

18W IP65/IK09 LED LUMINAIRE;

WPL-18



Standart Features;

|              |                                               |
|--------------|-----------------------------------------------|
| Housing      | : Aluminium extrusion housing, pg cable gland |
| Diffuser     | : Glare controlled opal diffuser              |
| IP Grade     | : IP65                                        |
| Installation | : Surface mounted                             |
| Light Source | : Mid Power LED                               |

Optical & Electrical Features

|                              |                |
|------------------------------|----------------|
| Power Consumption            | : 18.7 W       |
| Final Luminous Flux          | : 2008 lm      |
| Efficacy                     | : 107.1 lm/W   |
| Input Voltage                | : 220-240 V AC |
| Frequency                    | : 50-60 Hz     |
| Power Factor                 | : > 0,9        |
| Surge Transient Protection   | : 1 kV         |
| Drive Current                | : 700 mA       |
| Correlated Color Temperature | : 4000K        |
| Color Rendering Index        | : >80          |

\* There is  $\pm 10\%$  tolerance in Technical Values.

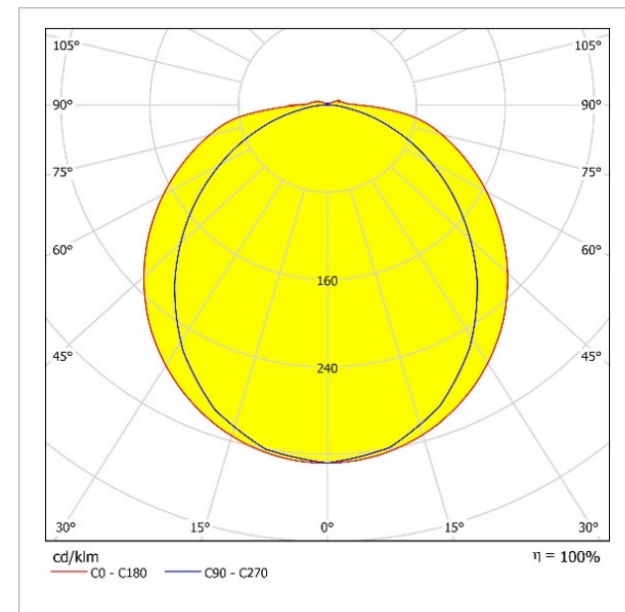
Other Features & Conditions

|                                                   |                             |
|---------------------------------------------------|-----------------------------|
| Operating Temperature Range                       | : -20 °C/+40 °C             |
| Operating Temperature Range<br>With Emergency Kit | : +5 °C/+35 °C              |
| Impact Resistance                                 | : IK09                      |
| Led Life Time - L70                               | : > 72.000 hours @Ta= 40 °C |

Optional Features

|                                  |                       |
|----------------------------------|-----------------------|
| Correlated Color<br>Temperatures | : 3000K, 5700K, 6500K |
| Emergency Kit Options            | : 1, 3 hours          |
| DALI Option                      | : Yes                 |
| Sensor                           | : Yes                 |

Photometric Curve



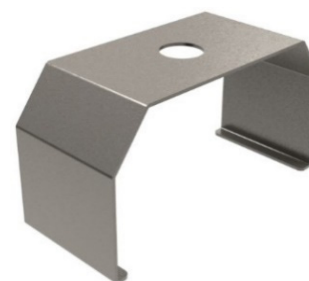
Dimension  
(mm)

|                             | a   | b  | h  |
|-----------------------------|-----|----|----|
| Standard                    | 545 | 65 | 83 |
| With Emergency Kit (1 hr.)  | 545 | 65 | 83 |
| With Emergency Kit (3 hrs.) | 545 | 65 | 83 |
| With Sensor                 | 652 | 65 | 83 |

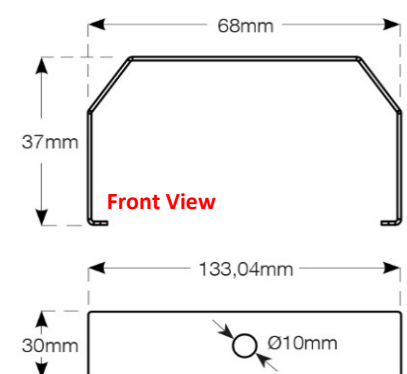
Weight (kg)

|                             |     |
|-----------------------------|-----|
| Standard                    | 1,1 |
| With Emergency Kit (1 hr.)  | 1,5 |
| With Emergency Kit (3 hrs.) | 2   |
| With Sensor                 | 1,4 |

Suspension Set



Stainless steel  
suspension set



Top View



PG11 30mm



36W IP65/IK09 LED LUMINAIRE;

WPL-36



Standart Features;

|              |                                               |
|--------------|-----------------------------------------------|
| Housing      | : Aluminium extrusion housing, pg cable gland |
| Diffuser     | : Glare controlled opal diffuser              |
| IP Grade     | : IP65                                        |
| Installation | : Surface mounted                             |
| Light Source | : Mid Power LED                               |

Optical & Electrical Features

|                              |                |
|------------------------------|----------------|
| Power Consumption            | : 35.9 W       |
| Final Luminous Flux          | : 4835 lm      |
| Efficacy                     | : 134.6 lm/W   |
| Input Voltage                | : 220-240 V AC |
| Frequency                    | : 50-60 Hz     |
| Power Factor                 | : > 0,9        |
| Surge Transient Protection   | : 1 kV         |
| Drive Current                | : 900 mA       |
| Correlated Color Temperature | : 4000K        |
| Color Rendering Index        | : >80          |

\* There is  $\pm 10\%$  tolerance in Technical Values.

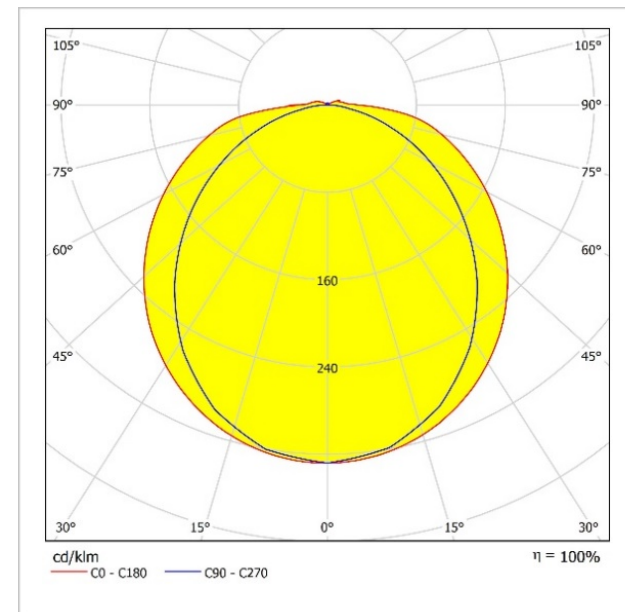
Other Features & Conditions

|                                                   |                             |
|---------------------------------------------------|-----------------------------|
| Operating Temperature Range                       | : -20 °C/+40 °C             |
| Operating Temperature Range<br>With Emergency Kit | : +5 °C/+35 °C              |
| Impact Resistance                                 | : IK09                      |
| Led Life Time - L70                               | : > 72.000 hours @Ta= 40 °C |

Optional Features

|                                  |                       |
|----------------------------------|-----------------------|
| Correlated Color<br>Temperatures | : 3000K, 5700K, 6500K |
| Emergency Kit Options            | : 1, 3 hours          |
| DALI Option                      | : Yes                 |
| Sensor                           | : Yes                 |

Photometric Curve



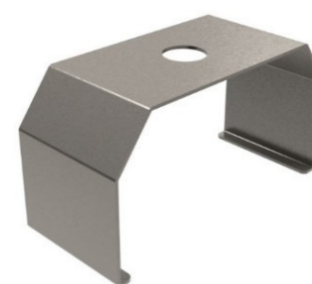
Dimension  
(mm)

|                             | a   | b  | h  | d  |
|-----------------------------|-----|----|----|----|
| Standard                    | 865 | 65 | 83 | 15 |
| With Emergency Kit (1 hr.)  | 865 | 65 | 83 | 15 |
| With Emergency Kit (3 hrs.) | 865 | 65 | 83 | 15 |
| With Sensor                 | 972 | 65 | 83 | 15 |

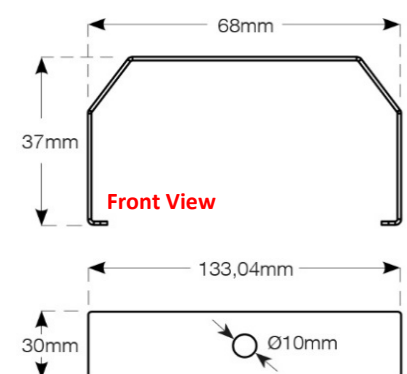
Weight (kg)

|                             |     |
|-----------------------------|-----|
| Standard                    | 1,6 |
| With Emergency Kit (1 hr.)  | 2   |
| With Emergency Kit (3 hrs.) | 2,5 |
| With Sensor                 | 1,9 |

Suspension Set



Stainless steel  
suspension set



Top View



MR11 30mm



20



54W IP65/IK09 LED LUMINAIRE;

WPL-54



Standart Features;

|              |                                               |
|--------------|-----------------------------------------------|
| Housing      | : Aluminium extrusion housing, pg cable gland |
| Diffuser     | : Glare controlled opal diffuser              |
| IP Grade     | : IP65                                        |
| Installation | : Surface mounted                             |
| Light Source | : Mid Power LED                               |

Optical & Electrical Features

|                              |                |
|------------------------------|----------------|
| Power Consumption            | : 53.6 W       |
| Final Luminous Flux          | : 7311 lm      |
| Efficacy                     | : 136.2 lm/W   |
| Input Voltage                | : 220-240 V AC |
| Frequency                    | : 50-60 Hz     |
| Power Factor                 | : > 0,9        |
| Surge Transient Protection   | : 1 kV         |
| Drive Current                | : 350 mA       |
| Correlated Color Temperature | : 4000K        |
| Color Rendering Index        | : >80          |

\* There is  $\pm 10\%$  tolerance in Technical Values.

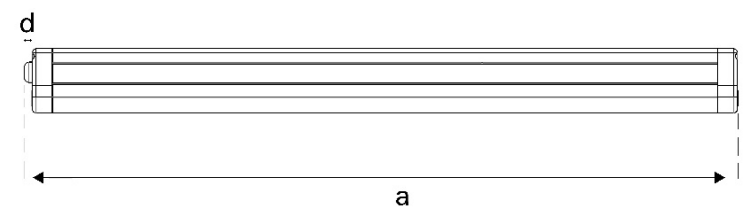
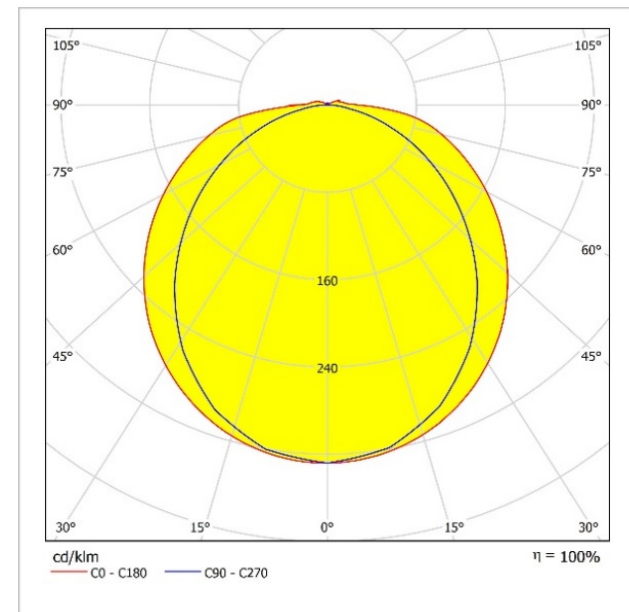
Other Features & Conditions

|                                                   |                             |
|---------------------------------------------------|-----------------------------|
| Operating Temperature Range                       | : -20 °C/+40 °C             |
| Operating Temperature Range<br>With Emergency Kit | : +5 °C/+35 °C              |
| Impact Resistance                                 | : IK09                      |
| Led Life Time - L70                               | : > 72.000 hours @Ta= 40 °C |

Optional Features

|                                  |                       |
|----------------------------------|-----------------------|
| Correlated Color<br>Temperatures | : 3000K, 5700K, 6500K |
| Emergency Kit Options            | : 1, 3 hours          |
| DALI Option                      | : Yes                 |
| Sensor                           | : Yes                 |

Photometric Curve



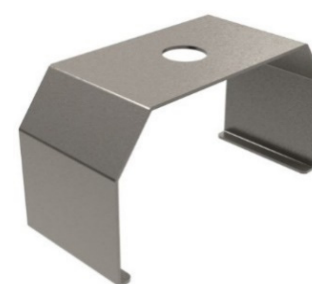
Dimension  
(mm)

|                             | a    | b  | h  | d  |
|-----------------------------|------|----|----|----|
| Standard                    | 1505 | 65 | 83 | 15 |
| With Emergency Kit (1 hr.)  | 1505 | 65 | 83 | 15 |
| With Emergency Kit (3 hrs.) | 1505 | 65 | 83 | 15 |
| With Sensor                 | 1612 | 65 | 83 | 15 |

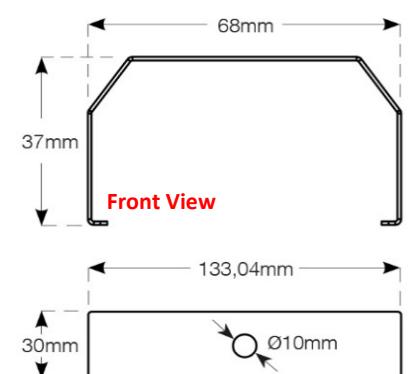
Weight (kg)

|                             |     |
|-----------------------------|-----|
| Standard                    | 2,7 |
| With Emergency Kit (1 hr.)  | 3,1 |
| With Emergency Kit (3 hrs.) | 3,6 |
| With Sensor                 | 3   |

Suspension Set



Stainless steel  
suspension set



Top View



MR11 30mm