



TTP 70

TUBULAR

Datasheet



LED

Norms: EN 60598-1, EN 60598-2-1



PRODUCT DESCRIPTION

Areas of Application: Industrial areas, public spaces, maintenance areas, public transport areas and parking lots.

Mounting: Surface/Suspended/Wall Mounted.

Light Distribution: Direct.

Light Source: LED 4000K, RG1, CRI>80, MacAdam Step <3, 80.000h lifetime (@L90, B10, Ta25°C).

Optical System: Diffuser: Polycarbonate.

Control Gear: LED driver, 220-240VAC-50/60Hz.


Wiring: 1,5 m H07RN-F cable and plastic cable gland.

Materials: Body: Polycarbonate tube. End caps: Injected transparent polycarbonate.


Surface Finish: White matt extruded aluminium profile.

Fixing system: Clamps(not included).


Low Output | TUP - Transparent polycarbonate diffuser

|  LED | W | Lm Output | Lm/W | A(mm) | K3 | kg | HF | DALI |
|---|----|-----------|------|-------|----|-----|--------------|--------------|
| | 13 | 1710 | 132 | 620 | - | 1,4 | 90477.L060.E | 90477.L060.H |
| | 18 | 2565 | 143 | 900 | - | 1,7 | 90477.L090.E | 90477.L090.H |
| | 23 | 3420 | 149 | 1180 | • | 2,0 | 90477.L120.E | 90477.L120.H |
| | 28 | 4370 | 156 | 1460 | • | 2,3 | 90477.L150.E | 90477.L150.H |

Low Output | TOP - Opal polycarbonate diffuser

|  LED | W | Lm Output | Lm/W | A(mm) | K3 | kg | HF | DALI |
|---|----|-----------|------|-------|----|-----|--------------|--------------|
| | 13 | 1596 | 123 | 620 | - | 1,4 | 90476.L060.E | 90476.L060.H |
| | 18 | 2394 | 133 | 900 | - | 1,7 | 90476.L090.E | 90476.L090.H |
| | 23 | 3192 | 139 | 1180 | • | 2,0 | 90476.L120.E | 90476.L120.H |
| | 28 | 4038 | 144 | 1460 | • | 2,3 | 90476.L150.E | 90476.L150.H |

High Output | TUP - Transparent polycarbonate diffuser

|  LED | W | Lm Output | Lm/W | A(mm) | K3 | kg | HF | DALI |
|---|----|-----------|------|-------|----|-----|--------------|--------------|
| | 28 | 3567 | 127 | 620 | - | 1,4 | 90475.L060.E | 90475.L060.H |
| | 41 | 5351 | 131 | 900 | - | 1,7 | 90475.L090.E | 90475.L090.H |
| | 54 | 7216 | 134 | 1180 | • | 2,0 | 90475.L120.E | 90475.L120.H |
| | 67 | 9533 | 142 | 1460 | • | 2,3 | 90475.L150.E | 90475.L150.H |

Order example: 90474.L150.E (HF) + 3000 + 971600 + 915404 + 925000 (OPTIONS)

We reserve the right to make technical changes without prior notice. Electrical/Optical data are subjected to a tolerance of +/-10%.






TTP 70 TUBULAR

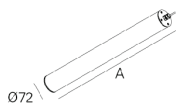
Datasheet

High Output | TOP - Opal polycarbonate diffuser

| LED | W | Lm Output | Lm/W | A(mm) | K3 | kg | HF | DALI |
|---|----|-----------|------|-------|----|-----|--------------|--------------|
|  | 28 | 3280 | 117 | 620 | - | 1,4 | 90474.L060.E | 90474.L060.H |
| | 41 | 4920 | 120 | 900 | - | 1,7 | 90474.L090.E | 90474.L090.H |
| | 54 | 6642 | 123 | 1180 | • | 2,0 | 90474.L120.E | 90474.L120.H |
| | 67 | 8508 | 127 | 1460 | • | 2,3 | 90474.L150.E | 90474.L150.H |

DIMENSIONS

**INJECTED
TRANSPARENT
POLYCARBONATE
END CAPS VERSION**



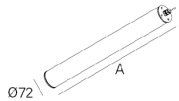
**Recessed
ceiling rose
T5 D90**



**Surface
mounted
ceiling rose
T4 D90**



**STAINLESS STEEL
END CAPS VERSION**



**Stainless steel
clamp A1 D70**



**Stainless steel
clamp A2 D70**



**Stainless steel
clamp D70
with fast lock**



OPTIONS

Colour temperature



3000K
Tunable White

Order code
3000
T000

SwitchDIM Tunable White



SwitchDIM Tunable White.

Order code
926600

• The SwitchDIM Tunable White allows the control of 20 luminaires at most.

We reserve the right to make technical changes without prior notice.
Electrical/Optical data are subjected to a tolerance of +/-10%.

⌘





TTP 70 TUBULAR

Datasheet

Ceiling rose



Ceiling rose (IP20)
Surface mounted T4 D90
White
Black
Grey
Recessed T5 D90
White
Black
Grey

Order code

971600
971601
971602
971300
971301
971302

Stainless steel end caps



Stainless steel end caps IP68 (2x)

Order code

INOX

• The product is class I.

Clamps



Stainless steel clamp A1 D70 (2x)
Stainless steel clamp A2 D70 (2x)
Stainless steel clamp D70 with fast lock (2x)

Order code

915403
915405
915404

Suspension



Suspension S4 1500mm (2x)

Order code

910200

Emergency unit



Emergency unit 3 hours

Order code

K3

•Only available in ON/OFF (HF) version and with self-test.

Presence sensor



Presence sensor
Detection range:100 %
Hold time:5 s
Daylight Threshold: disable

Order code

SENSOR

•For other types of programming, consult the sensor's instructions manual.
Note:A luminaire with sensor has 130 mm more than the standard length.

Metal cable gland



Metal cable gland
Breathable metal cable gland

Order code

925000
926700

DETAILS



Injected transparent polycarbonate end caps



Stainless steel end caps



Plastic cable gland



Metal cable gland



Breathable metal cable gland



Stainless steel clamp A1 D70



Stainless steel clamp A2 D70



Stainless steel clamp D70 with fast lock

We reserve the right to make technical changes without prior notice.
Electrical/Optical data are subjected to a tolerance of +/-10%.

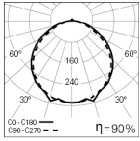




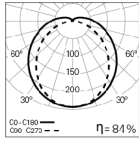
TTP 70 TUBULAR

Datasheet

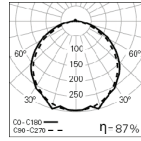
PHOTOMETRY



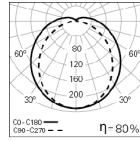
**TTP 70 L0620
TUP 4000K LO**



**TTP 70 L0620
TOP 4000K LO**



**TTP 70 L0620
TUP 4000K HO**



**TTP 70 L0620
TOP 4000K HO**

TO SPECIFY:

Tubular LED luminaire, IP68/IK10, for ceiling surface mounted or suspended, and wall mounted application. Made of Ø72mm transparent or opal polycarbonate tube, with inner aluminium profile and injected transparent polycarbonate end caps. Standard version with 4000K LED, RG1 (Risk Group 1 for photobiological safety, according to IEC 62471), CRI>80, MacAdam Step<3 and 80.000h lifetime (@ L90, B10, Ta 25 °C). Pre-wired with 1,50m H07RN-F cable and plastic cable gland. Optional in 3000K, Tunable White, dimmable DALI driver, presence sensor and 3 hours emergency unit with self-test. Available as option with suspension S4, stainless steel end caps, three types of fixing clamps (stainless steel A1 D70, stainless steel A2 D70 and stainless steel D70 with fast locks) and with two types of cable glands (metal cable gland or breathable metal cable gland). Possible to include recessed T5 D90 or surface mounted T4 D90 round ceiling roses. - as Roxo Lighting TTP 70.

We reserve the right to make technical changes without prior notice. Electrical/Optical data are subjected to a tolerance of +/-10%.

