

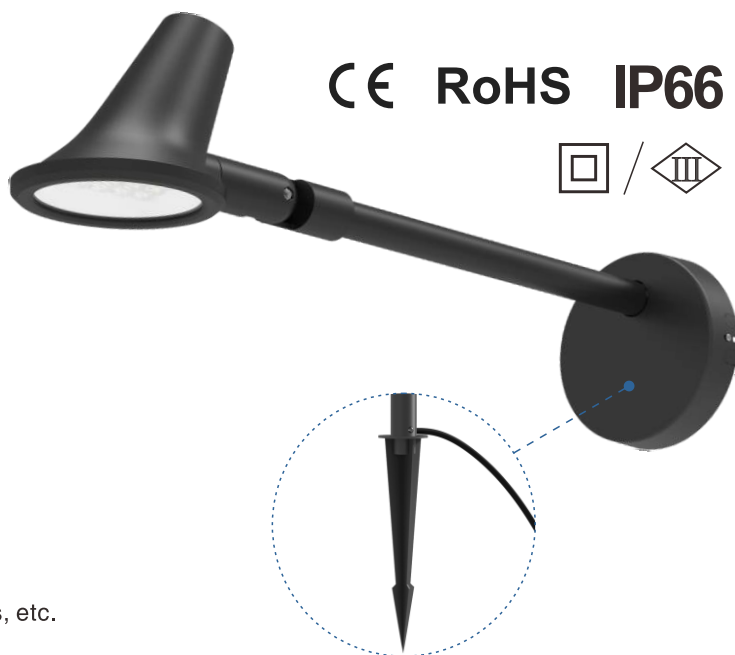
SPECIFICATION

Product: F20 Floodlight

Part No.: F20A16S / F20B16S / F20C16S / F20C16S-DC
F20A16H / F20B16H / F20C16H / F20C16H-DC

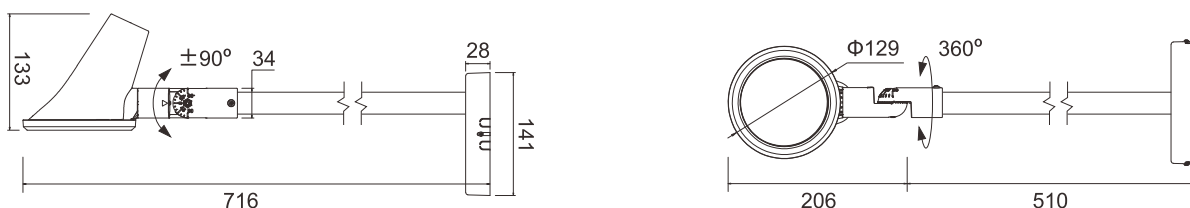
1. Main Features

- An integrated solution for floodlight and Arm (Spike).
- Beam angle: 130x50°(asymmetric)/ 120°(symmetric).
- System efficiency up to 130~150lm/W.
- Class II , reinforced insulation design, /Class III, safety voltage design.
- ADC12 die-casting Al body, stainless steel screws, good corrosion resistance.
- Easy installation and maintenance.
- 5 years warranty / 3 years warranty(DC).
- Suitable for general lighting and decoration lighting, such as Garden/Building decoration, Billboard, Warehouse, Gymnasiums, Gas stations, Toll stations, etc.

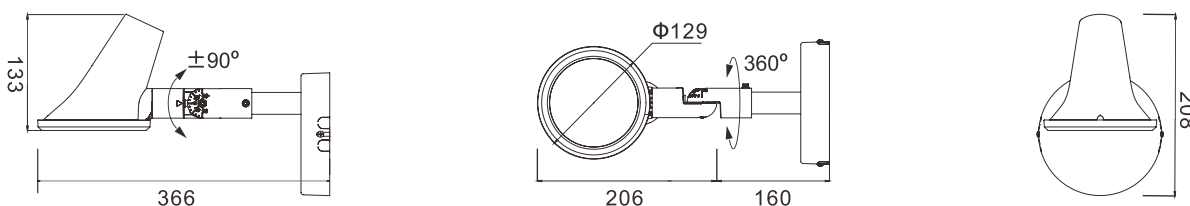


2. Dimension (Unit: mm)

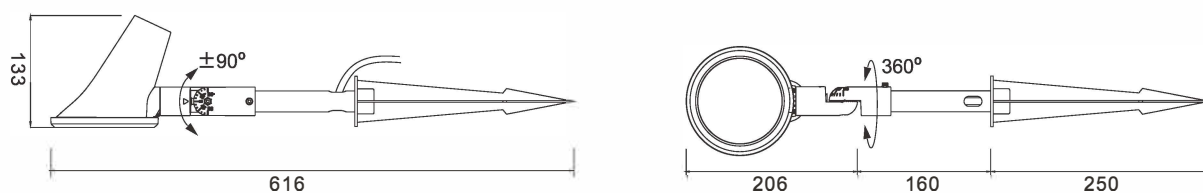
F20A Series



F20B Series



F20C Series



3. Technical Data

Model No.	F20A16S, F20B16S, F20C16S	F20A16H, F20B16H, F20C16H
Light Source	32x Luxeon 3030	40x Luxeon 3030
Input Voltage (V)	100-240VAC 50/60Hz	100-240VAC 50/60Hz
LED Power (W)	13-14.4	13-14.4
System Power (W)	15.2-16.8	15.2-16.8
Power Factor	0.9	0.9
Luminous flux (lm)	1,860-2,000	2,170-2,250
System Efficiency (lm/W)	120-130	140-150
Color Temperature (K)	3000/4000/5700	3000/4000/5700
CRI	>70	>70
Beam Angle	130°x 50°(Asymmetric)	120°
Optical cover	PC Lens + Foggy glass	Clear glass
THD (230VAC)	<20%	<20%
Classification	Class II	Class II
Working Temperature(°C)	-20 to +50	-20 to +50
Working Humidity(RH%)	10-90	10-90
Safety Standards	EN 60598-2-5:2015; EN 60598-1:2015+A1:2018; EN 62493:2015 AS/NZS 60598.2.5: 2018 with AS/NZS 60598.1: 2017	
EMC Standards	EN IEC 55015:2019; EN 61547:2009; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019	
Photobiological Safety	EN 62471 : 2008	

3. Technical Data

Model No.	F20C16S-DC	F20C16H-DC
Light Source	30x Luxeon 3030	42x Luxeon 3030
Input Voltage (V)	12/24V DC	12/24V DC
LED Power (W)	13-14.4	13-14.4
System Power (W)	15.2-16.8	15.2-16.8
Luminous flux (lm)	1,860-2,000	2,170-2,250
System Efficiency (lm/W)	120-130	140-150
Color Temperature (K)	3000/4000/5700	3000/4000/5700
CRI	>70	>70
Beam Angle	130°x 50°(Asymmetric)	120°
Optical cover	PC Lens + Foggy glass	Clear glass
Classification	Class III	Class III
Working Temperature(°C)	-20 to +50	-20 to +50
Working Humidity(RH%)	10-90	10-90
EMC Standards	EN IEC 55015:2019; EN 61547:2009; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019	
Photobiological Safety	EN 62471 : 2008	

Package

Model	Inner Box(mm)	Outer Box(cm)	Net weight(Kg)
F20A series	762*182*185	78*39*40.5(4pcs/CTN)	1.6
F20B series	452*182*185	47*39*40.5(4pcs/CTN)	1.3
F20C series	452*182*185	47*39*40.5(4pcs/CTN)	1.0

4. Luminous Intensity Distribution Diagram

For the IES file, please contact us by E-mail.

