Tunnel LED

Product information
Tunnel LED luminaire helps to create a safe environment for traffic with white light for improved visibility and comfort—as well as an outstanding six years /24 hours a day operation with the same light source.

Application: perfect combination between aesthetics and functionality, makes the luminaire ideal for efficient lighting of low speed tunnels as well as underpass, parking garage and industrial areas.

Structures and materials
Housing: die cast aluminum housing electrostatically sprayed with a polyester powder paint finish, following anti-corrosion priming, and oven cured at 180ºC.


Electrical and gear compartment
Integral driver: isolated from the environment with a protection degree IP66.
Nominal line voltage: 200–277 V 50/60 Hz. PF>0.9.
Class: I.
Cable: anchorage for supply connection.
Ambient temperature: –30ºC to +40ºC.
For higher temperatures please consult us.

Optics
Optical assembly: hermetically sealed providing IP66. Thanks to the advance LED optical systems the fixture provide high uniformity and improved vertical light distribution.
CRI: 70.
CCT: 5700 Kelvin.

• Type III. Asymmetric Medium distribution (AM)
  – 90W system consumption
• Type II. Asymmetric Wide distribution (AW)
  – 90W system consumption
• Type V. Symmetric distribution (SY)
  – 90W system consumption

Maintenance
70% lumen maintenance at 50,000 hours.

Installation
Two kits available for the installation.
One is for ceiling mounted fixture (with the symmetric distribution optical option).
The other kit is for Wall Mounted fixture (with an asymmetric distribution optical option).
A quick connector will allow an easy installation.

Fixture spacing: 7.5 to 12 meters.
Recommended mounting height is 5.5m.

DISCONTINUED PRODUCT AS OF: 2014.03.10
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**Dimensions [mm]**

![Dimensions Diagram](image)

**Photometric data**

TUNNEL LED/ASY3/60

TUNNEL LED/ASY2/60

**Tunnel LED**

<table>
<thead>
<tr>
<th>Consumption [W]</th>
<th>Description</th>
<th>Optics</th>
<th>SKU</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td>TUNNEL LED/AW ASY2</td>
<td>Type II Assymetric medium AM</td>
<td>524677</td>
</tr>
<tr>
<td>90</td>
<td>TUNNEL LED/AM ASY3</td>
<td>Type II Assymetric wide</td>
<td>524678</td>
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<tr>
<td>90</td>
<td>TUNNEL LED/SY SYM5</td>
<td>Type V Symmetric</td>
<td>524679</td>
</tr>
</tbody>
</table>

Mounting kits should be ordered separately.

**Specifications**

- Dimensions [mm]: 514x300x296 (length x width x height)
- Weight [kg]: 15.00
- Driver: 90W
- Reflector: Type III: Asymmetric Medium distribution (AM)
- Type II: Asymmetric Wide distribution (AW)
- Type V: Symmetric distribution (SY)
- Protection Degree: Full IP66
- Class: I
- Upper hemisphere flux [%]: 0.00
- Windage load [m²]: 0.15
- Operating Temperature [°C]: -30°C to +40°C
- Regulations: CEI 34.21/EN60598 -1, IEC 60