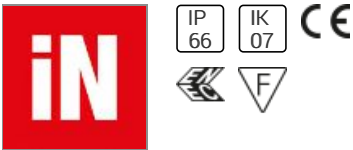


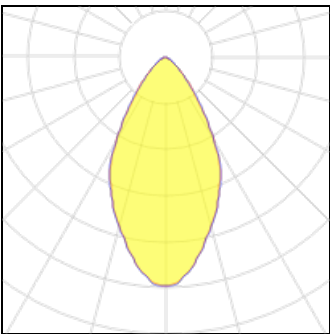
# Product data sheet

TYK+ 15 C/IW 65° 24W 830 AN-96  
LTS1603FJ830  
PERFORMANCE IN LIGHTING



Part number: LTS1603FJ830. Serie: TYK+. 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. Product data | ETIM Group: EG000027. ETIM Class: EC001744. General information | Lampholder: LED. Lightsource lumen output [lm]: 2400. Luminaire lumen output [lm]: 1730. Luminaire wattage [W]: 24 W. Luminous efficacy [lm/W]: 72. CRI: 80. Colour temperature [K]: 3000. Colour / Finishing: AN-96 / Anthracite gray / Textured. IP degree of protection: IP66. IK07 4J xx5. Protection class: I. Optic: C/IW - Circular Wide. Beam angle: 65°. Net weight [kg]: 1.962. 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: PROFESSIONAL OUTDOOR. Mounting type: Feature Spot Lights. Min. ambient temperature [°C]: -20. Max. ambient temperature [°C]: 40. Glass temperature [°C]: 58. Min. distance from lighted object [m]: 0.50. Light features | Lamps: 1. ILCOS: DSR. MacAdam: 3. Lumen maintenance: L90B10@75000h. Distribution of light emission: Direct. Luminous Intensity Class: G\*6. Zero light pollution (ULR = 0%). CIE flux code n.3 95. Certifications | CE certified. ENEC certified. EAC certified. UKCA certified. RCM certified. Mountable on normally inflammable surfaces.

## Light output 1 (integrated)



|                    |         |             |        |
|--------------------|---------|-------------|--------|
| Lamp type          | LED     | CCT         | 3000 K |
| Nominal lamp power | 24 W    | CRI         | 80     |
| Total flux         | 1730 lm | LOR         | 100%   |
| Luminous efficacy  | 72 lm/W | Total power | 24 W   |

## Mounting mode

Wall mounted

## Shape and measurements

Length: 5.08 in  
Width: 5.00 in  
Height: 1.38 in

## Electric

System power: 24 W  
Appliance Class: 0

## Adjustability

Tiltable

## Protection

IP: 66

IK: 07

Designation labels: CE, ENEC, F