Product data sheet

SMART [PRO] 2.0 1M S2 MEDIUM 165W 840 GRAPHITE GREY 1÷10V
GWP2184BS

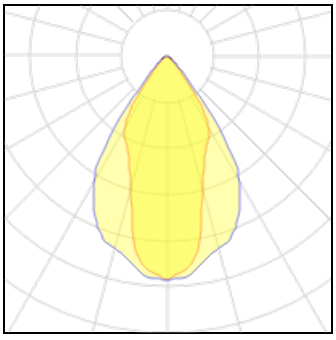
PERFORMANCE IN LIGHTING



IP 66 IK 08

Part number: GWP2184BS. Serie: Smart [PRO] 2.0. Medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. The body is produced in aluminium die casting EN AB 46100, with integrated passive heat sink, powder coated polyester with trivalent passivation. Available with nine different types of optics, three types of Colour Temperature (3,000K/4,000K/5,700K) and two different types of Chromatic Yield Index (CRI70, CRI80). Metal core PCB with CSP LED. Available with integrated 1-10V or DALI driver. Designed to withstand surges up to 5 kV (RCCB mode) and 10 kV (common mode), temperature variations from -30°C to +50°C, water and dust penetration up to IP66 protection and impacts up to IK08. Insulation class I or II. Electrical connection via IP68 connector for 1.5mm2 cables. Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Equipped with a venting and anti-condensation valve. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale and supplied in kit. L90B10 (Tq 25°C) = 50.000 h; L80B10 (Tq 25°C) = 110.000 h. Product data | ETIM Group: EG000027. ETIM Class: EC001744. General information | Lampholder: LED. Luminaire lumen output [lm]: 19900. Luminaire wattage [W]: 165 W. Luminous efficacy [lm/W]: 121. CRI: 80. Colour temperature [K]: 4000. Colour / Finishing: Graphite grey / Graphite grey. IP degree of protection: IP66. IK08 5J xx5. Protection class: I. Optic: S2 - Symmetric. Beam angle: Medium. Net weight [kg]: 5.67. Overall length [mm]: 460. Overall width [mm]: 260. Overall height [mm]: 98. Mechanical features | Housing material: Aluminium. Diffuser material: Glass. Electrical features | Voltage type: AC. Input voltage [V AC]: 220/240. Input frequency [Hz]: 50/60. Dimmable 1-10 V. Installation | Application area: PROFESSIONAL OUTDOOR. Mounting type: Floodlighting. Min. ambient temperature [°C]: -30. Max. ambient temperature [°C]: 40. Light features | MacAdam: 3. Lumen maintenance: L80B10@110000h. Distribution of light emission: Direct. Luminous Intensity Class: G*6. IPEA* (road lighting): A++. IPEA* (large areas, roundabouts): A5+. IPEA* (cycle-pedestrian): A++. IPEA* (green areas): A3+. IPEA* (historic city centers): A9+. Certifications | CE certified. UKCA certified. Compliant to DIN 18032-3.

Light output 1 (integrated)



Lamp type	LED	CCT	4000 K
Nominal lamp power	165 W	CRI	80
Total flux	18974 lm	LOR	46%
Luminous efficacy	115 lm/W	ULOR	5%
		Total power	165 W

Mounting mode

Wall mounted

Shape and measurements

Length: 9.29 in
Width: 8.62 in
Height: 1.46 in

Electric

System power: 165 W
Appliance Class: 0

Adjustability

Tiltable

Protection

IP: 66

IK: 08

Designation labels: CE