CELS LIGHTING

CELS LITE-CFL-015

DESCRIPTION

CELS LITE CFL-015 LED flood light is a classic design with power rating ranging from 50W to 300W, perfect for linear light distribution. Multiple lighting distribution options for various project applications.

APPLICATIONS

Security Lighting, Architectural Lighting, Perimeter Lighting, Entryway and Pathway, Recreational Sports etc.

Rated Life Hours upto 50,000hrs

Warranty 5 Years

FEATURES

- Meanwell/Inventronics/ Sosan driver.
- Multiple optics to suit all sports and floodlighting applications.
- The vent avoids internal fogging and frosting.
- Bent bracket for easy and quick installation.
- Optional Symmetric and asymmetric beam angles.

NEW FEATURES

ELECTRICAL INFORMATION

MODEL NO	CFL-015-50	CFL-015-100	CFL-015-150	CFL-015-200	CFL-015-300
Power Consumption (±5%)	50W±5	100W±5	150W±8	200W±10	300W±9
Power Supply	SOSEN				
Input Voltage	100-277Vac/ 277-480Vac 50-60Hz				
Power Factor	>0.92				
Surge Protection	6kV line-line, 10kV line-earth.				
Driver Type	Constant Current(CC)				
Intelligent Control	1-10V dimmable, 0-10V dimmable, Photocell				
Certification					

OPTIC INFORMATION

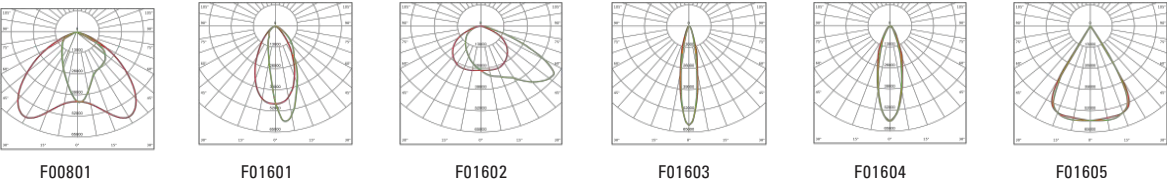| LED type	SMD 3030 (Lumileds LED)				
Luminous Flux (±10%)	7000LM	14000LM	21000LM	28000LM	42000LM
Efficacy (4000K RA70)	140 LM/W				
Color Temperature	5000K (4000K optional)				
Color Rendering Index	Ra70				
Beam Angle	F00801, F01601, F01602, F01603, F01604, F01605, glass				
UGR level	NA				

DIMENSIONS AND MOUNT

Product Dimension mm(inch)	314×240×63mm (12.36''x9.45''x2.5'')	418×330×77mm (16.46''x13''x3.03'')	451×330×77mm (17.76''x13''x3.03'')	494×395×87mm (19.45''x15.55''x3.43'')	567×465×97mm (22.32''x18.31''x3.82'')
Luminaire Net Weight	2.6±0.3kg (5.73±0.66Lbs)	3.9±0.3kg (8.6±0.66Lbs)	4.5±0.3kg (9.92±0.66Lbs)	6.3±0.3kg 13.89±0.66Lbs)	9.5±0.3kg (20.94±0.66Lbs)
Export Carton Size mm(inch)	364×105×280mm (14.33''x4.13''x11.02'')	474×120×368mm (18.66''x4.72''x14.49'')	516×130×368mm (20.31''x5.12''x14.49'')	568×140×430mm (22.36''x5.51''x16.93'')	652×160×510mm (25.67''x6.3''x20.08'')
Gross Weight (±0.3kg/0.66Lbs)	2.9±0.3kg (6.39±0.66Lbs)	4.5±0.3kg (9.92±0.66Lbs)	5.2±0.3kg (11.46±0.66Lbs)	7.2±0.3kg (15.87±0.66Lbs)	10.6±0.3kg (23.37±0.66Lbs)
Mounting Option	Bracket Mounting / Pole Mounting				
Material	Aluminum Alloy				
	Tempered Glass and Polycarbonate Optical Lens				
Finish	Powder coating				
Fixture Color	Black				
EPA	0.72ft²	1.29ft²	1.46ft²	1.93ft²	2.61ft²
IK Rating	IK08				
IP Rating	IP66				
Category of corrosion	C3				

LIFESPAN AND WARRANTY

Operating Temperature	-30°C to + 50°C(-22°F to 122°F)
Life Time of LED @Ta=25°C	40000hrs-L90
	83000hrs-L80
	132000hrs-L70
Warranty	5 Years

PHOTOMETRY

F00801   F01601   F01602   F01603   F01604   F01605

MOUNTING OPTIONS

Bracket mounting   Pole mounting   Outrigger mounting   Clamp bracket mounting

DIMENSIONS

50W   100W   150W

200W   300W
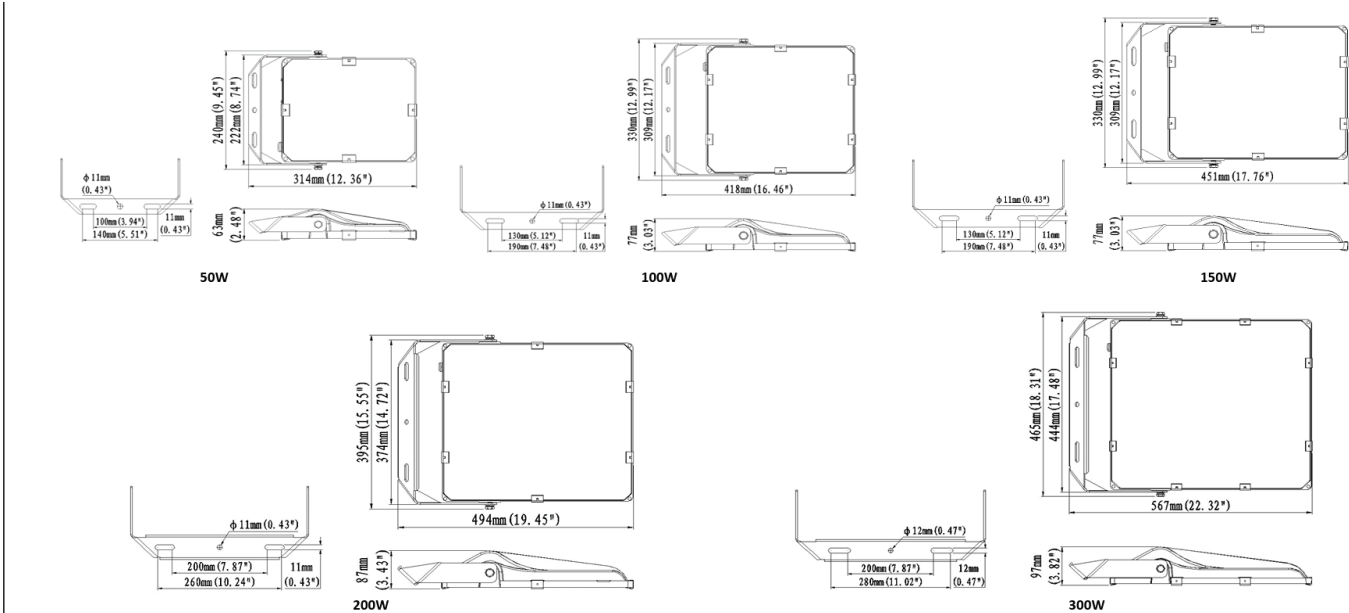
ACCESSORIES

Pole mounting adaptor
Q235 steel, cold galvanized, e-coating with powder coating.

Code: BC-F08-02(dia.42mm)
Code: BC-F08-03(dia.76mm)

Pole mounting adaptor
Aluminium materials with powder coating, dia.60mm.

Code: BC-F15-06

Clamp mount bracket
SPCC materials, for dia. 40mm-100mm pole.

Code: BC-F15-07a

Clamp mount bracket
SPCC materials, for dia. 40mm -150mm pole.

Code: BC-F15-07b

Outrigger mounting bracket
SPCC materials, for 50W only.

Code: BC-F08-05