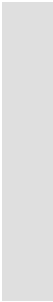


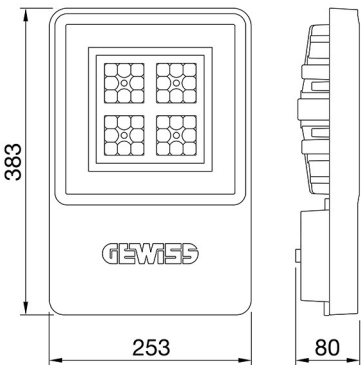
SMART[4]



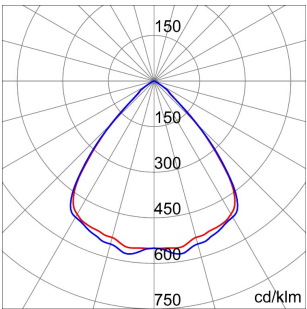
Smart [4] UL is the series of indoor LED lighting devices suitable for lighting of industries and sports facilities. Three different sizes available: 1M, 2M and 4M. The body is made of nylon "Halogen-free" loaded with gray fiberglass (RAL7035) with venting and anti-condensation device, aluminum alloy 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	90°-
Luminaire	LED Industrial Reflector	Unified Glare Rating	UGR ≤ 25
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 fiberglass	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	Metallic PC reflector and PMMA lenses	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



PHOTOMETRIC DISTRIBUTION



Data, measures, designs and pictures are for information purpose only, last update 11/04/2024. They can be changed at any moment, therefore it is always ecommended to read the last updated version published on the website www.gewiss.com. Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at <https://www.gewiss.com/it/en/company/landingpage/led-warranty>. - 1 of 2

SMART[4]

TECHNICAL SYMBOLOGY




0,097 m²



IP
IP66

IK
IK08

GWT
850 °C

STANDARDS/APPROVALS

**UK
CA**

