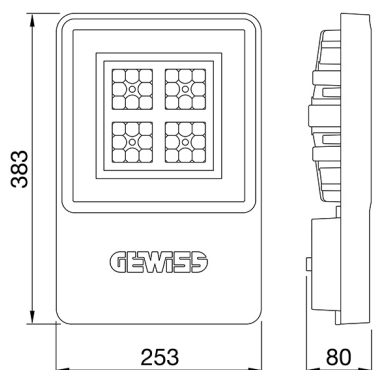Smart [4] UL is the series of indoor LED lighting devices suitable for lighting of industries and sports facilities. Three different sizes available: 1M, 2M and 4M. The body is made of nylon "Halogen-free" loaded with gray fiberglass (RAL7035) with venting and anti-condensation device, aluminum alloy 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	Optic	Array
Luminaire	LED Industrial Reflector	Unified Glare Rating	-
Application	Internal	Lumen output (lm)	9900
Unique digital code (Datamatrix)	Datamatrix	Efficacy (lm/W)	152
Colour	Grey RAL 7035	Colour temperature	5700 K
Type of light source	LED	Colour Rendering Index	CRI>80
System power	65 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10 (Tq40°C)=140.000h	Photobiological Risk Class	RG0
Weight (kg)	3.5	Standard	UL 1598 - CSA C22.2 No. 250.0-18
Warranty	5 years	**ELETRICAL AND LIGHTING FEATURES**	-
Stocking temperature	-	Supply voltage	120-277 V
Operating temperature	-25°C ÷ +40 °C	Rated frequency (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
Shield type	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	Stainless steel	Tilt	With bracket accessory
Colour	Grey RAL 7035	Wiring	Single wiring with anti-breathing cable exiting metallic PG (NO Connector)
STANDARDS AND APPROVALS	-	Fixing	-
Classification	-	Light souce replaceability	By professional
Device with reduced surface temperature	Yes	Controlgear replaceability	By professional
DIN 18032-3 certification	Available (under certain installation conditions)	Driver Box	Built-in
IPEA	-	Maximum surface exposed to the wind	0,097 m²
Insulation class	I		-
IP degree	IP66		-
Mechanical resistance	IK08		-
Glow Wire Test	850 °C		-

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION

TECHNICAL SYMBOLOGY

0,097 m²   IP
IP66   IK
IK08   GWT
850 °C

STANDARDS/APPROVALS