Product data sheet

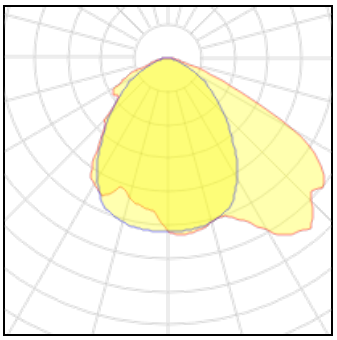
SMART [4] 4M HLO ASYMM 253W 840 GR-RAL7035 DALI
GWS4421BC840
PERFORMANCE IN LIGHTING



IP 66 IK 08

Part number: GWS4421BC840. Serie: Smart [4]. LED device suitable for the indoor lighting of industries and sports facilities. Body in Halogen-free nylon loaded with grey glass fibre (RAL7035) with vent and anti-condensation device, heat sink in aluminium alloy EN AB 44300. Available in 3 sizes (1M, 2M and 4M), each with 2 power steps (HE and HLO). Available in 3 versions: HE (High Efficiency), HLO (High Lumen Output) and DALI with integrated emergency kit. Available in 3000 K, 4000 K and 5700 K, with CRI 80. Available with integrated On/Off or DALI driver. The version with through wiring has pre-wired mechanical and electrical connection components. It is equipped with a dual optical system that includes a metallic reflector with ARRAY optics and a metallic reflector with UV stabilized PMMA lenses, with high efficiency, which allow a wide variety of light distributions 30°, 60°, 90°, Asymmetric and Elliptical. Suspension, wall and projection appliances can be installed. Available in DALI version with integrated emergency kit with 3h autonomy. L90B10 (Tq 25°C) 150.000 h; L90B10 (Tq 50°C) = 100.000 h. Product data | ETIM Group: EG000027. ETIM Class: EC001716. General information | Lampholder: LED. Luminaire lumen output [lm]: 35600. Luminaire wattage [W]: 253 W. Luminous efficacy [lm/W]: 141. CRI: 80. Colour temperature [K]: 4000. Colour / Finishing: Grey RAL 7035 / Grey RAL7035. IP degree of protection: IP66. IK08 5J xx5. Protection class: I. Optic: ASYMM - Asymmetric. Net weight [kg]: 15.805. Overall length [mm]: 700. Overall width [mm]: 504. Overall height [mm]: 114. Mechanical features | Housing material: Plastic. Diffuser material: Glass. Glow wire test [°C]: 850 °C. Electrical features | Voltage type: AC. Input voltage [V AC]: 220/240. Input frequency [Hz]: 50/60. Dimmable DALI. Installation | Application area: PROFESSIONAL INDOOR. Mounting type: Hi / low-bay. Min. ambient temperature [°C]: -30. Max. ambient temperature [°C]: 50. Light features | MacAdam: 3. Lumen maintenance: L90B10@150000h. Distribution of light emission: Direct. Certifications | CE certified. ENEC certified. UKCA certified. Compliant to DIN 18032-3.

Light output 1 (integrated)



Lamp type	LED	CCT	4000 K
Nominal lamp power	253 W	CRI	80
Total flux	35589 lm	LOR	100%
Luminous efficacy	141 lm/W	Total power	253 W

Mounting mode

Pendant

Shape and measurements

Length: 27.56 in
Width: 19.84 in
Height: 4.49 in

Adjustability

Height adjustable

Electric

System power: 253 W
Appliance Class: 0

Protection

IP: 66
IK: 08
Designation labels: CE, ENEC

Design

Color of housing: Silver gray