

89 TUBULAR
WATERPROOF
TT
RANGE IK10
E110
Lm/W

INDELAGUE GROUP

INDELAGUE[™]

HIGH TECH | LIGHTING SOLUTIONS

ROXO lighting

CONCEPT

2 TT range

TUBULAR LUMINAIRES
DESIGNED FOR DIFFERENT
APPLICATIONS



Our tubular range includes the products TTP, TTP 70 LED, TTP 70, TTM LED and TTM. This range was developed for the most extreme atmospheric and environmental conditions. The compact design of our luminaires combined with high quality materials (eg. U.V.

protection) and high IP ratings (IP 68) and IK ratings (IK10) makes them a desired product for various applications. LED luminaires and dimmable versions are sustainable lighting solutions, allowing energy savings and the reductions of your carbon footprint.



SIZES / MOUNTING TYPES

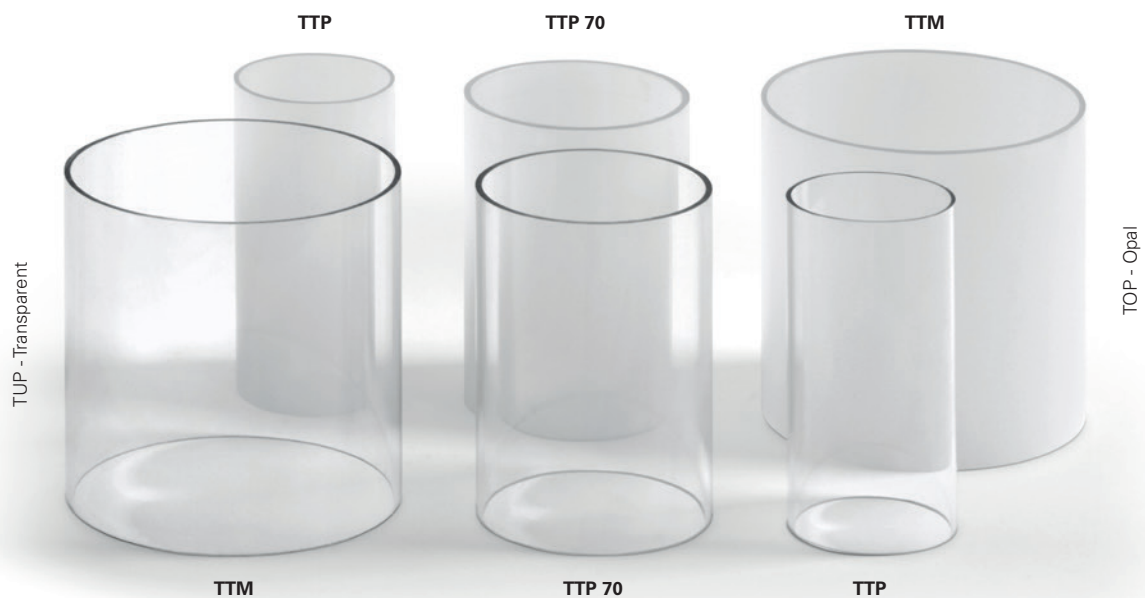
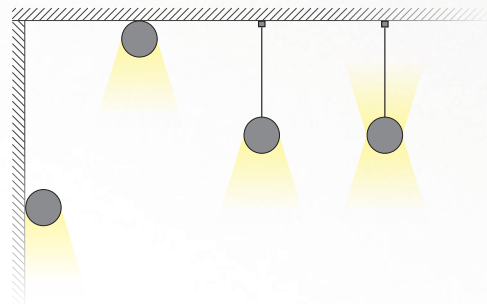
4 TT range

COMPLETE RANGE
WITH THREE
SIZES AVAILABLE
AND VARIOUS
MOUNTING TYPES

SIZES AVAILABLE:



MOUNTING TYPES:



The TT range has three sizes available
Ø50mm (TTP) , Ø70mm (TTP 70 LED, TTP 70)
e Ø100mm (TTM LED, TTM).

On our tubular luminaires you can select
either transparent or opal polycarbonate
diffusers, where the simplicity, elegance,
hardiness, energy efficiency and reliability
are our main characteristics.

These range of luminaires can be surface,
suspended or wall mounted, with a wide range
of accessories and options available. On our
TTM LED (Ø100mm) you can also find a direct/
indirect version available with 80:20 ratio.



TTP - Surface
(available for all products range)



TTP 70 - Suspended
(available for all products range)

TTM - Wall mounted
(available for all products range)



PROTECTION INDEX - IP & IK

6 TT range

HIGH PROTECTION LUMINAIRES

TTP

IP68 - IK10



Shown in real size

TTP 70

IP68 - IK10



Shown in real size

On all versions of our tubular luminaires we provide high index level against penetration of solids and liquids (IP68), together with a high protection level against external mechanical impacts, that can go up to 20 Joules (IK10).

TTP, TTP 70 LED, TTP 70, TTM LED and TTM suits extreme environments, such as permanent submersion in water under low pressure applications.

The toughness, energy efficiency and quality of the materials are the warranty for a long term investment.

TTM

IP68 - IK10



Shown in real size

OPTICAL RANGE

8 TT range

AESTHETICS AND OPTICAL ARRANGEMENTS

Our tubular range offers a wide range of optical solutions.

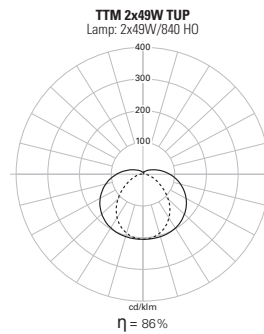
On the T5 fluorescent versions you can choose between transparent (TUP) or opal (TOP) diffusers, whereas on the LED versions you will only find our opal diffuser (TOP).

The T5 fluorescent version of TTM also have a combined optical solution, that integrates polished double parabolic louvre and transparent diffuser (PBP).

TUP

TRANSPARENT POLYCARBONATE DIFFUSER

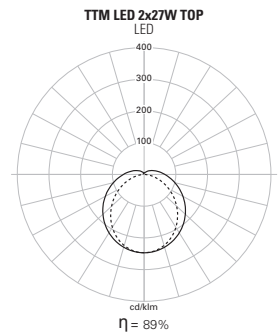
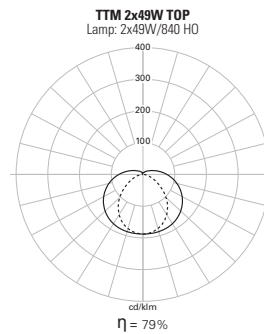
Choose transparent polycarbonate diffuser TUP for modern style and an exceptional performance.



TOP

OPAL POLYCARBONATE DIFFUSER

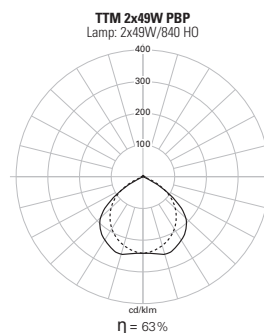
Choose opal polycarbonate diffuser TOP for an elegant and contemporary look.



PBP

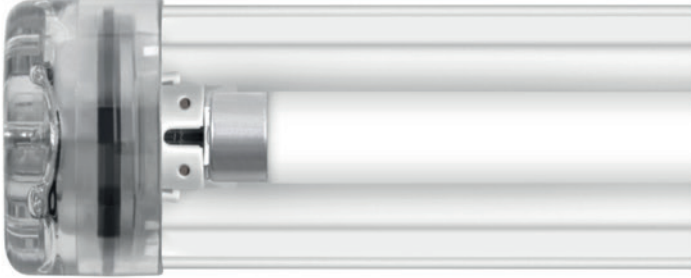
POLISHED DOUBLE PARABOLIC LOUVRE AND TRANSPARENT POLYCARBONATE DIFFUSER

Choose the polished double parabolic louvre and transparent polycarbonate diffuser to obtain a modern style luminaire with a superior light uniformity.



TTP

TUP (T5)



TOP (T5)



TTP 70 LED
TTP 70

TUP (T5)

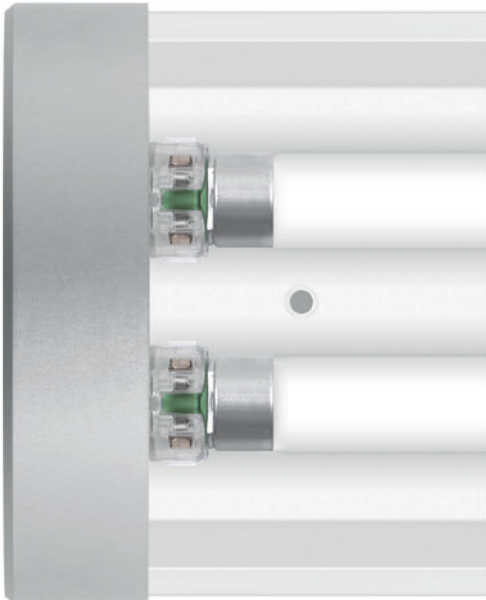


TOP (LED / T5)



TTM LED
TTM

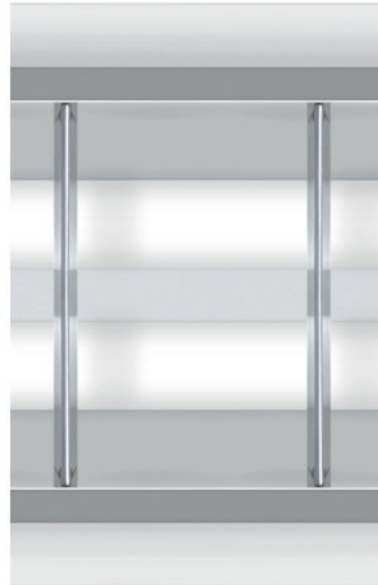
TUP (T5)



TOP (LED / T5)



PBP (T5)



FEATURES / COMPONENTS

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TT range

TTP RANGE WIDE RANGE OF OPTIONS

T5 VERSION

Luminaire available in T5 fluorescent version with transparent polycarbonate diffuser (TUP) or opal polycarbonate diffuser (TOP).

END CAP

Injection-molded transparent polycarbonate as standard or anodised aluminium as optional.

CABLE GLAND

Plastic cable gland M16x1.5 as standard or metal cable gland M16x1.5 as optional. 1,5m cable H07RN-F included.





EMERGENCY UNIT

1 hour emergency unit available as optional.

DSI/DALI CONTROL SYSTEM

Allows simple interface with building management systems, increasing the energy efficiency.

CONTINUOUS LINE

Aluminium connector powder coated in matt grey, IP65 and Class I.

FEATURES / COMPONENTS

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TT range

TTP 70 RANGE WIDE RANGE OF OPTIONS

LED VERSION

The use of the latest LED technology on TTP 70 LED allow us to have high LED standards, such as CRI >80, 50.000h life (L80F10) and a colour stability MacAdam 3 SDCM.

TTP 70 LED uses an opal diffuser (TOP) and 4000K as standard or 3000K as optional.

TTP 70 LED is the perfect solution for dimmable control systems applications.

DSI/DALI CONTROL SYSTEM

Allows simple interface with building management systems, increasing the energy efficiency.

TTP 70 LED
110
Lm/W



**T5 VERSION**

Luminaire available in T5 fluorescent version with transparent polycarbonate diffuser (TUP) or opal polycarbonate diffuser (TOP).

END CAP

Injection-molded transparent polycarbonate.

CABLE GLAND

Plastic cable gland M16x1.5 as standard or metal cable gland M16x1.5 as optional. 1,5m cable H07RN-F included.

EMERGENCY UNIT

1 hour emergency unit available as optional.

FEATURES / COMPONENTS

14

TT range

TTM RANGE WIDE RANGE OF OPTIONS

LED VERSION

The use of the latest LED technology on TTM LED allow us to have high LED standards, such as CRI >80, 50.000h life (L80F10) and a colour stability MacAdam 3 SDCM.

TTM LED uses an opal diffuser (TOP) and 4000K as standard or 3000K as optional.

TTM LED is the perfect solution for dimmable control systems applications.

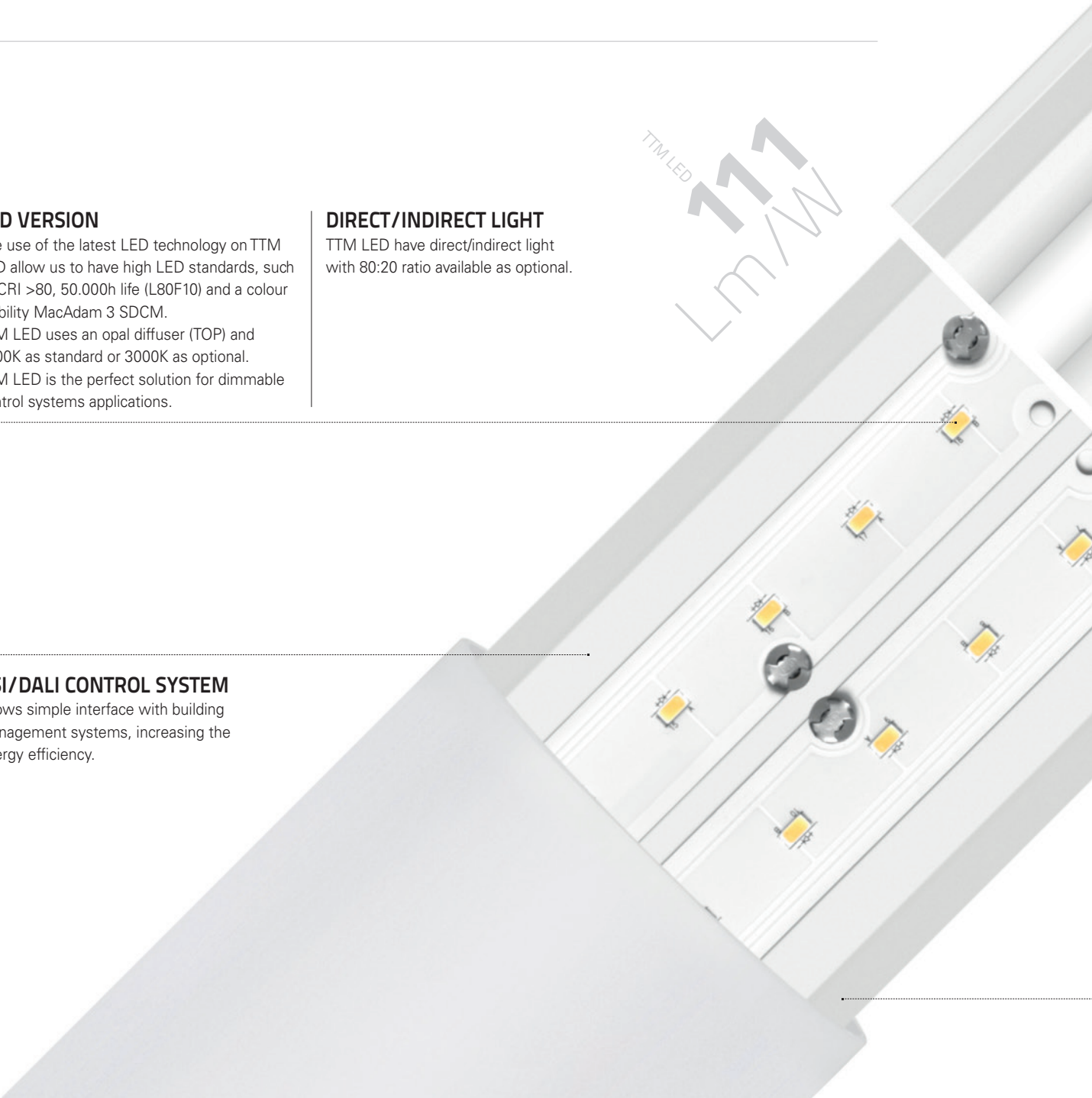
DIRECT/INDIRECT LIGHT

TTM LED have direct/indirect light with 80:20 ratio available as optional.

DSI/DALI CONTROL SYSTEM

Allows simple interface with building management systems, increasing the energy efficiency.

TTM LED
117
Lm/W



**END CAP**

Anodised aluminium as standard or stainless steel as optional.

T5 VERSION

Luminaire available in T5 fluorescent version with transparent polycarbonate diffuser (TUP), opal polycarbonate diffuser (TOP) or polished double parabolic louvre and transparent polycarbonate diffuser (PBP).

CABLE GLAND

Plastic cable gland M16x1.5 as standard or metal cable gland M16x1.5 as optional. 1,5m cable H07RN-F included.

EMERGENCY UNIT

1 or 3 hours emergency unit available as optional.

ACCESSORIES

WIDE RANGE
OF OPTIONS

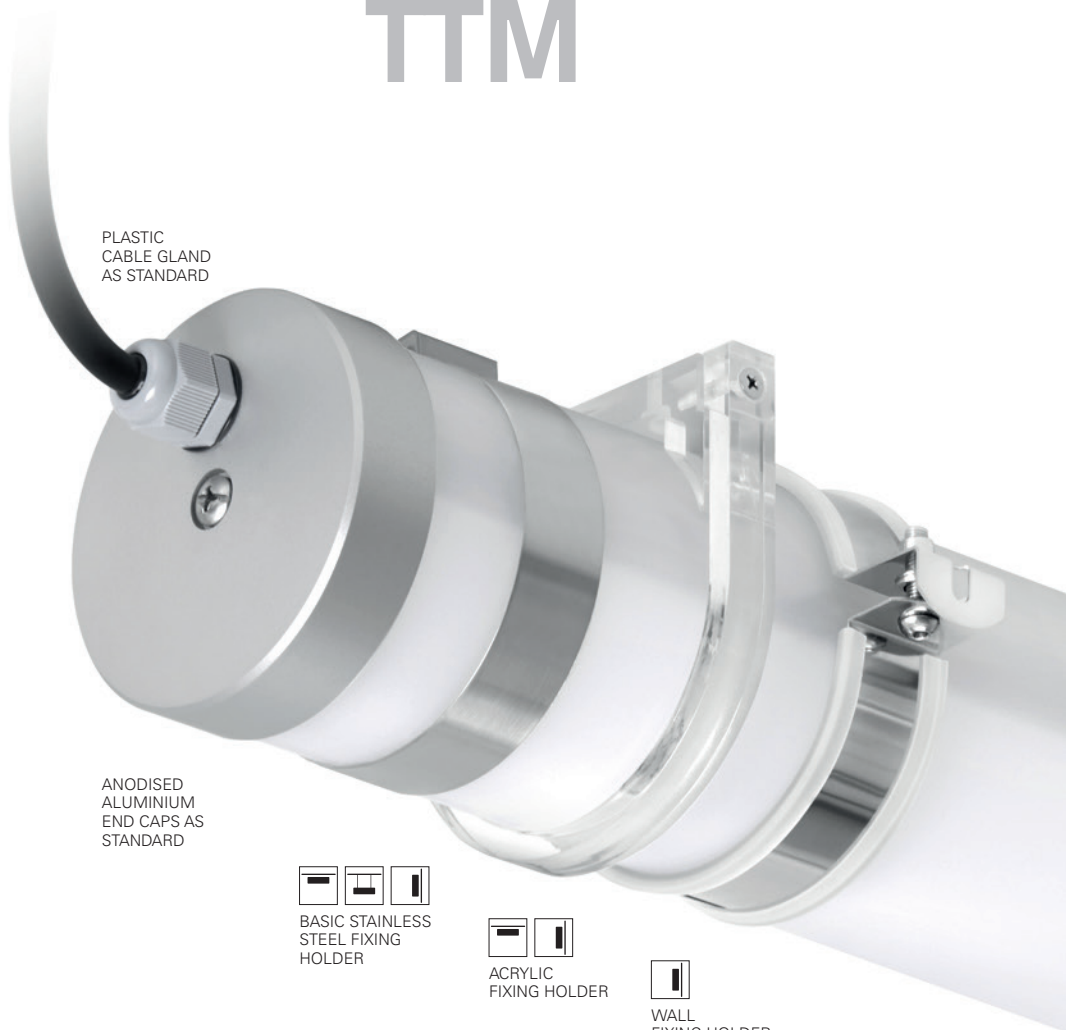
TTM

METAL
CABLE GLAND



STAINLESS
STEEL END
CAPS (IP68)

PLASTIC
CABLE GLAND
AS STANDARD



ANODISED
ALUMINIUM
END CAPS AS
STANDARD



BASIC STAINLESS
STEEL FIXING
HOLDER



ACRYLIC
FIXING HOLDER



WALL
FIXING HOLDER

TTP



METAL CABLE GLAND



ANODISED ALUMINIUM END CAPS (IP65)

PLASTIC CABLE GLAND AS STANDARD

TRANSPARENT POLYCARBONATE END CAPS AS STANDARD



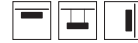
STAINLESS STEEL SUSPENSION TYPE "1"



BASIC STAINLESS STEEL FIXING HOLDER



STAINLESS STEEL FIXING HOLDER



PLASTIC FIXING HOLDER



ACRYLIC FIXING HOLDER

TTP 70



METAL CABLE GLAND

PLASTIC CABLE GLAND AS STANDARD

TRANSPARENT POLYCARBONATE END CAPS AS STANDARD



BASIC STAINLESS STEEL FIXING HOLDER



ACRYLIC FIXING HOLDER





INDELAGUE GROUP

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