DATASHEET

integratech
less energy more light.

HWDP-36124HORF HWDP 1,2m 36W 4K RF sensor IP66 5

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. High output version up to 150lm/W. Equipped with ENEC SELV driver, flicker free. Ideal for line mounting and emergency power circuits. 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. Driver, through-wiring and connectors are mounted in the base of the luminaire. The LED plate and PC cover are one unit, which protects the LEDs against contact, and a fall protection with steel cable is provided. Sensor version with 3-step dimming, adjustable with universql IR remote INT-REMOTE (option) or dip-switch on the sensor. Maximum mounting height 3,6 meters!

IP	IK		Warranty	lm/W	PF		Flicker-Free		CCT	DIM			ENEC	STOCK
IP66	IK08	120	5 YEARS	147	0,963	54.000 L90B50	YES	82	4000	PREFIX	SMD2835	25	YES	YES

Technical specifications

Referentie	HWDP-36124HORF
EAN code	5420076264192
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	A+

Dimensions and material properties

Dimensions (LxBxH)	1200x95x83mm
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	6
N° on pallet	90
MOQ	1

Warranty and certification

Lifetime (h)	54.000 L90B50
Warranty (years)	5 (hors batteries)
ENEC	yes

Photometric specifications

Light angle (°)	120
Color temperature (K)	4000
CRI	82
UGR	25
SDCM	3
Lumen output (Lm)	5292
Lm/W	147
Flux code	
Ledchip	SMD2835
Led manufacturer	Hongli
N° of LEDs	275
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/30m/60m
Daylicht sensor (lx)	10/30/50lx
Timing dim level	1m/30m/60m/all
Dim level (%)	20/50/75/100%
Master/slave function	no

Visit our website for all test reports LM-79 / LM-80 / TM-21 and elumdat files, subject to changes without notice.

DATASHEET

integratech
less energy more light.

Lumen distribution
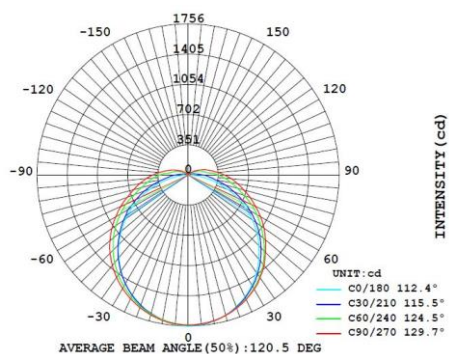
Distance curve:

Spectrum distribution

Lumendrop

www.integratech.be | +32 16 79 50 51

21/09/2022

Pagina 2 van 3

Visit our website for all test reports LM-79 / LM-80 / TM-21 and elumdat files, subject to changes without notice.

Dimensions

Installation height 2,5 ~ 3,6m (Installation height 2,5m)
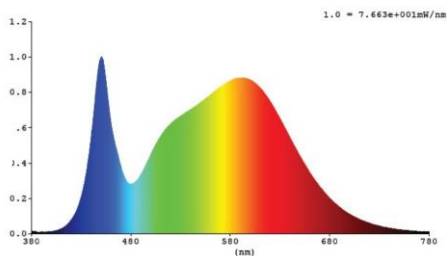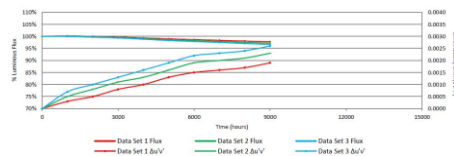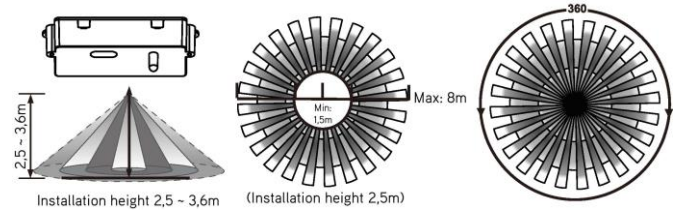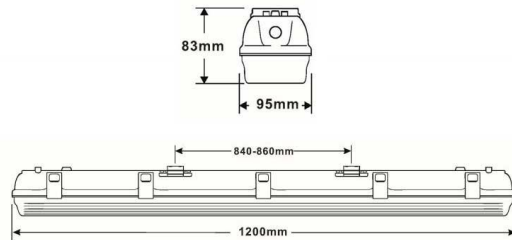
Connection diagram

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
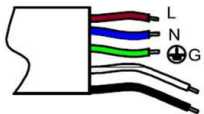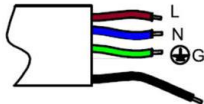DA1/DIM+: wit of grijs/blanc ou gris/white or grey
DA2/DIM-: zwart/noir/black

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

Glow wire test	850°C
THD	<15%

TM-21	Lifetime	Temp Tc
L90	54000	53

www.integratech.be | +32 16 79 50 51

21/09/2022   Pagina 3 van 3

Visit our website for all test reports LM-79 / LM-80 / TM-21 and elumdat files, subject to changes without notice.