

**DOTLUX COOLER 100W 5000K 120° Beam LED Floodlight**

Order number: 5260-050120

- Suitable for high temperature environments up to 70°C.
- Cold forged heat sink with 2 times higher thermal conductivity than die cast provides 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 luminaire
- Modular design for different power spectrums
- Glare reduced UGR<19 for 60° version

Power consumption in watts: 100; Net luminous flux in lumens: 15300; Lumen per watt: 153; Beam angle: 120°; protection class (IP): IP66; Light color: white; Input voltage: 176 - 240 V AC/DC; Service life: approx. 70.000 h at 25°C; Color temperature in Kelvin: 5000; Color-rendering-index: CRI > 82; Power Factor: 0,9; Inrush current in A: 0; IK protection: IK08; Lumen per watt: 153; Protection class: I; Voltage type: AC; Housing colour: black; Switch cycles: > 140.000; Overvoltage protection: up to 10000 V; Warranty in years: 5; L80/B10: 100000; Assortment: Highline; Energy efficiency class according to EU regulation 2019/2015: not required; Lifetime L80/B10 at 25°C: 100000; LED-Lifetime light source L70/B50 at 25°C: 147000; ETIM Gruppen-ID: EC001744; Material cover: Glass transparent; No dim function: Yes; Colour consistency (McAdam ellipse): SDCM6; Impact strength: IK08; Covering of the luminaire with thermally insulating material possible: No; Lifetime L70/B50 at 25°C: 147000; Lifetime L90/B10 at 25°C: 36750; Pulse duration in µs: 0; Lifetime L90/B50 at 25°C: 49000; BEG funding: only relevant in Germany; Energieeffizienzklasse der Lichtquelle einer Leuchte: D; Colour of light adjustable: No diameter: 220mm