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LUX POWERFLOOD V2
(Regular/Dimmable/Microwave sensor)

5 YEAR WARRANTY | IP66 | IK10

<22 UGR | 140 lm/w | 130 lm/w

FC | ETL Intertek | DLC

RoHS | CE | TÜV Rheinland CERTIFIED | CB | VDE

ErP | LM80 | TM21 | .ies/.ldt

FEATURES

>> Adjustable projecting direction
>> Instant on/ off; No UV/ flickering
>> 50% less power consumption than traditional light sources
>> VDE/UL listed 3*1.0mm² rubber cable with cold-pressed terminal
>> Use ultra-high brightness Philips Chips which could up to 140LM/W
>> Aluminium material whose capability of heat dissipation is superior
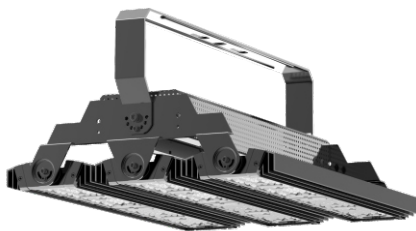>> .ies/.ldt files are available
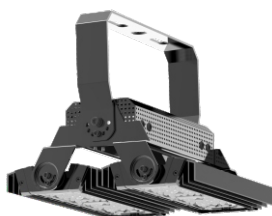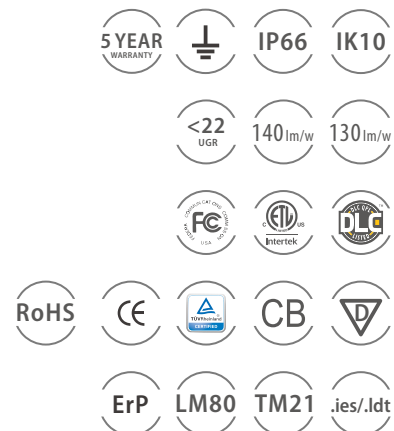
100W
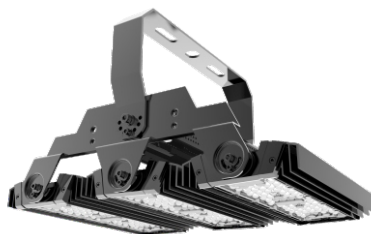
150W
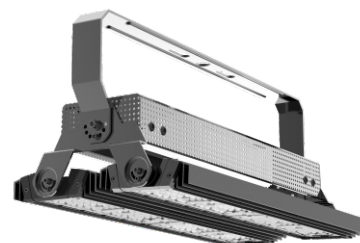
200W

300W

400W / 450W

600W

OUTLINE DRAWING(MM)

	100W	150W	200W	300W	400W	450W	600W
L (mm)	275	275	544	544	755	755	755
W (mm)	258	373	258	373	373	373	516

SIDE VIEW

110

BOTTOM VIEW

L

W
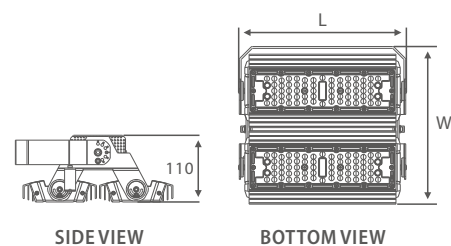
PRODUCT DETAILS

01   IP65 Microwave Motion Sensor

Part No. :   MC031V B
Detection zone :   8m
Hold Time :   5s - 30min
Mounting Height :   15m max
Automatic Dimming: 10% - 50%

1. Automatic dimming when used in combination with 1-10V dimmable VariFlood light
2. Built-in adjustable daylight sensor
3. Detection area, time delay and daylight threshold can be precisely set via DIP swtich.
4. Wide detection area, range up to 15m in diameter and mounting height 15m max. suitable for warehouse.
5. Optional mounting brackets for different application.
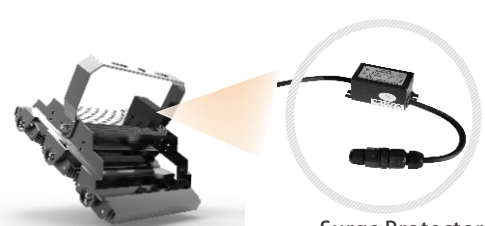
02   Surge Protector
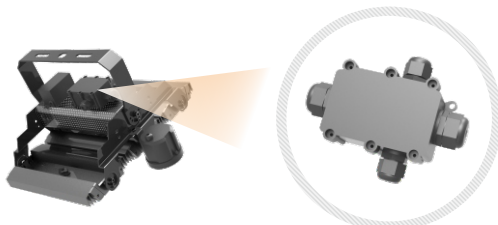(With PHILIPS driver)
(With MEANWELL driver)

Part No.:   SPD-ZGDD10-320(P4)
Surge handling capability: 10 KV
Working temperature :   -40ºC～+70ºC
IP :   67
Relative humidity :   5% - 95% (25℃)

1. Surge handing capability is up to 10KV, satisfied IEC standard;
2. SPD can effectively protect the lamp after the occurrence of a surge;
3. The artful appearance, easy to install;
4. IP67 dust prevention water proofing can be used in the outdoors.
5.SPD-ZGDD10-320(P4) is suitable for PHILIPS Driver
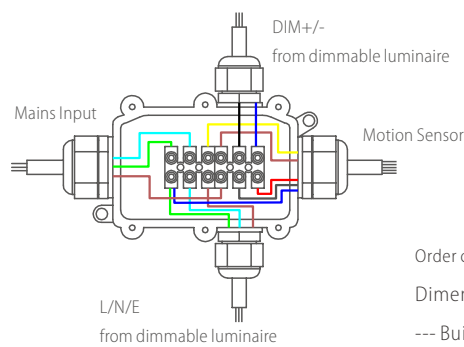
SYSTEM CONNECTION DIAGRAM

| L / N | (L)IN / (N)IN | SPD | (L)out / (N)out | (L)IN / (N)IN | DRIVER | (+)out / (-)out | (+)IN / (-)IN | LED VARIFLOOD LIGHT |

03   Junction box IP65

The wiring scheme is suitable for 1-10v dimmable with microwave motion sensor to achieve 3-step dimming function.

DIM+/-
from dimmable luminaire

Mains Input

Motion Sensor

L/N/E
from dimmable luminaire

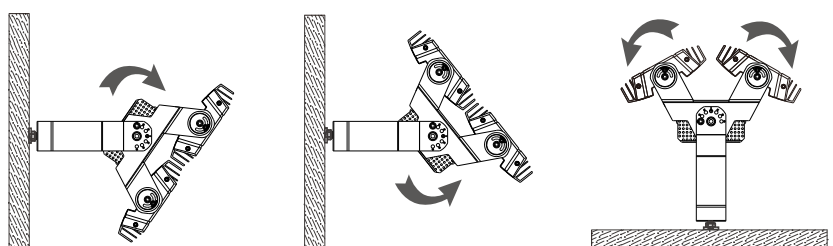Order code: 84-1100-0001
Dimension(mm):   130*55*37
--- Built-in VDE listed terminal block

INSTALLATION
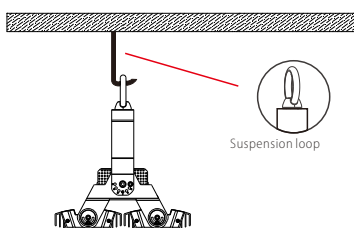
Suspended   wall mounted / ground mounted

Suspension loop

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PRODUCT PARAMETER

	Part No.		Power	Voltage	PF	Luminous Flux		
	Regular	Dimmable				@4000K	@5000K	@5700K
140 lm/w CRI>70	-VL100-XXN-HM	-VD100-XXN-HM	100W	220-240 VAC	> 0.95	14000 lm	14000 lm	14000 lm
	-VL150-XXN-HM	-VD150-XXN-HM	150W	220-240 VAC	> 0.95	21000 lm	21000 lm	21000 lm
	-VL200-XXN-HM	-VD200-XXN-HM	200W	220-240 VAC	> 0.95	28000 lm	28000 lm	28000 lm
	-VL300-XXN-HM	-VD300-XXN-HM	300W	220-240 VAC	> 0.95	42000 lm	42000 lm	42000 lm
	-VL400-XXN-HM	-VD400-XXN-HM	400W	220-240 VAC	> 0.95	56000 lm	56000 lm	56000 lm
	-VL450-XXN-HM	-VD450-XXN-HM	450W	220-240 VAC	> 0.95	63000 lm	63000 lm	63000 lm
	-VL600-XXN-HM	-VD600-XXN-HM	600W	220-240 VAC	> 0.95	84000 lm	84000 lm	84000 lm
130 lm/w CRI>80	-VL100-XXN-FM	-VD100-XXN-FM	100W	220-240 VAC	> 0.95	13000 lm	13000 lm	13000 lm
	-VL150-XXN-FM	-VD150-XXN-FM	150W	220-240 VAC	> 0.95	19500 lm	19500 lm	19500 lm
	-VL200-XXN-FM	-VD200-XXN-FM	200W	220-240 VAC	> 0.95	26000 lm	26000 lm	26000 lm
	-VL300-XXN-FM	-VD300-XXN-FM	300W	220-240 VAC	> 0.95	39000 lm	39000 lm	39000 lm
	-VL400-XXN-FM	-VD400-XXN-FM	400W	220-240 VAC	> 0.95	52000 lm	52000 lm	52000 lm
	-VL450-XXN-FM	-VD450-XXN-FM	450W	220-240 VAC	> 0.95	58500 lm	58500 lm	58500 lm
	-VL600-XXN-FM	-VD600-XXN-FM	600W	220-240 VAC	> 0.95	78000 lm	78000 lm	78000 lm

* XX : A02 / A03 / S01 / S02 / S03

SPECIFICATIONS

|		
Operating temperature range		-30℃ to +45℃
Driver Vender		Philips
LED Vender		Philips
Smart control options		Occupancy sensor / daylight sensor / 1-10V dimming
Material	Structure:	Extruded 6063AL
	Finish:	Powder coated
	Lens:	Polycarbonate
Color		Matte black
Mounting options		Suspended / wall mounted
CRI		>70 / >80
IP grade		IP66
IES/LDT file		Available

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OPTICS SYSTEM
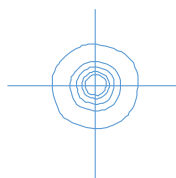
Narrow beam Symmetric S01

The narrow beam distribution is ideal for applications where a tighter beam is required. It delivers intense beam for long distance illuminations such as high mast soccer/hockey pitch, tall trees etc..
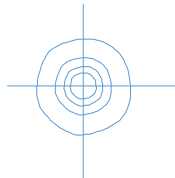
Medium beam symmetric S02

The medium beam delivers symmetric patterns especially for applications that require a wider uniform patterns with medium setback such as facades, signage, general landscapes etc. .
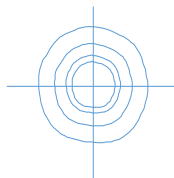
Wide beam symmetric S03

The wide beam provides a large and uniform light pattern for applications with shorter setbacks. For example, large facades, signage and broad landscapes. It is also an ideal for pole mounted applications for general area lighting.
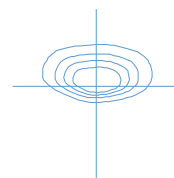
Vertical Medium asymmetric A02

The asymmetric vertical pattern provides a medium horizontal beam with a narrow vertical concentration. The combination allows a perfect match-up for applications requires shorter setback and maximum usage of light such as tennis court, wall mounted illuminations etc.
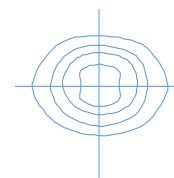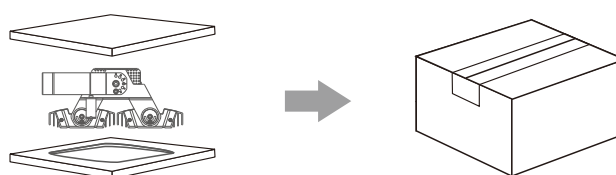
Horizontal Wide asymmetric A03

The asymmetric horizontal pattern delivers a wide horizontal beam with a medium vertical concentration. It's ideal for applications requiring a wide horizontal coverage and building mounted applications.
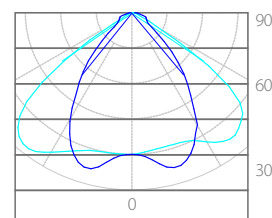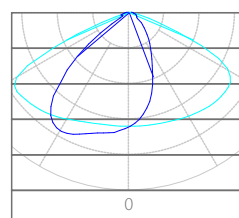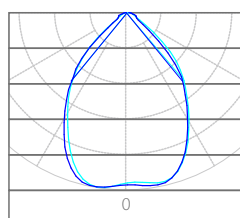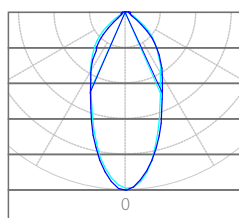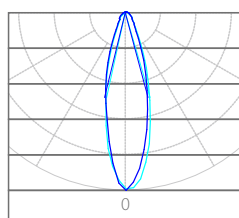
PACKAGE

Part No.	Packing	Dimension(mm)	Net weight	Outer carton size(mm)	Outer carton G.W.
100w	1pc per carton without inner box	258*275*110	3.6 kg	355*310*220	4.3 kg
150w	1pc per carton without inner box	373*275*110	4.8 kg	355*435*220	5.6 kg
200w	1pc per carton without inner box	258*544*110	6.5 kg	595*335*220	7.6 kg
300w	1pc per carton without inner box	373*544*110	9.3 kg	595*435*220	10.4 kg
400w	1pc per carton without inner box	373*755*110	12.4 kg	835*435*220	13.8 kg
450w	1pc per carton without inner box	373*755*110	12.4 kg	835*435*220	13.8 kg
600w	1pc per carton without inner box	516*755*110	21.3 kg	835*585*220	23.4 kg