

# BEACON LED FLOOD LIGHT

## FEATURES

- >> Adjustable projecting angle, easy to dismantle and maintain.
- >> The high performance on thermal management of flood light is attributable to the omnidirectional nature of tree-like fins. Thanks to that, air streams are able to enter and exit from all directions.
- >> Each single cooling fin is processed with a fillet that could eliminates any sharp or burr edges causing injury when handled during installation
- >> More widely usage fields.
- >> VDE/UL listed 3\*1.0mm<sup>2</sup> rubber cable with cold-pressed terminal.
- >> .ies/.ldt files are available.
- >> Symmetric & Assymmetric beam angle for option
- >> Changeable lens available to reduce inventory cost



## PRODUCT PARAMETER

Model Number	Power Consumption	Luminous Flux ±10%@5000K	Beam Angle	Light efficiency±10%	Correlated color temperature	RA	IK	IP
FK-FD80-XXN-HB	80W	11200lm	110deg S05 (60deg) S12 (30deg) A08 (90x150deg, polarized 45deg) A14 (35X180deg polarized 45deg)	140lm/W@110deg 130lm/W @ with lens	4000K 5000K 6500K	RA>70	IK07	IP66
FK-FD100-XXN-HB	100W	14000lm						
FK-FD120-XXN-HB	120W	16800lm						
FK-FD150-XXN-HB	150W	21000lm						
FK-FD200-XXN-HB	200W	28000lm						
FK-FD240-XXN-HB	230W	32200lm						
FK-FD80-XXN-FB	80w	10400lm	110deg S05 (60deg) S12 (30deg) A08 (90x150deg, polarized 45deg) A14 (35X180deg polarized 45deg)	130lm/W@110deg & A14 120lm/W @ with other lens	4000K 5000K 6500K	RA>70	IK07	IP66
FK-FD100-XXN-FB	100w	13000lm						
FK-FD120-XXN-FB	120w	15600lm						
FK-FD150-XXN-FB	150w	19500lm						
FK-FD200-XXN-FB	200w	26000lm						
FK-FD240-XXN-FB	240w	31200lm						

## ErP REQUIREMENT

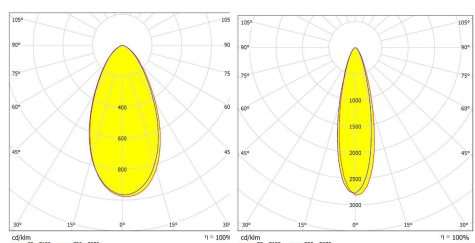


Instant full light Dimmable	SDCM	Starting Time	Switching cycles	Life Time	L70/B10	Lumen maintenance at
	<5	<0.5s	15,000h	50,000h	>50,000hrs	>96%

## SPECIFICATIONS

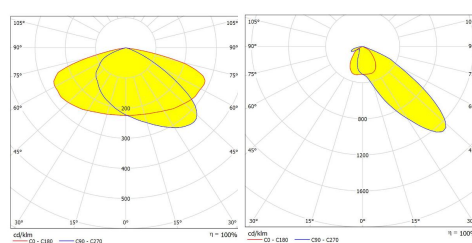
LED Type	Philips, Epistar & Osram (A14 optic only)	
Power Supply	Philips driver & Sosen driver	
Type of Driver	Isolation driver	
Driver Efficiency	0.9	
Power Factor	≥0.95	
THD	Philips driver ≤10%	Sosen driver ≤20%
Frequency	50/60Hz	
Input Voltage	Philips driver:220-24-Vac	Sosen driver: 100-277Vac
Input surge protection	L/N 4KV L/N-PE 6KV	
Color Rendering Index	Ra>70, RA>80 for option	
Material	Structure	Die casting
	Bracket	SPCC
	Finish	Powder coated
	Lens	Tempered glass/PC lens
Fixture Color	Matte Black	
Protection Class	Class I	
Alignment	0° ~ 270°	
Working Temp	-20°C to + 45°C	
Warranty	5 years warranty	
Mounting Option	Ground /Wall Mounted	
Dimmable	Dimming & dali	
Intelligent Control	Daylight sensor & Microwave sensor	

## LIGHT DISTRIBUTION CURVE



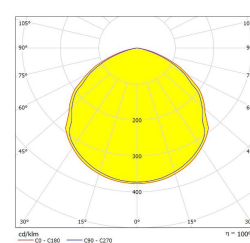
S05: Symmetric 60deg

S12: Symmetric 30deg



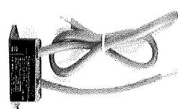
A08: Type III-M

A14:TypeII-S



110deg

## ACCESSORIES



Surge Protector  
 --10KV  
 --100-277V  
 -- with 650mm cable  
 -- IP67 with CE certificate



Microwave sensor  
 Detection area: 5-8M  
 (@mounting height 6M)  
 Mounting height : 6-15M  
 Detection angle: 150° (Wall/ Installation)  
 360° (Ceiling Installation)  
 Protection Grade: IP67

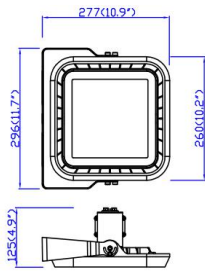


Waterproof  
connector

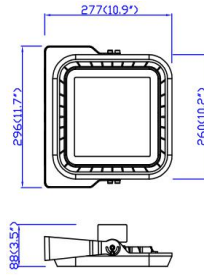


IP66 Junction box

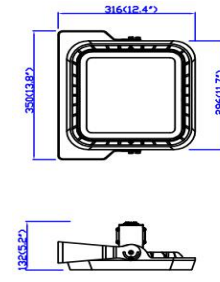
## OUTLINE DRAWING



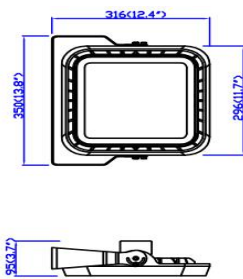
80w-100w\_Philips



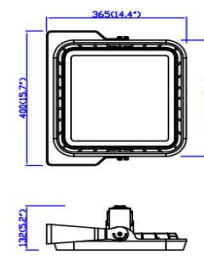
80w-100w\_Sosen



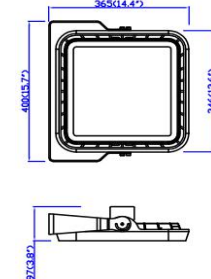
120w-150w\_Philips



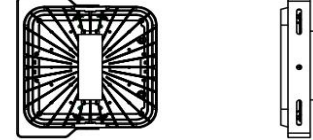
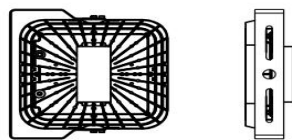
120w-150w\_Sosen



200w-240w\_Philips driver



200w-240w\_Sosen driver

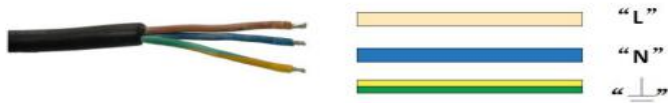


## PACKAGE

Item	Luminaire Net Weight	Packing info	Dimension (inner box)	Dimension (outer carton)	GW (outer carton)	20ft GP	40ft GP	40 HQ
80w	3.04kg	4pcs/carton	360*330*185	690*375*405	15.5kg	684pcs	1404pcs	1632pcs
100w	3.04kg	4pcs/carton	360*330*185	690*375*405	15.5kg	684pcs	1404pcs	1632pcs
120w	4.01kg	4pcs/carton	410*370*195	770*425*425	20kg	840pcs	1680pcs	1680pcs
150w	4.01kg	4pcs/carton	410*370*195	770*425*425	20kg	840pcs	1680pcs	1680pcs
200w	6.02kg	2pcs/carton	455*420*195	470*435*420	12.4kg	204pcs	414pcs	552pcs
240w	6.02kg	2pcs/carton	455*420*195	470*435*420	12.4kg	204pcs	414pcs	552pcs

## ATTENTION

- 1) Be sure disconnect power before installing, don't construction with electricity
- 2) Product working voltage is AC 220-240V, 50/60Hz, pls do not exceed the working voltage range
- 3) Input product cable, brown is L, blue is N, yellow-green is GND
- 4) Be sure wiring is closed and prevent leakage, when installing.



Remark: The specification is subject to change without notice, please kindly contact us prior to ordering