IF2031B



IRIS 2002,S.A.
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Version 11.0

Features and Benefits



- Waterproof:

Adopt new patent of air filter device for preventing moisture condensation inside the luminaire.

- Mounting:

Vertical & horizontal angle adjustment.

- Quality components:

1.Integrated heating solution to guarantee the LED luminous efficiency and life span.
2.Imported silicon rubber material is adopted for waterproof gask
3.Universal voltage converter: AC100-240V+10%

Technical Parameter

Product type	IF2031B
LED	LUMILEDS
Single LED Wattage	3W
LED life span and warranty	50,000 hours, 2 years warranty
LED Quantity	42 pcs
LED color (single color)	Red Amber Green Blue White Warm White
LED color (color changing)	Red、Green、Blue
Beam angle	See lens options
Housing	Die-cast aluminium, powder paint with high corrosion resistance
Glass material	8mm thickness tempered glass, Aluminum gray finish
Power input	AC100-240V±10%; 50/60Hz
LED driver	700mA constant driver
Power consumption	146 W(Single color)；154W(color changing) full brightness
Anti-static	IEC61000-4 (Level 4)
Ingress protection	IP66
Classification	I
Power supply cable	3x1.00mm^2 rubber cable
Signal cable	Double screen for 4 pairs signal cable STP-5E
Control	DMX512 Compatible (1990)
Ambient operating Temperature	-20ºC to +55ºC (Ta +10ºC)
Net weight	12.5 Kg

Code & Reference

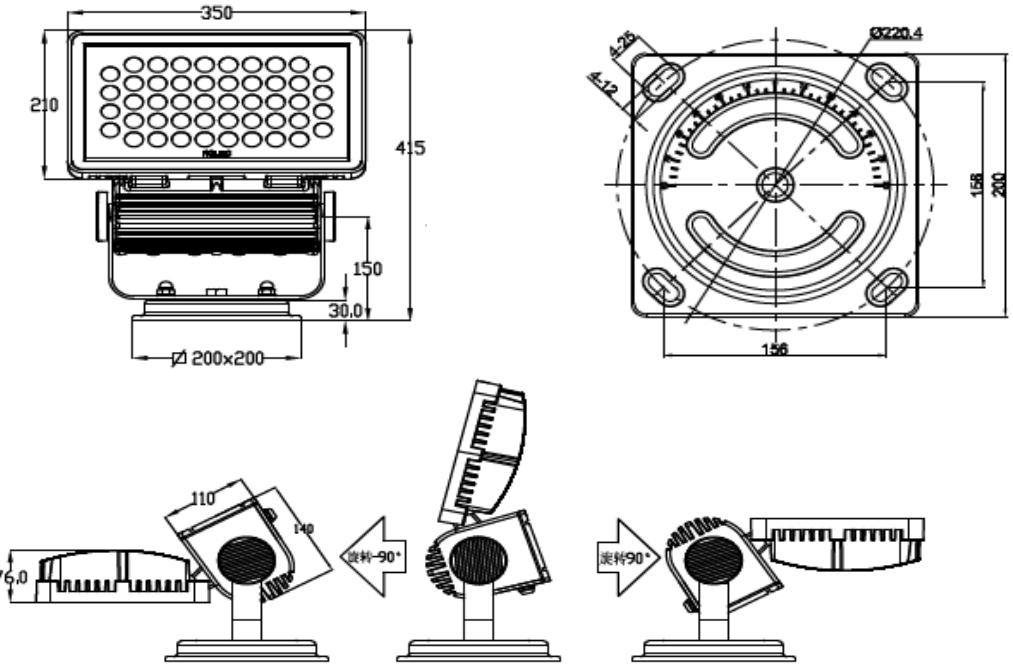
20111623	**IF2031B-42X3W-25deg-RE-RGB(AC100-240V)**
20111624	**IF2031B-42X3W-25deg-RE-R(AC100-240V)**
20111625	**IF2031B-42X3W-25deg-RE-G(AC100-240V)**
20111626	**IF2031B-42X3W-25deg-RE-B(AC100-240V)**
20111627	**IF2031B-42X3W-25deg-RE-A(AC100-240V)**
20111628	**IF2031B-42X3W-25deg-RE-WH(AC100-240V)**
20111629	**IF2031B-42X3W-25deg-RE-WA(AC100-240V)**
20111630	**IF2031B-42X3W-25deg-RE-WN(AC100-240V)**

Available beam angles:

Single color: 15°，25°，40°，60°

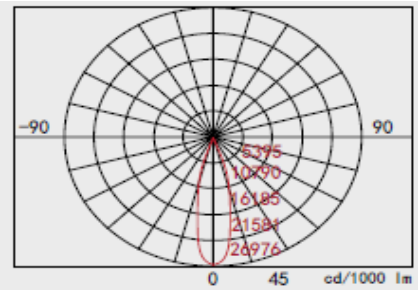
RGB： 15°，25°，40°，60°， 4525

Dimensions (mm)



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Distribution Curve



H[m]	Diameter[m]	Illuminance[lx]
1. 60	0. 18	52225
3. 20	0. 35	13056
4. 80	0. 53	5802
6. 40	0. 70	3264
8. 00	0. 88	2089

Color	Total output	Power (W)
White	4956 lm	146

System Control (single color)



Remarks: (1) Maximum serial connective number of lights is 4PCS, new power cable is needed for over 4PCS;
(2) Maximum serial connective number of lights is 2PCS for input voltage DC36V

System Control (color changing)



Remarks: (1) Maximun serial connective number of lights is 4PCS, new power cable is needed for over 4 PCS;
(2) Maximun serial connective number of lights is 2PCS for input voltage DC36V
(3) Lenght of signal cable is more than 300m or number of lights is more than 32PCS, new booster is needed.

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