Detroit GEN2

A LED

5 YEAR WARRANTY

EU

CE | RoHS | ⏚ | IP66 | IK08 | 100V 277V

Product data

General Information

EAN13 code	5702061520903 5702061520453
	5702061524598 5702061523003
Light source type	SMD3030(CREE)
Number of LED module	144/216/288/360PCS
Beam angle	90° // AWB24° x115°Tilt 45°
Color temperature	4000K
CRI	Ra80
SDCM	5 steps
LED module replaceable	Yes, only by professionals
Number of LED driver	1 unit
Driver included	Yes
Driver replaceable	Yes, only by professionals
L96 lifetime of LED modul	100000hrs@+10℃
Lumen output	140Lm±10%

Operating and Electrical

Input Voltage	100-277Vac
Input frequency	50 / 60 Hz
System wattage	75W/100W/150W DIP
	150W/200W/240W DIP
	300W
Power factor @ 230Vac	0.95
THD @ 230Vac	< 10%
Surge protection	CM 10KV(For ClassⅠ) /DM 6KV
Inrush current	75W 75A pk Max, th =350μs@220Vac
	100W 70A pk Max, th =350μs@220Vac
	150W 75A pk Max, th =350μs@220Vac
	200W 75A pk Max, th =300μs@220Vac
	240W 100A pk Max, th =300μs@220Vac
	300W 150A pk Max, th =300μs@220Vac

Ambient temperature range	-40℃ to + 50℃
Control and dimming	On/off
Connection type	H05RN-F，3*1.0mm 2
Protection class IEC	Safety class I
PstLM	< 1
SVM	< 0.4
Corrosion classification	C5
CE Mark	Yes
EU RoHS compliant	Yes
Net weight (piece)	4.63/6.37/6.37Kg

Dimension

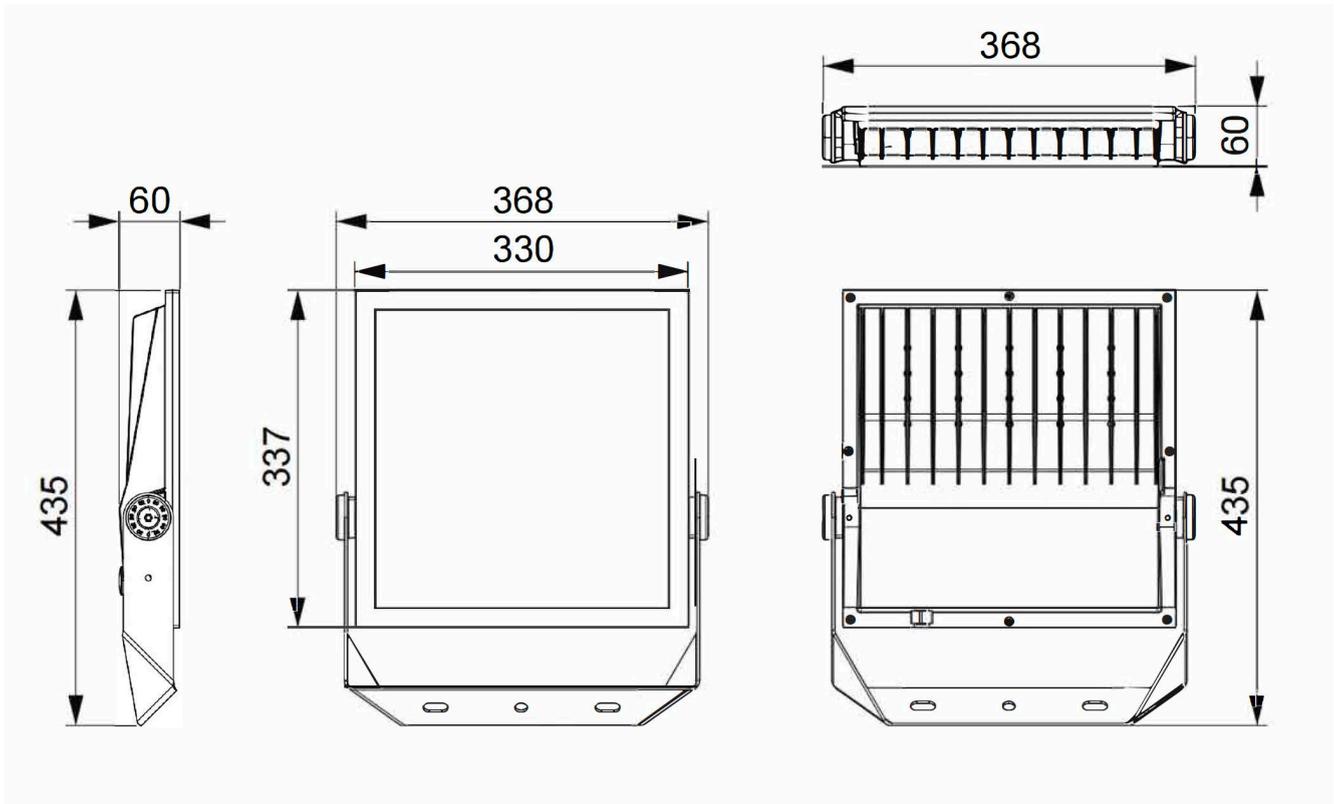|	
Overall length	435mm/542mm
Overall width	368mm/368mm
Overall height	60mm/60mm

Mechanical and Housing

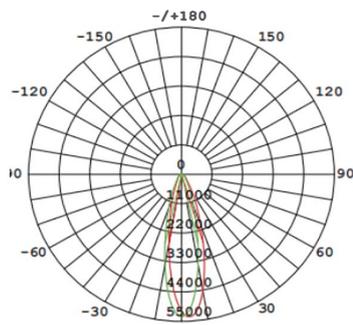|	
Housing material	Aluminium+PC
Optical material	PC
Ingress protection code	IP 66
Mech. impact protection code	IK08

Remarks

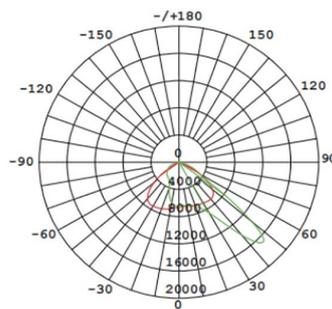|	
LED Driver failure rate at 50,000hrs	5 %
Power consumption tolerance	± 10 %

Dimension drawings

Unit:mm

368

60

60

368

330

337

435

435

Light distribution

-/+180

-150   150

-120   120

0   90

-60   60

11000
22000
33000
44000
55000

-30   30

30°

-/+180

-150   150

-120   120

-90   90

0
4000
8000
12000
16000
20000
0

-60   60

-30   30

AWB