



Damp proof LED luminaire HWDP IP66 in polycarbonate housing with opal cover IK08 and pre-assembled stainless steel clips. Equipped with 5-pole toolless connection connector on both sides and through wiring of 2.5mm². Lumen output up to 130lm/W (150lm/W version available in option). Equipped with ENEC SELV driver, flicker free. Supplied including stainless steel ceiling brackets, two M20 cable glands for line mounting and 2 input grommets for ceiling wiring. The housing has 5 inputs for cable entry through the ceiling. Sensor version with 3-step dimming, adjustable with universal IR remote INT-REMOTE (option) or dip-switch on the sensor. Maximum mounting height 3,6 meters! With emergency version autotest 3h equipped with environmentally friendly LiFePO batteries. Emergency output 4W 618lm.

														
IP66	IK08	120	5 YEARS	127	0,969	70,000 L80B10	YES	82	4000	PREFIX	SMD2835	24,7	YES	YES

Technical specifications

Referentie	HWDP-50154EMSRF
EAN code	5420076257262
ETIM code	EC002892

Electrical specifications

System power (W)	52,26
LED power (W)	50
Input voltage (Vac)	220-240
Frequency (Hz)	50/60
Driver included	yes
Driver intern/extern	intern
Driver brand	Boke
Driver reference	BK-CHL050
Dimmable	PREFIX
Flicker free	yes
Power factor	0,969
THD	<15%
Driver output (V)	30~42
Driver output (mA)	1250
Energy class	A+

Dimensions and material properties

Dimensions (LxBxH)	1570x95x83mm
Weight (kg)	2,5
Color	light grey RAL7042
Working temp. (°C)	-25~+45
IP value	IP66
IK value	IK08
UV resistant	yes
Seawater resistant	no
N° in masterbox	9
N° on pallet	0
MOQ	1

Warranty and certification

Lifetime (h)	70.000 L80B10
Warranty (years)	5 (hors batteries)
ENEC	yes

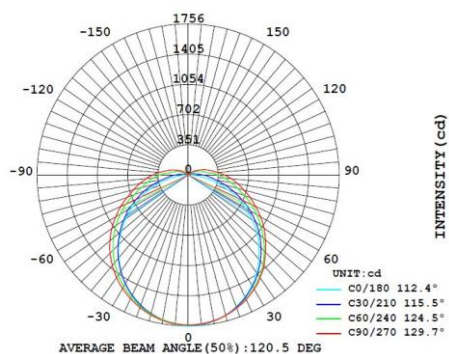
Photometric specifications

Light angle (°)	120
Color temperature (K)	4000
CRI	82
UGR	24,7
SDCM	3
Lumen output (Lm)	6100
Lm/W	127
Flux code	
Ledchip	SMD2835
Led manufacturer	Hongli
N° of LEDs	288
N° circ. breaker 16A C	10
N° circ. breaker 16A D	18
Photobiological class	RG0

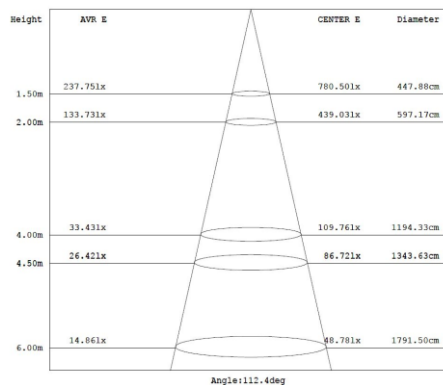
Sensor options

Detection range	H=3,6mx8m
Time on 100%	10s/1m/5m/10m/15m/30m/60m
Daylight sensor (lx)	10/30/50lx
Timing dim level	1m/30m/60m/all
Dim level (%)	20/50/75/100%
Master/slave function	no

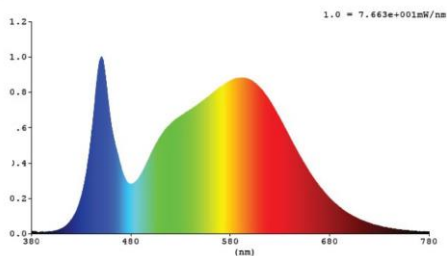
Lumen distribution



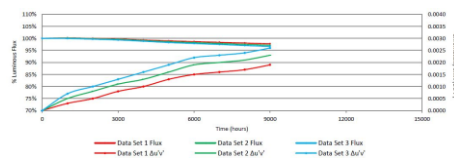
Distance curve:



Spectrum distribution



Lumendrop



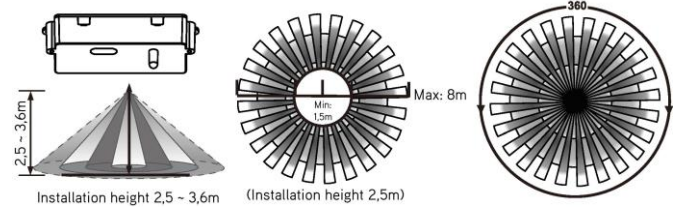
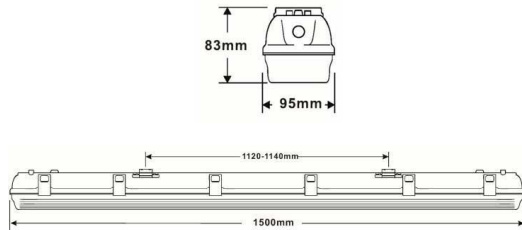
Accessories

HWDP-SUS HWDP suspension set 1,5m

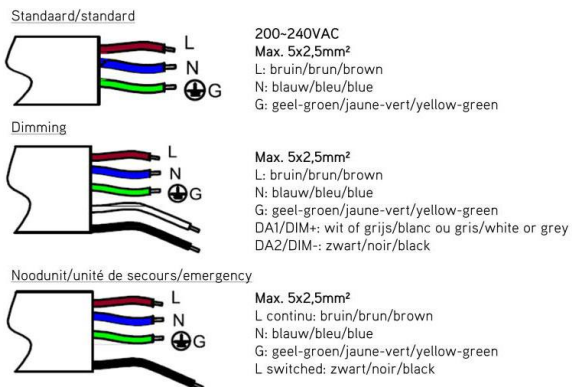
INT-REMOTE Integratech universal sensor remote control



Dimensions



Connection diagram



	Color	LED indication	Status	Comment
	Green	Permanent green	Fully Charged/ Charging Mode	AC mode
	Green	Fast flashing green (0.1 sec on, 0.1 sec off)	Function test underway	
	Green	Slow flashing green (1 sec on, 1 sec off)	Duration test underway	
	Red	Permanent red	Load failure	Open circuit/ Short circuit Led failure (emergency mode)
	Red	Slow flashing red (1 sec on, 1 sec off)	Battery failure	Battery failed the duration test or function test / No battery
		Green and red off	DC mode	Battery operation (emergency mode)

Glow wire test 850°C

THD <15%

Warranty batteries ! LiFePO 3 years

TM-21	Lifetime	Temp Tc
L70B50	199001	55°C
L80B50	122084	55°C
L90B50	53951	55°C
L70B10	118609	55°C
L80B10	73311	55°C
L90B10	33069	55°C