


















Protect is a tubular device with an IP69K degree of protection and equipped with stainless steel L316 end caps and clip-on mounting brackets. Protect comes with internal transit wiring 3G1.5mm<sup>2</sup> for easy and fast line assembly. Thanks to the toolless terminals with nylon cable gland on both sides and the clip-on mounting brackets, this device can be installed in no time. The opal PC diffuser guarantees an impact resistance of IK10 and makes this luminaire suitable for anti-vandalism and applications in garages and workshops. The built-in breather reduces the risk of moisture vapor and increases the service life of the seals. With autotest emergency unit and environmentally friendly LiFePO batteries, autonomy of 3 hours. Output in emergency mode 5W 652,9lm.

														
IP69K	IK10	120	5 YEARS	up to 138	0,95	75.000 L80B50	YES	84	4000	NO	SMD2835	30	NO	NO

### Technical specifications

Referentie	PRO12404PCE
EAN code	5420076255077
ETIM code	EC002892

### Electrical specifications

System power (W)	40,05
LED power (W)	38
Input voltage (Vac)	200~240
Frequency (Hz)	50/60
Driver included	yes
Driver intern/extern	intern
Driver brand	
Driver reference	
Dimmable	nee
Flicker free	yes
Power factor	0,95
THD	
Driver output (V)	30~42
Driver output (mA)	1000
Isolation class	I
Energy class	D
N° circ. breaker 16A B	
N° circ. breaker 16A C	25
N° circ. breaker 16A D	39
Inrush current	40A

### Warranty and certification

Lifetime (h)	75.000 L80B50
Warranty (years)	5 (excluding batteries)
ENEC	no

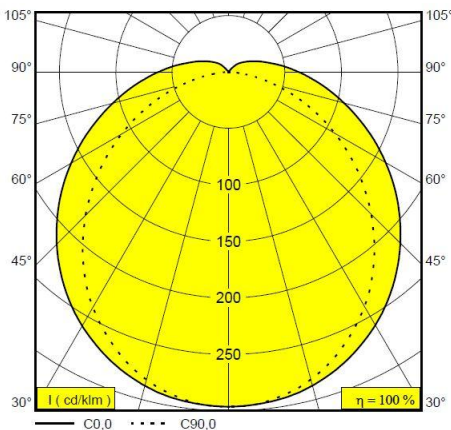
### Photometric specifications

Light angle (°)	120
Color temperature (K)	4000
CRI	84
UGR	30
SDCM	3
Lumen output (Lm)	5500
Lm/W	138
Flux code	43 72 90 92 100
Ledchip	SMD2835
Led manufacturer	San'an Optoelectronics
N° of LEDs	288
Photobiological class	RG0

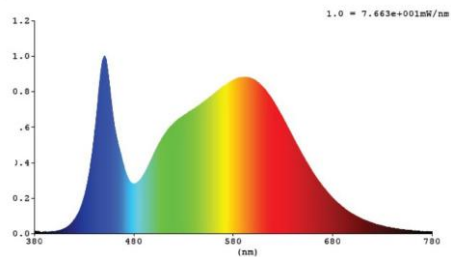
### Dimensions and material properties

Dimensions (LxBxH)	1152x75x86mm
Weight (kg)	2,32
Color	opaque
Working temp. (°C)	-20~+45
IP value	IP69K
IK value	IK10
UV resistant	yes
Seawater resistant	yes
UL94	
N° in masterbox	9
N° on pallet	72
MOQ	1
Stock item	no
EPA	

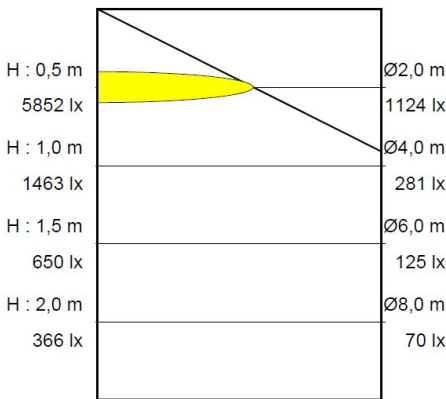
Lumen distributio



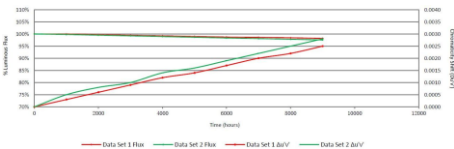
Spectrum distributio



Distance curve:



Lumendrop



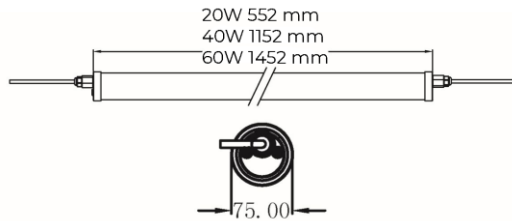
**Accessories**

PROSUS

Suspension set for Protect 1,5m long



## Dimensions



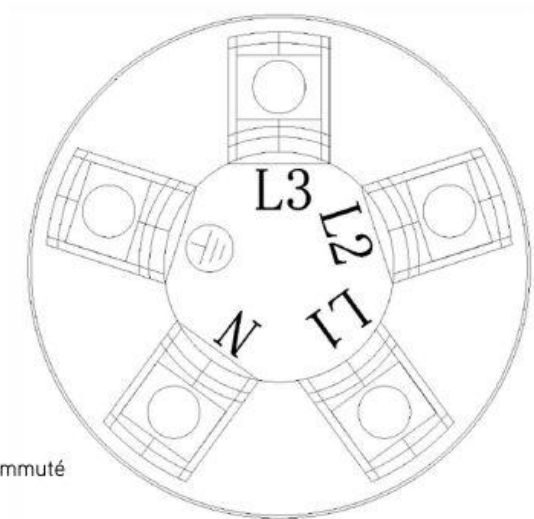
## Connection diagram

### DIMMING VERSION



### EMERGENCY

L	brown/bruin/brun	230V
L3	black/zwart/noir	230V switched/geschakeld/commuté



Glow wire test 850°C

lumen in nood 652,9Lm