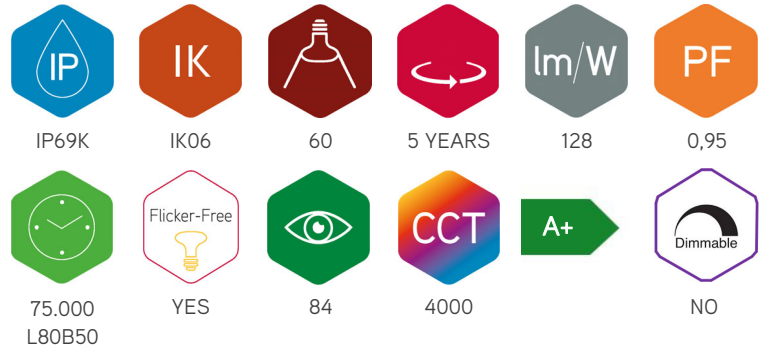


### Description:

Protect 1.5m 60W 4000K IP69K PMMA UGR<19 sensor+em



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 transparent PMMA diffuser makes this device among others. suitable for agricultural applications, industrial soap solutions, oils and chlorine gas. The internal lens optic guarantees a low glare of UGR <19. The built-in breather reduces the risk of moisture vapor and increases the service life of the seals. With built-in microwave sensor. To be used in combination with the handheld transmitter INT-remote. With autotest emergency unit and environmentally friendly LiFePO batteries, autonomy of 3 hours.

### Technical specifications

Referentie	PRO15604PMUSE
EAN code	5420076255190
ETIM code	EC002892

### Electrical specifications

System power (W)	58
LED power (W)	57
Input voltage (Vac)	200~240
Frequency (Hz)	50/60
Driver included	yes
Driver intern/extern	intern
Dimmable	nee
Flicker free	yes
Power factor	0,95
Connection cable	no
Driver output (V)	30~42
Driver output (mA)	1500
Energy class	A+

### Dimensions and material properties

Dimensions (LxBxH)	1452x75x86mm
Weight (kg)	3
Color	clear
Working temp. (°C)	-20~+45
IP value	IP69K
IK value	IK06
UV resistant	yes
Seawater resistant	yes
N° in masterbox	6
N° on pallet	0
MOQ	1

### Warranty and certification

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

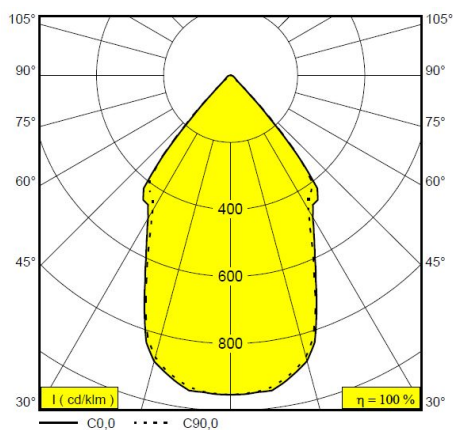
### Photometric specifications

Light angle (°)	60
Color temperature (K)	4000
CRI	84
UGR	17
SDCM	3
Lumen output (Lm)	7680
Lm/W	128
Flux code	91 99 100 100 100
Ledchip	SMD2835
Led manufacturer	San'an Optoelectronics
N° of LEDs	432
N° circ. breaker 16A C	36
N° circ. breaker 16A D	46
Photobiological class	RG0

### Sensor options

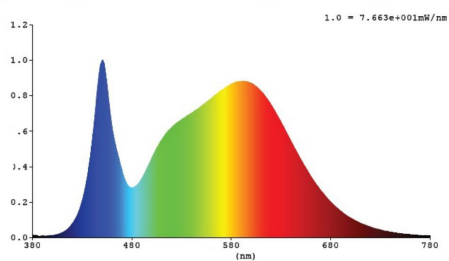
Detection range	H= max. 6m radius 8m
Time on 100%	10s/1m/5m/10m/15m/20m/30m/60m
Daylight sensor (lx)	10lx/30lx/50lx
Timing dim level	1m/30m/60m/altijd
Dim level (%)	0%/10%/30%/50%
Master/slave function	no

## Lumen distribution

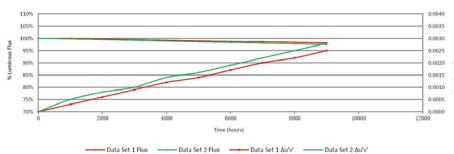


## Distance curve:



## Spectrum distribution



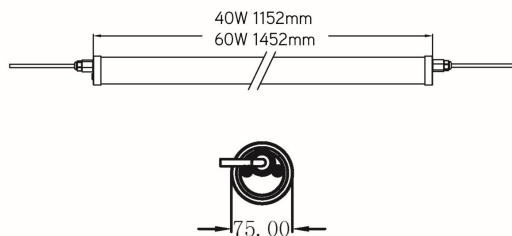
## Lumendrop



## Accessories

- |            |  |   |
|------------|--|---|
| PROSUS     | Suspension set for Protect 1,5m long         |   |
| INT-REMOTE | Integrattech universal sensor remote control |  |

## Dimensions



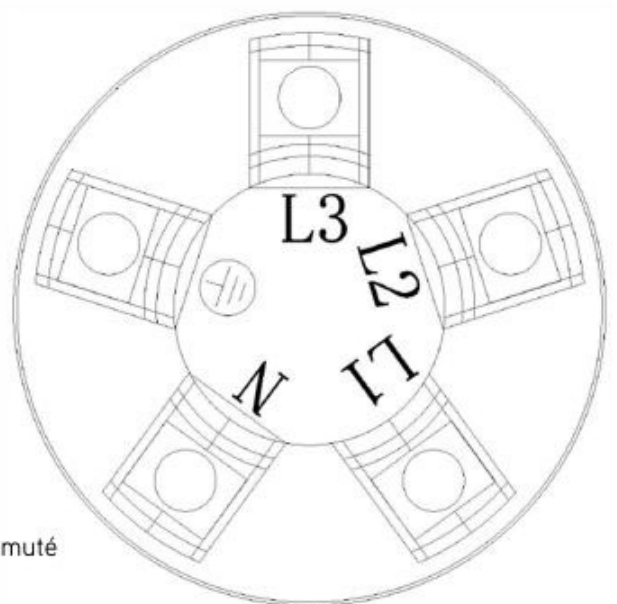
## Connection diagram

### DIMMING VERSION



### EMERGENCY

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



Glow wire test 850°C