

PRODUCT NO. 5264-050120

**DOTLUX LED hall floodlight COOLERgas 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 cast provides optimal heat dissipation.
- Vertical cooling fins prevent dust buildup and provide durable cooling
- Extremely rugged and durable seals withstand oil, detergents and gaseous contaminants
- Modular design for different power spectrums
- Glare reduced UGR<19 for 60° version

|                             |       |                                                                    |                   |
|-----------------------------|-------|--------------------------------------------------------------------|-------------------|
| SUCCESSION ARTICLE          | -     | BEAM ANGLE                                                         | 120°              |
| WEIGHT IN KG                | 3.91  | PROTECTION CLASS (IP)                                              | IP66              |
| LUMEN PER WATT              | 153   | LIGHT COLOR                                                        | white             |
| POWER CONSUMPTION IN WATTS  | 100   | INPUT VOLTAGE                                                      | 176 - 240 V AC/DC |
| NET LUMINOUS FLUX IN LUMENS | 15300 | Service life                                                       |                   |
|                             |       | COLOR TEMPERATURE IN KELVIN                                        | 5000              |
|                             |       | COLOR-RENDERING-INDEX                                              | CRI > 82          |
|                             |       | POWER FACTOR                                                       | 0,9               |
|                             |       | INRUSH CURRENT IN A                                                | 0                 |
| Dimensions                  |       | 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<br>ACCORDING TO EU REGULATION<br>2019/2015 | not required      |
|                             |       | LIFETIME L80/B10 AT 25°C                                           | 100000            |
|                             |       | LED-LIFETIME LIGHT SOURCE L70/B50<br>AT 25°C                       | 147000            |
|                             |       | ETIM GRUPPEN-ID                                                    | EC001744          |
|                             |       | MATERIAL COVER                                                     | Glass transparent |

|                                                                              |                          |
|------------------------------------------------------------------------------|--------------------------|
| <b>NO DIM FUNCTION</b>                                                       | Yes                      |
| <b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>                                   | SDCM6                    |
| <b>IMPACT STRENGTH</b>                                                       | IK08                     |
| <b>COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE</b> | No                       |
| <b>LIFETIME L70/B50 AT 25°C</b>                                              | 147000                   |
| <b>LIFETIME L90/B10 AT 25°C</b>                                              | 36750                    |
| <b>PULSE DURATION IN µS</b>                                                  | 0                        |
| <b>LIFETIME L90/B50 AT 25°C</b>                                              | 49000                    |
| <b>BEG FUNDING</b>                                                           | only relevant in Germany |
| <b>ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE</b>                  | D                        |
| <b>COLOUR OF LIGHT ADJUSTABLE</b>                                            | No                       |