

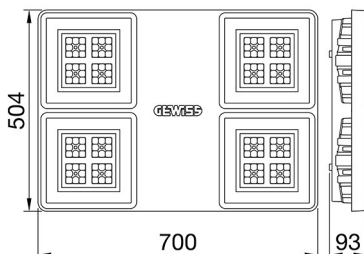
### SMART[4] Special versions



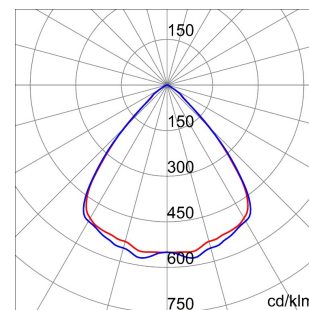
Smart [4] UL is the series of indoor LED lighting devices suitable for lighting of industries and sports facilities. Three different sizes available: 1M, 2M and 4M. The body is made of nylon "Halogen-free" loaded with gray fiberglass (RAL7035) with venting and anti-condensation device, aluminum alloy 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	Optică	90°
Luminaire	LED Industrial Reflector	Unified Glare Rating	UGR ≤ 22
Aplicație	Internă	Lumină ieșire (lm)	36000
Unique digital code (Datamatrix)	Datamatrix	Efficiency (lm/W)	141
Culoare	Gri RAL 7035	Culoare Temperatură	4000 K
Tip sursă de lumină	LED - Neînlocuibil	Color Rendering Index	CRI>80
Puterea sistemului	256 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10(Tq40°C)=140.000h	Photobiological Risk Class	RG0
Greutate (Kg)	13.5	Standard	UL 1598 - CSA C22.2 No. 250.0-18
Garanție	5 ani	ELETRICAL AND LIGHTING FEATURES	
Temperatură de stocare	-	Tensiune de alimentare	120-277 V
Operating temperature	-25°C ÷ +40 °C	Frecvență nominală (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
Ecran	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	-	Mouting and installation	Ceiling - Wallmounting - Suspension
External screw	Oțel	Tilt	With bracket accessory
Colour	Gri RAL 7035	Wiring	Single wiring with anti-breathing cable exiting metallic PG (NO Connector)
STANDARDS AND APPROVALS		Prindere	-
Clasificare	-	Optic Maintenance	Non-replaceable
Dispozitiv cu temperatură la suprafață redusă	Da	LED Maintenance	Non-replaceable
Certificare DIN 18032-3	-	Driver Box	Integrat
IPEA	-	Suprafață maximă expusă la vânt	0,350 m²
Clasă izolație	I	-	-
Clasă de protecție IP	IP66	-	-
Cod IK	IK08	-	-
Glow Test conductori	850 °C	-	-

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



### TECHNICAL SYMBOLOGY



IP  
IP66

IK  
IK08

GWT  
850 °C

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## STANDARDS/APPROVALS

