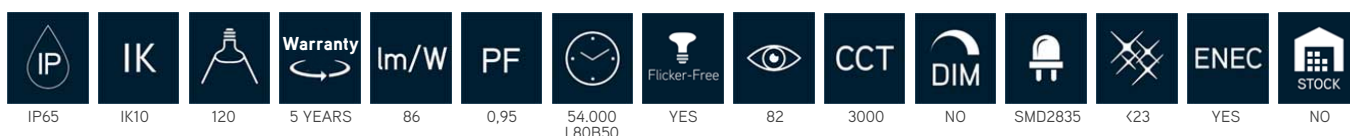




LED luminaire SOLA for wall or ceiling mounting. Impact resistant polycarbonate housing IP65 IK10. Equipped with 'toolless' connection terminals for quick and easy installation. With cable entries along the top and side. This luminaire with built-in microwave sensor and 'master/slave' function can control other devices type RFM or RFD. Maximum 16 wireless groups. All 'slave' devices that are set up in the same group as the 'master' device work synchronously with the master device. The master and slave devices communicate with each other by means of a wireless RF radio signal. Distance between two devices +/- 30 meters.



Technical specifications

Referentie	SO183RFM
EAN code	5420076217631
ETIM code	EC002892

Electrical specifications

System power (W)	18
LED power (W)	17
Input voltage (Vac)	200-240
Frequency (Hz)	50
Driver included	yes
Driver intern/extern	intern
Driver brand	
Driver reference	
Dimmable	nee
Flicker free	yes
Power factor	0,95
THD	
Driver output (V)	27-42
Driver output (mA)	500
Energy class	A+

Dimensions and material properties

Dimensions (LxBxH)	290x290x103mm
Weight (kg)	1,425
Color	white RAL9003
Working temp. (°C)	-20~+50
IP value	IP65
IK value	IK10
UV resistant	yes
Seawater resistant	no
N° in masterbox	4
N° on pallet	80
MOQ	1

Warranty and certification

Lifetime (h)	54.000 L80B50
Warranty (years)	5 (hors batteries)
ENEC	yes

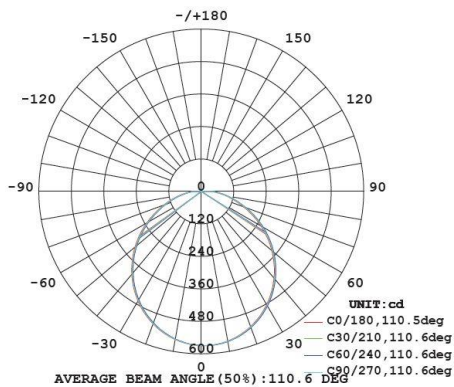
Photometric specifications

Light angle (°)	120
Color temperature (K)	3000
CRI	82
UGR	<23
SDCM	3
Lumen output (Lm)	1550
Lm/W	86
Flux code	47 78 94 100 95
Ledchip	SMD2835
Led manufacturer	Hongli
N° of LEDs	99
N° circ. breaker 16A C	38
N° circ. breaker 16A D	60
Photobiological class	RG1

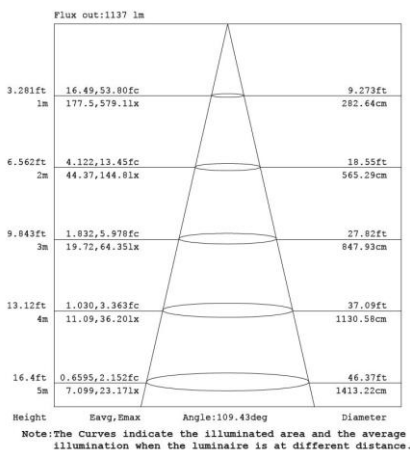
Sensor options

Detection range	10-50-75-100%
Time on 100%	30s-3m
Daylight sensor (lx)	2lux-10lux-50lux-off
Timing dim level	0s-30s-10m-off
Dim level (%)	10%-30%
Master/slave function	yes

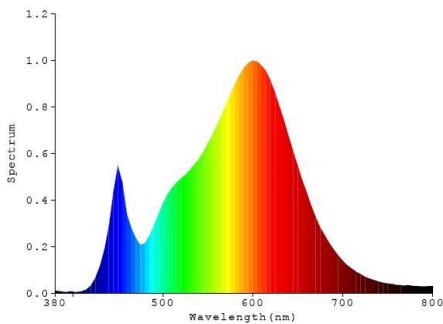
Lumen distribution



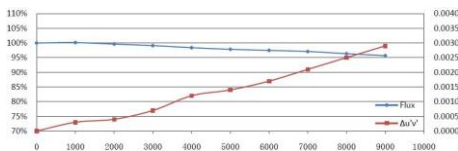
Distance curve:



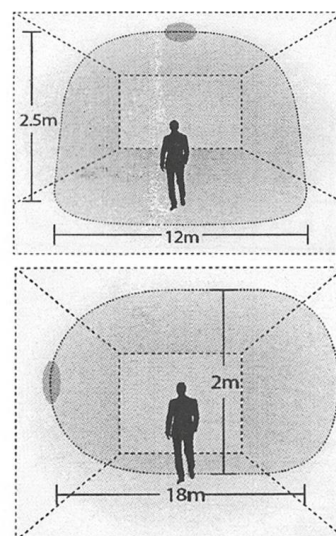
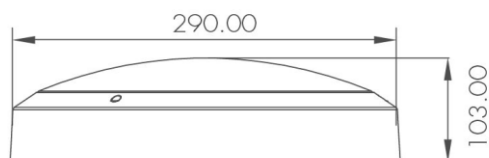
Spectrum distribution



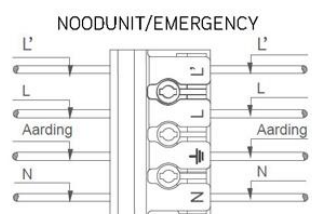
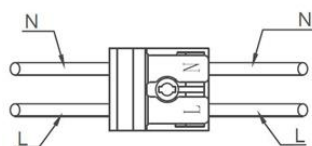
Lumendrop



Dimensions



Connection diagram



L' = 230V continu
L = 230V after switch

Detection area				Hold-time		Daylight sensor			Stand-by period			Stand-by dimming level		
	1	2			3		4	5		6	7		8	
I	●	●	100%	I	● 30S	I	●	● Disable	I	●	● 0S	I	● 10%	
II	●	○	75%	II	○ 3min	II	●	○ 50lux	II	●	○ 30s	II	● 30%	
III	○	●	50%			III	○	● 10lux	III	○	● 10min			
IV	○	○	10%			IV	○	○ 2lux	IV	○	○ ∞			

