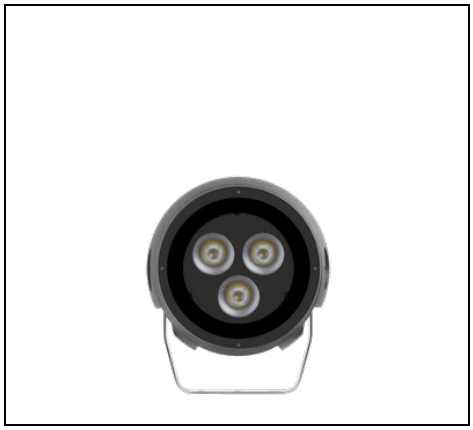
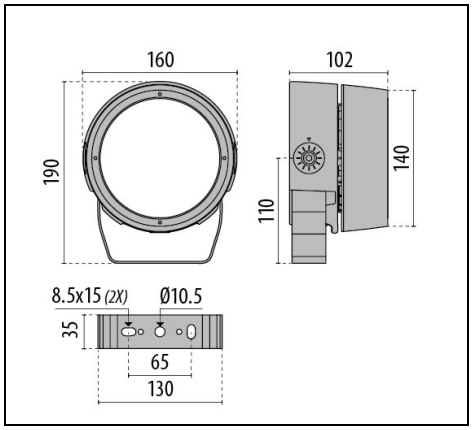
date: 28/10/2026

# TYK+ 15 C/I

## Part number LTS1603DB840








IP 66 | CLASS I | FULL CUT OFF | ULR<1 | CIEn°3>95 | DALI | CE | EAC | UKCA

### Description

LED floodlight for indoor and outdoor, comprising:
- Die-cast aluminium separate housing compartments to maximise heat dissipation between electronic components and the LEDs, polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5)
- Extra-clear, toughened, flat glass diffuser, silk-screened on the inside
- Glazing diffuser permanently sealed to the housing trough high-temperature resistant silicone
- High-transparency polycarbonate optics
- Optics assembly specifically developed for architectural lighting: custom-made optics achieve targeted illumination with precisely controlled beams without chromatic aberration
- Anti-ageing custom moulded silicone sealing gasket(s) with resilient elastic return capacity
- Tear-proof nickelled brass cable gland M20x1.5 for cables Ø 10 mm- Ø 14 mm
- Stainless steel locking hardware
- Stainless steel wall-mounting bracket
- Integral graduated stainless steel goniometer for precise aimings
- The snoot accessory is compatible with narrow-beam (C/I) optics
- Dimmable DALI

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
**PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy**
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

**info.it@pil.lighting**
www.performanceinlighting.com

## Product data

| | | | |
|---|---|---|---|
| **ETIM Group:** | EG000027 | **ETIM Class:** | EC001744 |

## General information

| | | | |
|---|---|---|---|
| **Lampholder:** | LED | **Light source:** | LED |
| **Lightsource lumen output [lm]:** | 2640 | **Luminaire lumen output [lm]:** | 1715 |
| **Luminaire wattage [W]:** | 24 W | **Luminous efficacy [lm/W]:** | 71 |
| **CRI:** | 80 | **Colour temperature [K]:** | 4000 |
| **Colour / Finishing:** | AN-96 / Anthracite gray / Textured | **IP degree of protection:** | IP66 |
| **Impact resistance / impact energy:** | IK07 4J xx5 | **Protection class:** | I |
| **Optic:** | C/I - Circular Intensive | **Beam angle:** | 10° |
| **Net weight [kg]:** | 2.008 | **Overall diameter [mm]:** | 160 |
| **Overall length [mm]:** | 160 | **Overall width [mm]:** | 102 |
| **Overall height [mm]:** | 190 | | |

## Mechanical features

| | | | |
|---|---|---|---|
| **Shape:** | Round 150 ≤ x ≤ 300 mm | **Housing material:** | Aluminium |
| **Diffuser material:** | Glass | **Glow wire test [°C]:** | 650 °C |
| **Frontal exposed area [m²]:** | 0.02 | **Lateral exposed area [m²]:** | 0.02 |
| **Top exposed area [m²]:** | 0.02 | | |

## Electrical features

| | | | |
|---|---|---|---|
| **Voltage type:** | AC | **Input voltage [V AC]:** | 220/240 |
| **Input frequency [Hz]:** | 50/60 | **Power factor / COS Φ:** | >0.9 |
| **Inrush current [A/µs]:** | 5 / 70 | **C10 1.5 mm²:** | 30 |
| **C16 2.5 mm²:** | 40 | **B10 1.5 mm²:** | 20 |
| **B16 2.5 mm²:** | 30 | | |

## Installation

| | | | |
|---|---|---|---|
| **Application area:** | Outdoor lighting | **Mounting type:** | Architectural floodlight |
| **Min. ambient temperature [°C]:** | -20 | **Max. ambient temperature [°C]:** | 40 |
| **Glass temperature [°C]:** | 50 | **Min. distance from lighted object [m]:** | 0.50 |

## Light features

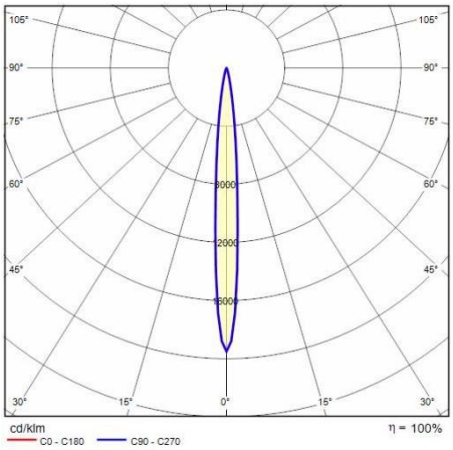
| | | | |
|---|---|---|---|
| **MacAdam:** | 3 | **Lumen maintenance:** | L90B10@75000h |
| **Distribution of light emission:** | Direct | **Luminous Intensity Class:** | G*6 |
| **Zero light pollution (ULR = 0%):** | | | |

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
**PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy**
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

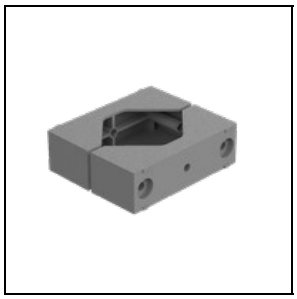
**info.it@pil.lighting**
www.performanceinlighting.com

## Photometric data




## Optional accessories

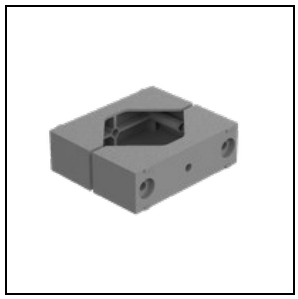
TYK+ 15



**14029094**

Gliding support made of painted aluminium for the installation on 60-76 mm Ø posts. 1 luminaire

GR-94 / Metallic grey



**14047194**

Gliding support made of painted aluminium for the installation on 60-76 mm Ø posts. 2 opposed luminaires

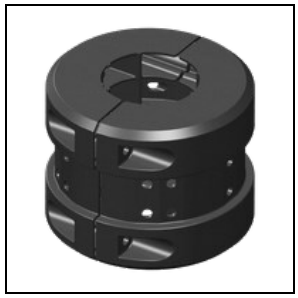
GR-94 / Metallic grey



**14099696**

Gliding support made of painted aluminium for the installation on Ø 90 mm posts

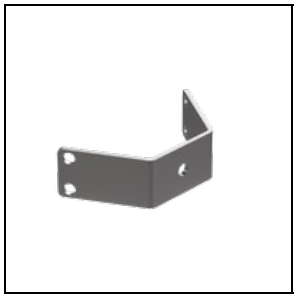
AN-96 / Anthracite gray



**14099896**

Gliding support made of painted aluminium for the installation on Ø 60 mm posts

AN-96 / Anthracite gray



**3107473**

Two-axis rotation bracket for gliding support

INOX / Stainless steel



**700191**

Ground spike

BK-81 / Black

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
**PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy**
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

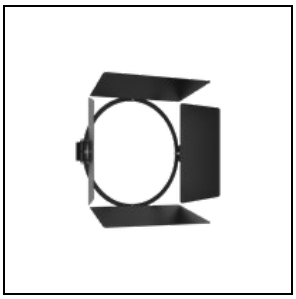
**info.it@pil.lighting**
www.performanceinlighting.com



**LTS1A2533**

Extra rotation bracket +55°/-90°

INOX / Stainless steel



**LTS1A3561**

Barndoors painted

BK-81 / Black



**LTS1A3571**

Anti-glare snoot

BK-81 / Black

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
**PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy**
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

**info.it@pil.lighting**
www.performanceinlighting.com