Darwin 100 T8

Technology
T8

Max. temp.
30 °C

Power
1 x 36 W and 1 x 58 W

Key features
Impervious luminaire
Resistant to external UV-rays
Very good resistance to oils and hydrocarbons
Durable and maintainable luminaire

Options
Finishings
End caps and fixing straps in Stainless Steel 316 L

Housing
Housing in Polycarbonate

Fixings
Reinforced fixing straps with HSHC screw
Shock-resistant fixing straps with HSHC
Hinged fixing straps for maintenance by tilting

Cable entries (black polyamide)
1 cable gland - Ø cable: 7 to 14 mm
2 cable glands - Ø cable: 5 to 12 mm
2 cable glands - Ø cable: 7 to 14 mm

Cable entries (nickel-coated brass)
1 cable gland - Ø cable: 5 to 14 mm
2 cable glands - Ø cable: 5 to 14 mm

Connectable Plug (IP68/IP69K)
3 pole disconnectable Plug, lockable with a threaded ring

Connectable output cords with IP68 Plug
(length 0,80 m)

Output cord with a 3 pole WIELAND Plug

Accessories
Protective roof
Fixings for columns

Principal part numbers

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<tr>
<th>Power</th>
<th>Designation</th>
<th>Part No.</th>
<th>Optic</th>
<th>L (mm)</th>
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Specifications

Technical data

Light source
1x T8 lamp, not included

Optic
White powder coated gear tray serving as reflector for diffuse general lighting
Extensive reflector (wide beam) in anodised aluminium sheet
Intensive reflector (narrow beam) in anodised aluminium sheet

Control Gear
Hot cathode electronic Control Gear (EEI A2)

Power supply
220-240 V 50/60 Hz

Electrical class
Class I

Operating temperature
-20 °C to +30 °C

Connection
Cable gland in black polyamide for Ø cable 5-12 mm (3 x 2,5 mm²)

Fixing
2 Stainless Steel fixing straps with Spring Clip

Method of Construction
Housing in one piece with reinforced imperviousness
Patented SLIDE opening system

Materials

Housing
Polycarbonate protected by a coextruded layer of PMMA

End caps, fixing straps, ... Stainless Steel 304L

Gaskets
EPDM

Standards

Imperviousness
IP68, IP69 and IP69K

Shock resistance
IK10

Fire resistance
650 °C

Vibration resistance
Meets the severe application requirements of the standard EN 60598-1 (tested according to CEI 60068-2-6)