

PRODUCT NO. 5260-050120-B-Ware

**DOTLUX LED high bay floodlight COOLER 100W 5000K 120°beam angle**



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- Suitable for high temperature environments up to +70°C
- Cold forged heat sink with 2 times higher thermal conductivity than die casting ensures optimal heat dissipation.
- Vertical cooling fins prevent dust buildup and provide durable cooling
- Extremely robust and durable ESG real glass cover also resists oil and cleaning agents
- Pressure equalization valve extends seal life and prevents condensation inside the fixture
- Modular design for different power spectrums
- Reduced glare UGR<19 for 60° version

<b>WEIGHT IN KG</b>	4.06
<b>POWER CONSUMPTION IN WATTS</b>	100
<b>NET LUMINOUS FLUX IN LUMENS</b>	15300
<b>LUMEN PER WATT</b>	153

**Dimensions**

**length:** 435mm  
**diameter:** 220mm

<b>BEAM ANGLE</b>	120
<b>PROTECTION CLASS (IP)</b>	IP66
<b>INPUT VOLTAGE</b>	176 - 240 V AC/DC
<b>SERVICE LIFE</b>	approx. 70.000 h at 25°C
<b>COLOR TEMPERATURE IN KELVIN</b>	5000
<b>COLOR-RENDERING-INDEX</b>	CRI > 82
<b>POWER FACTOR</b>	0,9
<b>INRUSH CURRENT IN A</b>	0
<b>IK PROTECTION</b>	IK08
<b>LUMEN PER WATT</b>	153
<b>PROTECTION CLASS</b>	I
<b>VOLTAGE TYPE</b>	AC
<b>HOUSING COLOUR</b>	black
<b>SWITCH CYCLES</b>	> 140.000
<b>OVERVOLTAGE PROTECTION</b>	up to 10000 V
<b>WARRANTY IN YEARS</b>	0
<b>L80/B10</b>	100000
<b>ASSORTMENT</b>	Highline
<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	not required
<b>LIFETIME L80/B10 AT 25°C</b>	100000
<b>LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C</b>	147000
<b>ETIM GRUPPEN-ID</b>	EC001744
<b>IMPACT STRENGTH</b>	IK08
<b>LIFETIME L70/B50 AT 25°C</b>	147000

PULSE DURATION IN  $\mu$ S

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