

EP-FLF FLOOD/AREA LIGHT - 2ND GEN

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Versatile LED Flood Line with a 105 lumen per watt plus output is one of the most cost effective flood/area light on the market today. Comes standard with 1m whip. 220w-300w comes standard 0-10v dimmable.

FEATURES

- 0-10v dimming is standard on 220w & 300w models
- Compact, slim modern design
- Versatile – flood or area light
- Knuckle, fixed or yolk mount
- Easy install and maintenance
- 15w-50w landscaping knuckle machined from solid aluminum, designed for Canada's harshest environments
- Very low rate of failure
- Competitively priced
- Complete with a 10KA surge protector (100-277v only) and 347v has built in - Input Surge Protection: 4kV line-line, 6kV line-earth

OPTIONS

- Photocell (100w-300w, 100-277v only)
- Colour (12-14 week delivery, min. qty's apply. Inquire at info@ecopowerinc.com. 1 year warranty on custom colours for finish only)
- Knuckle/slipfitter, knuckle npt, yoke or fixed arm
- Visor option

TECHNICAL SPECIFICATIONS

Housing	Aluminum and PC Lens
Finish	Sandtex Black
Mounting	Yoke standard for 15w-50w, Trunnion mount standard for 80w-300w or yoke, knuckle/slipfitter, knuckle npt or fixed arm options
Applications	Parking lots, walkways, corridors, security, rooftop, residential, commercial, industrial outdoor spaces

ELECTRICAL SPECIFICATIONS

Lighting Source	Philips 3030 LED
Available Wattages	15w, 30w, 50w, 100w, 150w, 220w, 300w
Power Factor	>0.9
Ambient temperature	-40° to 55°C
Available Voltages	100-277vAC (standard), 347v option (avail. for 80w - 300w only)

OPTICAL & PERFORMANCE SPECIFICATIONS

IP Rating	IP65
Lumen Output	15w: 1800L 30w: 3600L 50w: 6000L 100w: 12000L 150w: 18000L 220w: 26400L 300w: 36000L
CRI	>80 @ 4000K
EPA	45° 100w: 0.63 // 150w: 0.79 // 220w/300w: 1.08 Horizontal 100w/150w: 0.36 // 220w/300w: 0.576 Vertical 100w: 1.26 // 150w: 1.58 // 220w/300w: 2.16
Beam Angles	120 x 90° (standard)
Efficacy	120 L/W ±5%
L70	> 50,000 hours
LM79	105 L/W ±5%
Certifications	Approved to CSA and UL standards, CE, RoHS, DLC 4.3 (see full list of models on next page)



CONTROLS

AVAILABLE IN
220W & 300W

**10 YEAR
WARRANTY**

info@ecopowerinc.com | led.ecopowerinc.com | 1.800.564.8086



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Warranty is only valid based on fixtures operating for 12 hours or less per day.

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DLC LISTED PRODUCTS

Models			Classification	Version
EP-FLF15WCWYYZZ	EP-FLF50WCWYYZZ	EP-FLF150WCWYYZZ	Standard	4.3
EP-FLF15WDLYYZZ	EP-FLF50WDLYYZZ	EP-FLF150WDLYYZZ		
EP-FLF15WNWYYZZ	EP-FLF50WNWYYZZ	EP-FLF150WNWYYZZ		
EP-FLF15WWWYYZZ	EP-FLF50WWWYYZZ	EP-FLF150WWWYYZZ		
EP-FLF30WCWYYZZ	EP-FLF100WCWYYZZ	EP-FLF220WCWYYZZ		
EP-FLF30WDLYYZZ	EP-FLF100WDLYYZZ	EP-FLF220WNWYYZZ		
EP-FLF30WNWYYZZ	EP-FLF100WNWYYZZ	EP-FLF220WWWYYZZ		
EP-FLF30WWWYYZZ	EP-FLF100WWWYYZZ	EP-FLF300WCWYYZZ		
EP-FLF300WDLYYZZ	EP-FLF300WNWYYZZ	EP-FLF300WWWYYZZ		



AVAILABLE MODELS

Contact us for up-to-date quantities of stock available at quotes@ecopowerinc.com.

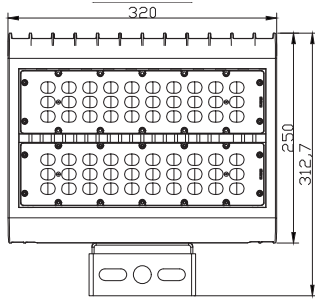


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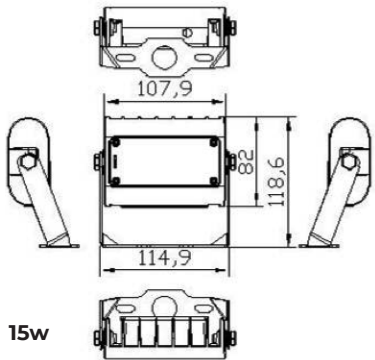
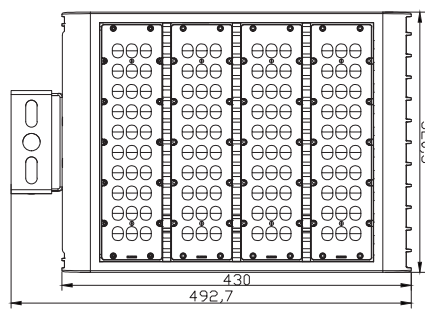
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DIMENSIONS

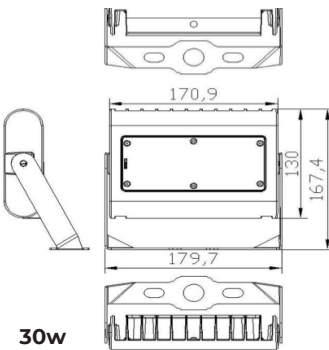
100w, 150w - Trunnion Mount (std)



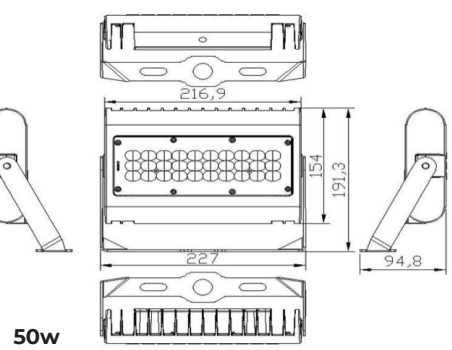
220w & 300w - Trunnion Mount - standard



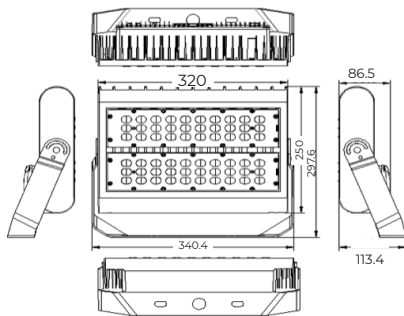
15w



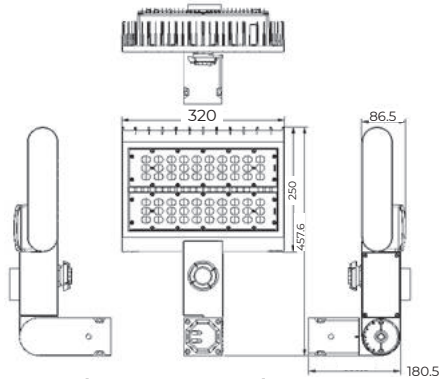
30w



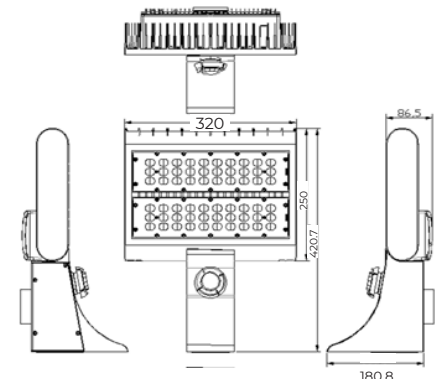
50w



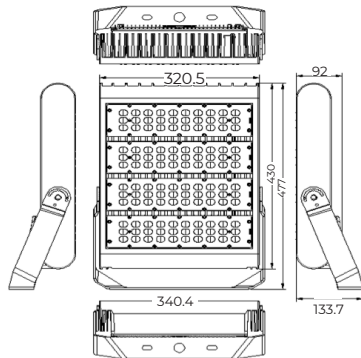
100w/150w - Yoke



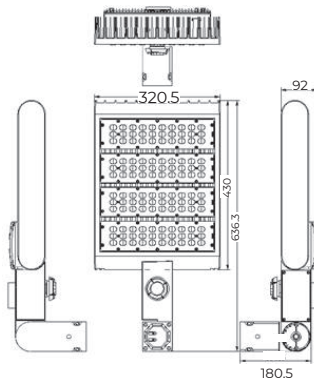
100w/150w - Knuckle/splitfitter



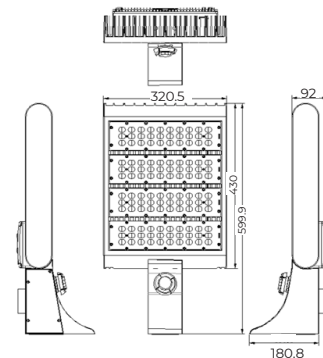
100w/150w - Fixed arm



220w/300w - Yoke



220w/300w - Knuckle/splitfitter



220w/300w - Fixed Arm

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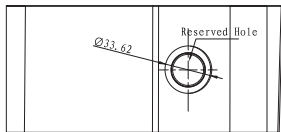


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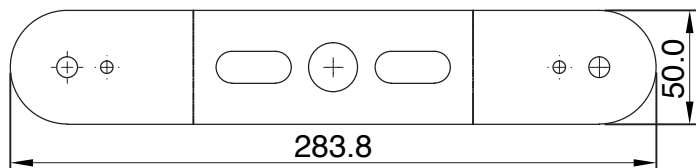
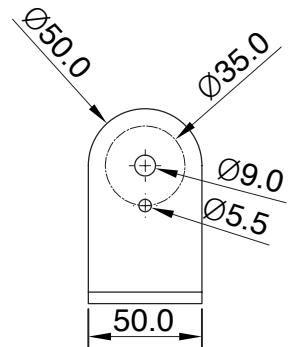
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FIXED ARM



Technical drawing of a square plate. The dimensions are: width 124, height 85.5, and thickness 4.

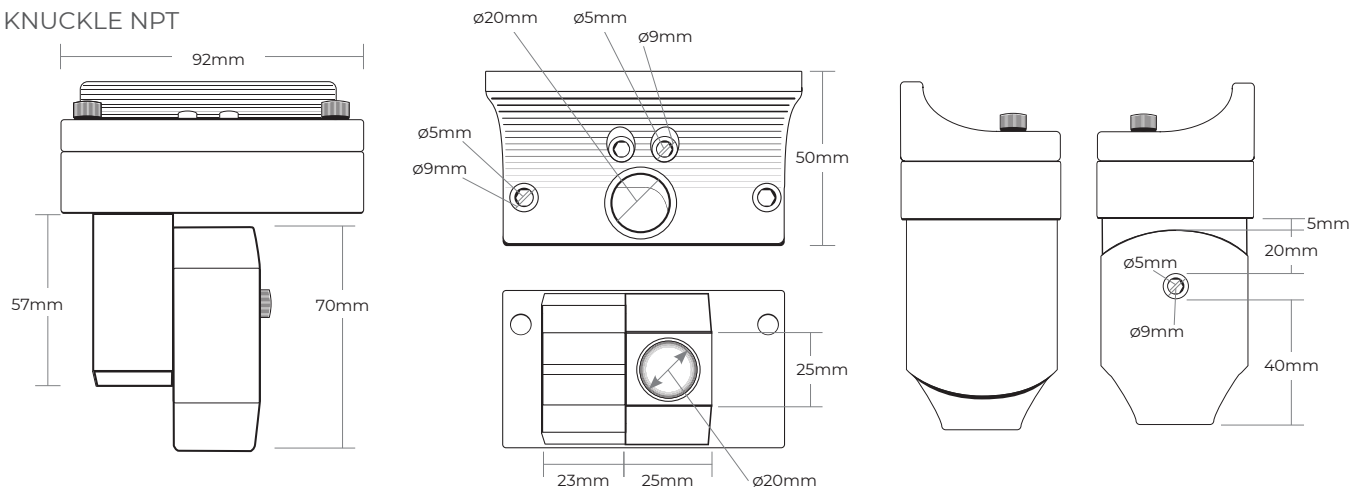


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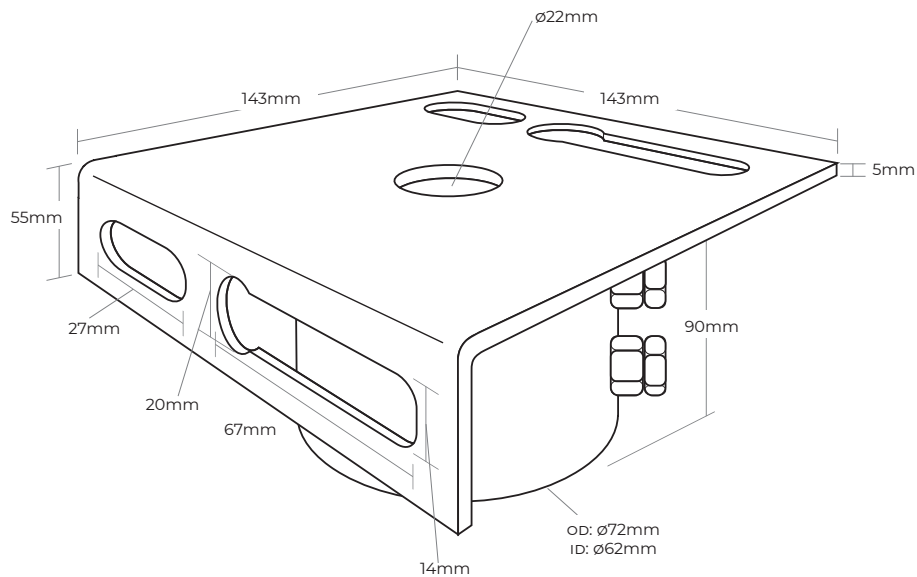


DIMENSIONS

KNUCKLE NPT



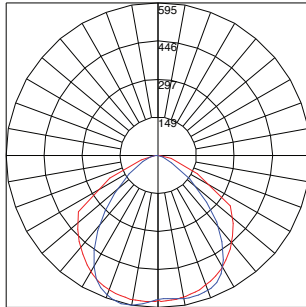
TMB



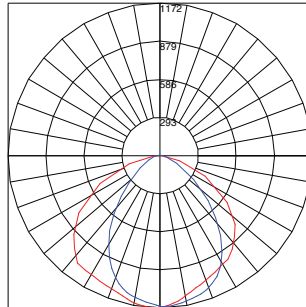
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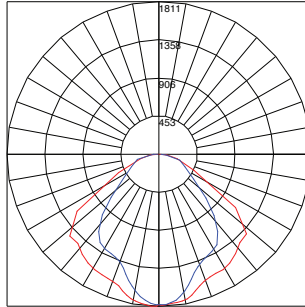
PHOTOMETRICS



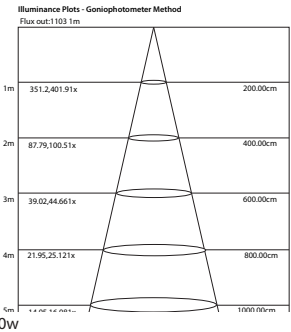
15w



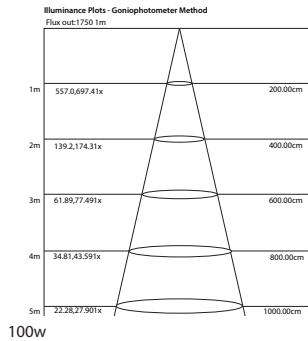
30w



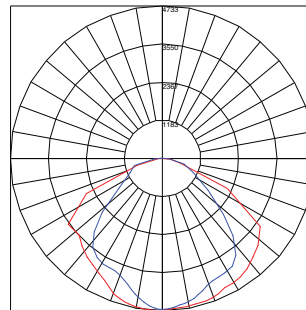
50w



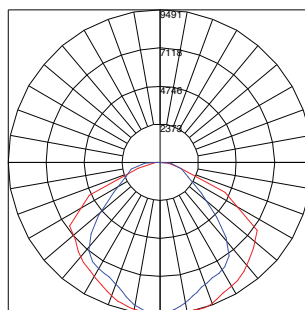
80w



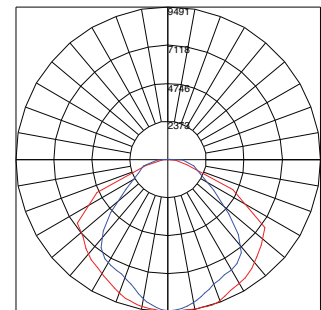
100w



150w



220w



300w

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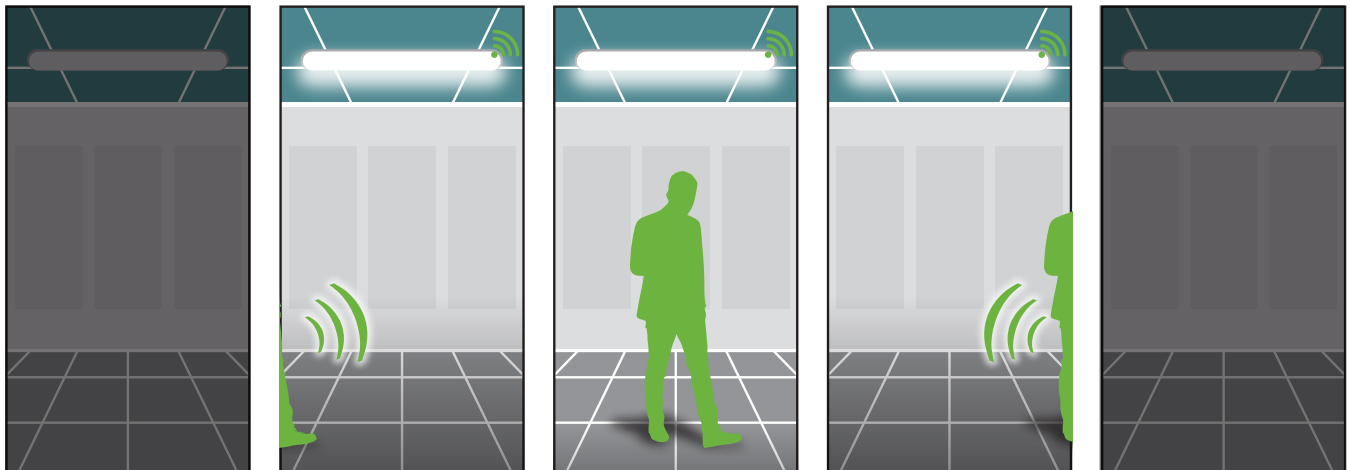
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 **CONTROLS INTEGRATION** Available in 220w and 300w

CONTROLS

Light when you need it. Savings when you don't.

Advanced sensors work in combination with dimming to provide full illumination only when needed, returning to a reduced level when the area is unoccupied - saving overhead on energy costs.  CONTROLS systems use artificial intelligence to predict peak times on the grid and provides advanced notice about potentially expensive time, allowing you to take action to further minimize your costs by reducing your power draw.



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