Product Data Sheet

GWS3220ET857

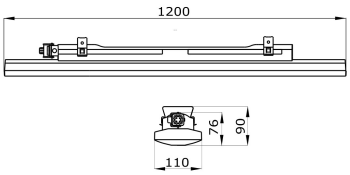
SMART [3]e

Smart [3]e is a watertight fixture IP66/69 with Mid power LED with wire bording, available in 4000K,5700K, with CRI ≥80. IK08 body in RAL7035 colored self-exhausting polycarbonate, for industrial applications and ideal for production areas, warehouses, logistics areas and design to replace fluorescent devices and lowbay up to 6,500lm. Available in sizes 800 e 1200mm, powers from 34W to 52W, flux range from 3.700lm to 6.300lm, with integrated Power On/Off and 2 different optical solutions UV-stabilized self-extinguishing polycarbonate, in opal or trasparent finish. The version with passing wiring has mechanical and electrical connection components prewired, with up to 25 fixtures installed in a continuous row. The device can be hung or wall mounted and is available a GW bracket accessories with a tilt of 30° or 45° on the vertical axis. Available also with an emergency kit version.

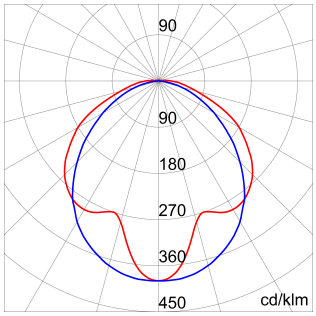
GENERAL INFORMATION	-
Context	Lighting of warehouses, indoor parking and industrial production rooms
Luminaire	LED fixture for general lighting
Application	Internal
Unique digital code (Datamatrix)	Datamatrix
Colour	Grey RAL 7035
Type of light source	LED
System power	52 W
LED Lifetime	L80B20(Tq25°C)=90.000h - L80B20 (Tq40°C)=50.000h
Weight (kg)	2
Warranty	5 years
Stocking temperature	-25 +80 °C
Operating temperature	-25 +40 °C
MATERIALS	-
Body	Polycarbonate
Shield type	UV stabilised polycarbonate
Optic	Integrated in the screen
Gasket	CNC deposited sealant
Locking Hook	-
External screw	-
Colour	RAL7035 colored PC paste
STANDARDS AND APPROVALS	-
Classification	-
Device with reduced surface temperature	Yes
DIN 18032-3 certification	Not available
IPEA	-
Insulation class	II
IP degree	IP66/IP69
Mechanical resistance	IK08
Glow Wire Test	850 °C

OPTIC AND ILLUMINATING FEATURES	-
Optic	Microprismatic transparent
Unified Glare Rating	-
Lumen output (lm)	6300
Efficacy (lm/W)	121
Colour temperature	5700 K
Colour Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	-
Standard	EN60598-1; IEC 62778; IEC62471
ELETRICAL AND LIGHTING FEATURES	-
Supply voltage	220 - 240 V
Rated frequency (Hz)	50/60 Hz
Driver	Included
Driver failure rate	F10 = 90.000 h a Tq 25°C/F10= 50.000 h a Tq 40°C
Overvoltage protection	DM 1KV / CM 2KV
Control System	Stand Alone - On / Off
INSTALLATION AND MAINTENANCE	-
Mounting and installation	Ceiling - Wallmounting - Suspension
Tilt	With fixing bracket
Wiring	With GW connect watertight connector
Fixing	Stainless steel support
Light souce replaceability	Non-replaceable
Controlgear replaceability	Non-replaceable
Driver Box	Built-in
Maximum surface exposed to the wind	-
	-
	-
	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY

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IP	IK	GWT
IP66/IP69	IK08	850 °C

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STANDARDS/APPROVALS

Authorised Distributor:

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