&gt; 836541</a>
17	3000	2016	15°	black	reflector	E	<a href="#">&gt;&gt; 836572</a>
17	4000	2500	15°	black	reflector	C	<a href="#">&gt;&gt; 836602</a>
17	4000	2170	15°	black	reflector	D	<a href="#">&gt;&gt; 836633</a>
17	3000	2396	15°	white	reflector	D	<a href="#">&gt;&gt; 836909</a>
17	3000	2016	15°	white	reflector	E	<a href="#">&gt;&gt; 836930</a>
17	4000	2500	15°	white	reflector	C	<a href="#">&gt;&gt; 836961</a>
17	4000	2170	15°	white	reflector	D	<a href="#">&gt;&gt; 836992</a>
17	3000	2396	38°	black	reflector	D	<a href="#">&gt;&gt; 836664</a>
17	3000	2016	38°	black	reflector	E	<a href="#">&gt;&gt; 836695</a>

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17	4000	2500	38°	black	reflector	C	<a href="#">&gt;&gt; 836725</a>
17	4000	2170	38°	black	reflector	D	<a href="#">&gt;&gt; 836756</a>
17	3000	2396	38°	white	reflector	D	<a href="#">&gt;&gt; 837036</a>
17	3000	2016	38°	white	reflector	E	<a href="#">&gt;&gt; 837067</a>
17	4000	2500	38°	white	reflector	C	<a href="#">&gt;&gt; 837098</a>
17	4000	2170	38°	white	reflector	D	<a href="#">&gt;&gt; 837128</a>
17	3000	2396	60°	black	reflector	D	<a href="#">&gt;&gt; 836787</a>
17	3000	2016	60°	black	reflector	E	<a href="#">&gt;&gt; 836817</a>
17	4000	2500	60°	black	reflector	C	<a href="#">&gt;&gt; 836848</a>
17	4000	2170	60°	black	reflector	D	<a href="#">&gt;&gt; 836879</a>
17	3000	2396	60°	white	reflector	D	<a href="#">&gt;&gt; 837159</a>
17	3000	2016	60°	white	reflector	E	<a href="#">&gt;&gt; 837180</a>
17	4000	2500	60°	white	reflector	C	<a href="#">&gt;&gt; 837210</a>
17	4000	2170	60°	white	reflector	D	<a href="#">&gt;&gt; 837241</a>
22	3000	2827	15°	black	reflector	D	<a href="#">&gt;&gt; 836558</a>
22	3000	2380	15°	black	reflector	E	<a href="#">&gt;&gt; 836589</a>
22	4000	2950	15°	black	reflector	D	<a href="#">&gt;&gt; 836619</a>
22	4000	2561	15°	black	reflector	E	<a href="#">&gt;&gt; 836640</a>
22	3000	2827	15°	white	reflector	D	<a href="#">&gt;&gt; 836916</a>
22	3000	2380	15°	white	reflector	E	<a href="#">&gt;&gt; 836947</a>
22	4000	2950	15°	white	reflector	D	<a href="#">&gt;&gt; 836978</a>
22	4000	2561	15°	white	reflector	E	<a href="#">&gt;&gt; 837012</a>
22	3000	2827	38°	black	reflector	D	<a href="#">&gt;&gt; 836671</a>
22	3000	2380	38°	black	reflector	E	<a href="#">&gt;&gt; 836701</a>
22	4000	2950	38°	black	reflector	D	<a href="#">&gt;&gt; 836732</a>
22	4000	2561	38°	black	reflector	E	<a href="#">&gt;&gt; 836763</a>
22	3000	2827	38°	white	reflector	D	<a href="#">&gt;&gt; 837043</a>
22	3000	2380	38°	white	reflector	E	<a href="#">&gt;&gt; 837074</a>
22	4000	2950	38°	white	reflector	D	<a href="#">&gt;&gt; 837104</a>
22	4000	2561	38°	white	reflector	E	<a href="#">&gt;&gt; 837135</a>
22	3000	2827	60°	black	reflector	D	<a href="#">&gt;&gt; 836794</a>
22	3000	2380	60°	black	reflector	E	<a href="#">&gt;&gt; 836824</a>
22	4000	2950	60°	black	reflector	D	<a href="#">&gt;&gt; 836855</a>
22	4000	2561	60°	black	reflector	E	<a href="#">&gt;&gt; 836886</a>
22	3000	2827	60°	white	reflector	D	<a href="#">&gt;&gt; 837166</a>
22	3000	2380	60°	white	reflector	E	<a href="#">&gt;&gt; 837197</a>
22	4000	2950	60°	white	reflector	D	<a href="#">&gt;&gt; 837227</a>
22	4000	2561	60°	white	reflector	E	<a href="#">&gt;&gt; 837258</a>

Card creation date: 12 July 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./2023



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