



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	129	0,963	70.000 L80B10	YES	82	4000	PREFIX	SMD2835	24,7	YES	YES

Technical specifications

Referentie	HWDP-36124EMSRF
EAN code	5420076258177
ETIM code	EC002892

Electrical specifications

System power (W)	38,3
LED power (W)	36
Input voltage (Vac)	220-240
Frequency (Hz)	50/60
Driver included	yes
Driver intern/extern	intern
Driver brand	Boke
Driver reference	BK-CHL042
Dimmable	PREFIX
Flicker free	yes
Power factor	0,963
THD	<15%
Driver output (V)	30~42
Driver output (mA)	1000
Energy class	E

Dimensions and material properties

Dimensions (LxBxH)	1270x95x83mm
Weight (kg)	1,62
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

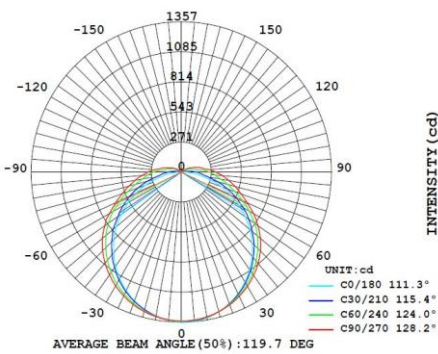
Photometric specifications

Light angle (°)	120
Color temperature (K)	4000
CRI	82
UGR	24,7
SDCM	3
Lumen output (Lm)	4630
Lm/W	129
Flux code	
Ledchip	SMD2835
Led manufacturer	Hongli
N° of LEDs	288
N° circ. breaker 16A C	20
N° circ. breaker 16A D	28
Photobiological class	RG0

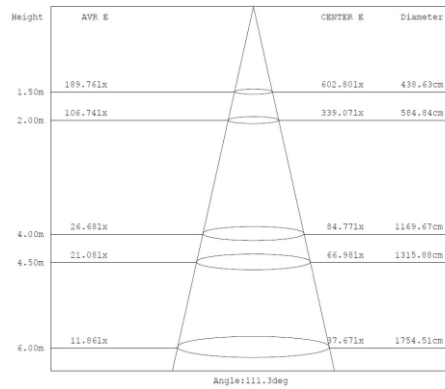
Sensor options

Detection range	H=3,6mx8m
Time on 100%	10s/1m/5m/10m/15m/20m/30m/60m
Daylight sensor (lx)	10/30/50lx
Timing dim level	1m/30m/60m/all
Dim level (%)	0/10/30/50%
Master/slave function	no

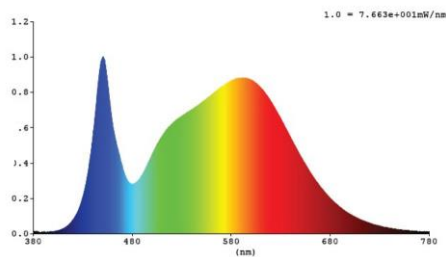
Lumen distribution



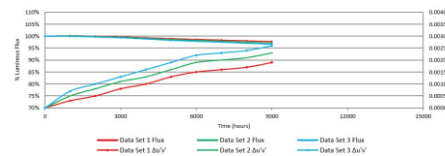
Distance curve:



Spectrum distribution



Lumendrop



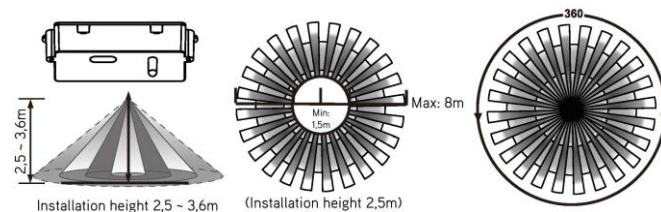
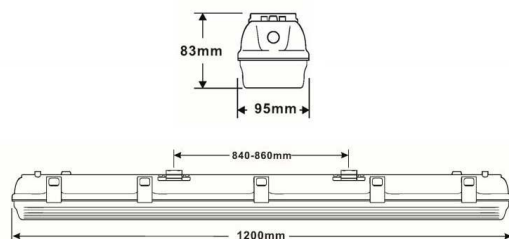
Accessories

HWDP-SUS HWDP suspension set 1,5m

INT-REMOTE Integrattech universal sensor remote control



Dimensions



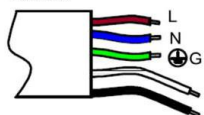
Connection diagram

Standaard/standard



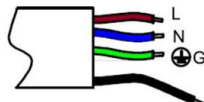
200-240VAC
Max. 5x2,5mm²
L: bruin/brun/brown
N: blauw/bleu/blue
G: geel-groen/jaune-vert/yellow-green

Dimming



Max. 5x2,5mm²
L: bruin/brun/brown
N: blauw/bleu/blue
G: geel-groen/jaune-vert/yellow-green
DA1/DIM+: wit of grijs/blanc ou gris/white or grey
DA2/DIM-: zwart/noir/black

Noodunit/unité de secours/emergency



Max. 5x2,5mm²
L continu: bruin/brun/brown
N: blauw/bleu/blue
G: geel-groen/jaune-vert/yellow-green
L switched: zwart/noir/black

	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