



## ML33

### Magnet Armatür

Spot



#### HOUSING

Electrostatic powder paint coated die cast aluminum housing  
IP20 Protection  
Electrical Safety Class III

#### Body Color Options



9005  
Black

#### OPTIC

UGR (CIE Pub.117):11  
IEC/EN 62471 Photo-Biologic Protection RG0

#### Optic Options



120°

#### LED

SMD LED with a minimum lifetime of 100.000 hours  
High color rendering index (CRI>80)

#### Color Rendering Index

80<sup>+</sup>

Ra>80

#### CCT



2700K

3000K

4000K

5000K

5700K

6500K

#### CONTROL

Rated Input Voltage 48VDC  
Range of Input Voltage -  
Frequency -  
Power Factor -  
Operating Temperature -20°C ~ +50°C  
Constant Current LED Driver

#### Additional Features



ON/OFF

Overload Protection (OLP), Overvoltage Protection (OVP),  
Short Circuit Protection (SCP), Over Temperature Protection (OTP)

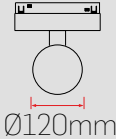
#### STANDARDS

Luminaire Standarts EN 60598-1 - EN 60598-2-1  
Driver Standarts -

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|                                                                                                        |                                                                                   |       |           |            |                 |        |
|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------|-----------|------------|-----------------|--------|
|  <div>ML33-SR12</div> |  | Power | Lum. Flux | Efficiency | Packaging Sizes |        |
|                                                                                                        |                                                                                   | 6W    | 277 lm    | 58 lm/W    | Width           | - cm   |
|                                                                                                        |                                                                                   |       |           |            | Length          | - cm   |
|                                                                                                        |                                                                                   |       |           |            | Height          | - cm   |
|                                                                                                        |                                                                                   |       |           |            | Amount per ctn. | - pcs. |
|                                                                                                        |                                                                                   |       |           |            | Ctn. weight     | - kg   |
|                                                                                                        |                                                                                   |       |           |            | Deci            | -      |

\*\*The specified luminous flux values may vary by %10.

ORDER CODE EXPENSION

|            |           |         |       |                                                  |             |             |            |           |             |             |             |          |
|------------|-----------|---------|-------|--------------------------------------------------|-------------|-------------|------------|-----------|-------------|-------------|-------------|----------|
| ML33-      | SR12 -    | 006 -   | 8     | 65                                               | S           | - 9005-     | 0120 -     | O         | S           | S           | S           | 20       |
| GROUP CODE | BODY CODE | POWER   | CRI   | CCT                                              | EFFICIENCY  | BODY COLOR  | OPTIC      | CONTROL   | DRIVER      | KIT         | ACCESSORY   | IP       |
| ML33       | SR12      | 006: 6W | 8: 80 | 27: 2700K<br>30: 3000K<br>40: 4000K<br>65: 6500K | S: Standart | 9005: Black | 0120: 120° | 0: ON-OFF | S: LAMPTIME | S: Standart | S: Standart | 20: IP20 |