GEWISS

Product Data Sheet

GWS4120GA840

SMART[4]

Smart [4] UL is the series of indoor LED lighting devices suitable for lighting of industries and sports facilities. Three different sizes available: 1M, 2M and 4M. The body is made of nylon "Halogen-free" loaded with gray fiberglass (RAL7035) with venting and anti-condensation device, aluminum alloy heat dissipation device EN AB 44300. It is equipped with a double optical system that provides a metallic reflector with ARRAY optics and a metallic reflector with PMMA lenses stabilized at the UV, high efficiency, which allow two different light distributions 60° and 90°. The electrical connection will be via 3x16 AWG tear-proof cable coming out of the product via a PG13.5 plastic cable gland UL certified. Industrial reflector is UL certified UL (UL 1598 - CSA C22.2 No. 250.0-18). It is possible to install hanging, wall and projection devices. It is available with three types of Colour Temperature (4000K / 5700K), CRI>80 Colour Rendering Index and ON/OFF power supply.

GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEATURES	-
Context	Logistics and industrial manufacturing lighting	Optiek	Array
Luminaire	LED Industrial Reflector	Unified Glare Rating	-
Toepassing	Intern	Lumen-vermogen (lm)	9900
Unique digital code (Datamatrix)	Datamatrix	Efficacy (lm/W)	152
Kleur	Grijs RAL 7035	Kleur temperatuur	4000 K
Type lichtbron	LED	Colour Rendering Index	CRI>80
System vermogen	65 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10(Tq40°C)=140.000h	Photobiological Risk Class	RG0
Gewicht (kg)	3.5	Standaard	UL 1598 - CSA C22.2 No. 250.0-18
Garantie	5 jaar	ELETRICAL AND LIGHTING FEATURES	-
Opslagtemperatuur	-	Voedings-spanning	120-277 V
Operating temperature	-25°C ÷ +40 °C	Nominale frequentie (Hz)	50/60 Hz
MATERIALS	-	Driver	Included
Body	PA6 "Halogen Free" loaded fibreglass	Driver failure rate	F10=100.000h Tq25°C/50.000h Tq40°C
Type plaat	Tempered glass Thickness 4mm	Overvoltage protection	DM 6 kV / CM 10 kV
Optic	Metallized polycarbonate reflector	Control System	ON / OFF
Gasket	anti-aging silicone	INSTALLATION AND MAINTENANCE	-
Locking Hook	-	Mounting and installation	Ceiling - Wallmounting - Suspension
External screw	Roestvrij staal	Tilt	With bracket accessory
Colour	Grijs RAL 7035	Wiring	Single wiring with anti-breathing cable exiting metallic PG (NO Connector)
STANDARDS AND APPROVALS	-	Bevestiging	-
Classificering	-	Light souce replaceability	By professional
Toestel met verlaagde oppervlaktetemperatuur	Ja	Controlgear replaceability	By professional
DIN 18032-3-certificering	-	Driver Box	Ingebouwd
IPEA	-	Maximum surface exposed to the wind	0,097 m²
Isolatie-klasse	I		-
IP-graad	IP66		-
Stoot-bestendigheid	IK08		-
Glow Wire Test	850 °C		-

DIMENSIONAL

383
253
80
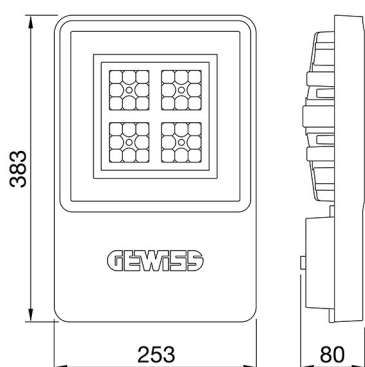
PHOTOMETRIC DISTRIBUTION

100
100
200
300
400
500
cd/klm
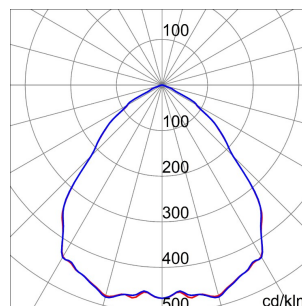
SMART[4]

TECHNICAL SYMBOLOGY

0,097 m²

		IP	IK	GWT
		IP66	IK08	850 °C

STANDARDS/APPROVALS

UKCA   cULus LISTED   CE