



Wall Ceiling Outdoor wall, canopied Outdoor ceiling
Outdoor, not canopied (IP69K)

## $\overline{\underline{\mathbb{A}}}$ Beam characteristic

asymmetric wide wide UGR < 19 narrow very wide lambertian

## ∵o: Colour rendering index | Light colour

Ra > 80, Ra > 90 3,000 K 4,000 K 6,500 K Tunable White 2,700 K – 6,500 K

black white grey

• Operating mode switchable and DALI dimmable (ETDD) switchable (ET)

TUGRA.

CONNECTING SPACES.

solution for almost any application

into the lighting installation

 $\bullet\,$  With up to 189 lm/W and a service life of 100,000 h,

materials (PC, PMMA or innovative recycled plastic)

and a modular optical system provides the optimum

such as sensors, light management, beacons, WiFi

www.trilux.com/tugra

• Dockable IoT modules allow additional functions

and cameras to be flexibly and easily integrated

• In addition to IP66 versions, the portfolio also

contains IP69K (gas-resistant) variants

Tugra is particularly durable and efficient

• The wide variety of lengths, mounting options,

Swarm intelligence LiveLink WiFi LiveLink integrated

### 🌣 Additional equipment

Through-wiring Motion sensor Multilumen option Single battery system, 3 hours

## Accessories

Blind modules Ceiling roses Theft protection Through-wiring Spare parts End caps Continuous-line couplings Mounting plates
Mounting accessories Wire suspensions Sensor remote control Smart modules





# Mounting type Surface-mounted

Suspended

### & Mounting location

extremely wide

## Luminaire luminous flux

1,200 - 17,000 lm

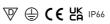
① Service life L80 = 50,000 h L80 = 70,000 h (HE) L80 = 100,000 h (HE+)

## C Luminaire colour

granite grey opal

## ((j)) Connectivity

Connectors





LUMINAIRES WITH HIGHER PROTECTION RATING

## **CONTACTS**

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All technical data including dimensional and weight specifications have been compiled with due care. Errors reserved. Possible colour deviations are due to printing processes. We reserve the right to modify in the interest of progress. Luminaires are partly shown with accessories that must be ordered separately. Images of installations may show custom-manufactured luminaires. This publication was printed on PEFC-certified paper in an environmentally friendly way.

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