

FLEXI

FLOOD LIGHT

Catalog#	
Project:	
Fixture Type:	Date:
Note:	

Hit the Tab key or mouse over the page to see all interactive elements.

Our Flexi Flood Light Series delivers powerful, uniform illumination designed for a wide range of outdoor and industrial applications. Built with high-efficiency and a durable die-cast aluminum housing, each model offers selectable wattage and CCT options for maximum flexibility.

FEATURES & BENEFITS

- 300W model delivers up to 45,000 lumens with high efficacy
- Fully selectable features for any environment
- Equipped with 0-10V dimming for smooth control
- Rated for 50,000 hours, offering a 5-year warranty
- Suitable for -40°C to +50°C temperatures
- Built In Photocell with ON/OFF Switch



Flexi Small: 80W



Flexi Medium: 150W



Flexi Large: 300W



BEAM SELECTABLE
7H6V/6H6V/5H5V

Model Number	Wattage	Lumens	Efficacy
HL-FL-MW-MCCT-ML3-80W	45W/60W/80W	12,000lm	150 lm/W
HL-FL-MW-MCCT-ML3-150W	100W/120W/150W	22,500lm	150 lm/W
HL-FL-MW-MCCT-ML3-300W	200W/240W/300W	45,000lm	150 lm/W
HL-FL-MW-MCCT-ML3-150W-HV**	100W/120W/150W	22,500lm	150 lm/W
HL-FL-MW-MCCT-ML3-300W-HV	200W/240W/300W	45,000lm	150 lm/W

All models feature selectable CCT options: 3000K/4000K/5000K

** Marked is Make to Order

PRODUCT SUMMARY

Efficacy 150 lm/W	Beam Angle (Selectable) 7H6V/6H6V/5H5V	THD ≤20%	Operating Temp. -40°C to +50°C	Mounting Knuckle / C Bracket / Slipfitter
CCT (Selectable) 3000/4000/5000K	Input Voltage 120-277 Vac 277-480 Vac	Surge Protection L-N:6kV,L&N-E:6kV	Warranty 5 Years	Housing Material Aluminum
CRI >80	Power Factor (PF) ≥0.9	Dimming 0-10V standard	Finish Bronze	Lens Type Glass

APPLICATIONS

- General Lighting, Building Up Lighters, Tree Lighting, Sign Lighting and Security Lighting.

STANDARD PRODUCT ACCESSORIES INCLUDED

- HL-FL-MW-MCCT-ML3-80W:** 1/2" Knuckle Mount & C-Shape Mount
- HL-FL-MW-MCCT-ML3-150W/150W-HV:** Slip Fitter Mount & C-Shape Mount
- HL-FL-MW-MCCT-ML3-300W/300W-HV:** Slip Fitter Mount & Trunnion Mount

Default Parameters	
Wattage	CCT
80W	5000K
150W	5000K
300W	5000K
150W	5000K
300W	5000K

DLC PRODUCT INFORMATION			
Order ID	DLC Model Number	DLC Source Identifier	Classification
HL-FL-MW-MCCT-ML3-80W	HL-FL-MW-MCCT-ML3-80W-AA-BB-ZZZZ	S-JHXXMJ	Premium
HL-FL-MW-MCCT-ML3-150W	HL-FL-MW-MCCT-ML3-150W-AA-BB-ZZZZ	S-ZJ8V9C	Premium
HL-FL-MW-MCCT-ML3-300W	HL-FL-MW-MCCT-ML3-300W-AA-BB-ZZZZ	S-5XWV3	Premium
HL-FL-MW-MCCT-ML3-150W-HV**	-	In Progress	Premium
HL-FL-MW-MCCT-ML3-300W-HV	HL-FL-MW-MCCT-ML3-300W-HV-AA-BB-ZZZZ	S-DBCW9	Premium

PERFORMANCE

Model Number	Wattages	Input Voltage	Distribution	3000K (>80 CRI)		4000K (>80 CRI)		5000K (>80 CRI)	
				Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
HL-FL-MW-MCCT-ML3-80W	45W/60W/80W	120-277 Vac	7H6V	10,400lm	130 lm/W	12,000lm	150 lm/W	11,200lm	140 lm/W
			6H6V	10,400lm	130 lm/W	12,000lm	150 lm/W	11,200lm	140 lm/W
			5H5V	10,400lm	130 lm/W	12,000lm	150 lm/W	11,200lm	140 lm/W
HL-FL-MW-MCCT-ML3-150W	100W/120W/150W	120-277 Vac	7H6V	19,500lm	130 lm/W	22,500lm	150 lm/W	21,000lm	140 lm/W
			6H6V	19,500lm	130 lm/W	22,500lm	150 lm/W	21,000lm	140 lm/W
			5H5V	19,500lm	130 lm/W	22,500lm	150 lm/W	21,000lm	140 lm/W
HL-FL-MW-MCCT-ML3-300W	200W/240W/300W	120-277 Vac	7H6V	39,000lm	130 lm/W	45,000lm	150 lm/W	42,000lm	140 lm/W
			6H6V	39,000lm	130 lm/W	45,000lm	150 lm/W	42,000lm	140 lm/W
			5H5V	39,000lm	130 lm/W	45,000lm	150 lm/W	42,000lm	140 lm/W
HL-FL-MW-MCCT-ML3-150W-HV**	100W/120W/150W	277-480 Vac	7H6V	19,500lm	130 lm/W	22,500lm	150 lm/W	21,000lm	140 lm/W
			6H6V	19,500lm	130 lm/W	22,500lm	150 lm/W	21,000lm	140 lm/W
			5H5V	19,500lm	130 lm/W	22,500lm	150 lm/W	21,000lm	140 lm/W
HL-FL-MW-MCCT-ML3-300W-HV	200W/240W/300W	277-480 Vac	7H6V	39,000lm	130 lm/W	45,000lm	150 lm/W	42,000lm	140 lm/W
			6H6V	39,000lm	130 lm/W	45,000lm	150 lm/W	42,000lm	140 lm/W
			5H5V	39,000lm	130 lm/W	45,000lm	150 lm/W	42,000lm	140 lm/W

Remarks: Lumen and efficacy data are based on the CCT of each higher wattage SKU

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EFFECTIVE PROJECTED AREA (EPA)

Model Number	Mounting Type	EPA Minimum	EPA Maximum
HL-FL-MW-MCCT-ML3-80W	1/2" Knuckle Mount	0.17 ft ²	0.72 ft ²
HL-FL-MW-MCCT-ML3-80W	C Clamp	0.16 ft ²	0.71 ft ²
HL-FL-MW-MCCT-ML3-150W	Slip fitter	0.43 ft ²	1.05 ft ²
HL-FL-MW-MCCT-ML3-150W	C Clamp	0.31 ft ²	0.93 ft ²
HL-FL-MW-MCCT-ML3-300W	Slip fitter	0.64 ft ²	1.58 ft ²
HL-FL-MW-MCCT-ML3-300W	Trunnion Mount	0.57 ft ²	1.43 ft ²
HL-FL-MW-MCCT-ML3-150W-HV**	Slip fitter	0.43 ft ²	1.05 ft ²
HL-FL-MW-MCCT-ML3-150W-HV**	C Clamp	0.31 ft ²	0.93 ft ²
HL-FL-MW-MCCT-ML3-300W-HV	Slip fitter	0.64 ft ²	1.58 ft ²
HL-FL-MW-MCCT-ML3-300W-HV	Trunnion Mount	0.57 ft ²	1.43 ft ²

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PACKAGING DETAILS

Model No.	Product Dimension (LxWxH) (in)	Case Qty (units)	Case Dimension (LxWxH) (in)	Net Weight Product (lbs)	Gross Weight with Packaging (lbs)	Pallet Load
HL-FL-MW-MCCT-ML3-80W	10.90x7.80x3.62	6	26.18x12.91x13.39	5.29	37.78	180
HL-FL-MW-MCCT-ML3-150W	13.62x9.36x5.57	1	15.04x13.98x8.58	11.15	13.37	72
HL-FL-MW-MCCT-ML3-300W	17.66x12.18x6.74	1	19.02x16.354x9.84	18.51	21.6	40
HL-FL-MW-MCCT-ML3-150W-HV**	13.62x9.36x5.57	1	15.04x13.98x8.58	11.15	13.37	72
HL-FL-MW-MCCT-ML3-300W-HV	17.66x12.18x6.74	1	19.02x16.354x9.84	18.51	21.6	40

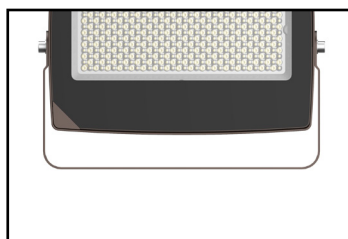
MOUNTING DETAILS



**1/2" Knuckle Mount
(80W)**



**Slip Fitter Mount
(150W & 300W)**



**C-Shape Mount
(80W & 150W)**



**Trunnion Mount
(300W)**

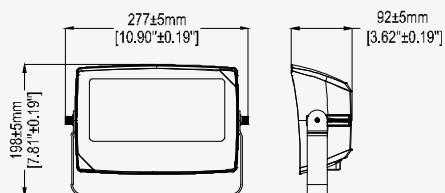
All mounting brackets are included as standard accessories (not sold separately).

CUSTOMIZATION

- Available in Bronze, or Custom Finish
- Beam Selectable option 7H6V / 6H6V / 5H5V

DIMENSIONS

SELECTABLE WATTAGE & CCT: 80W



Length (L)

10.72 Inch

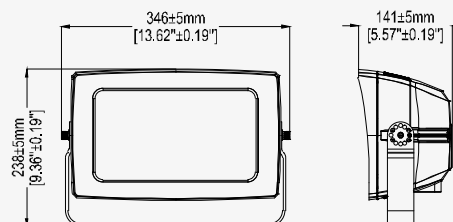
Width (W)

7.80 Inch

Height (H)

3.62 Inch

SELECTABLE WATTAGE & CCT: 150W/150W-HV



Length (L)

13.62 Inch

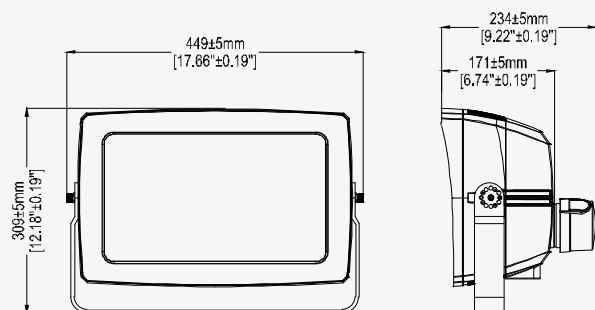
Width (W)

9.36 Inch

Height (H)

5.57 Inch

SELECTABLE WATTAGE & CCT: 300W/300W-HV



Length (L)

17.66 Inch

Width (W)

12.18 Inch

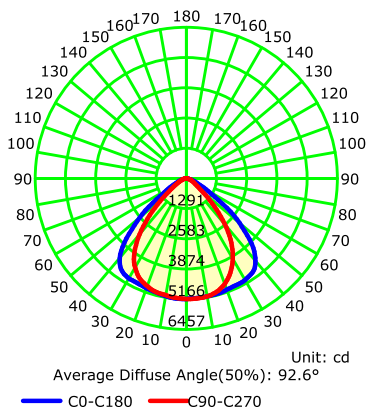
Height (H)

6.74 Inch

PHOTOMETRIC RESULT

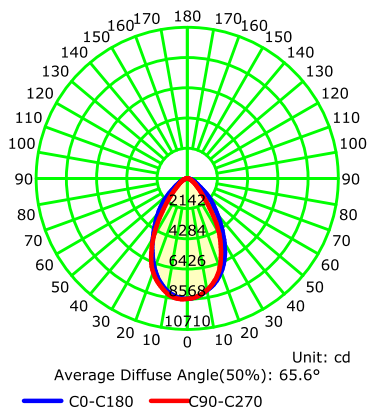
7H6V(80W-3000K)

Luminous Intensity Distribution Curve



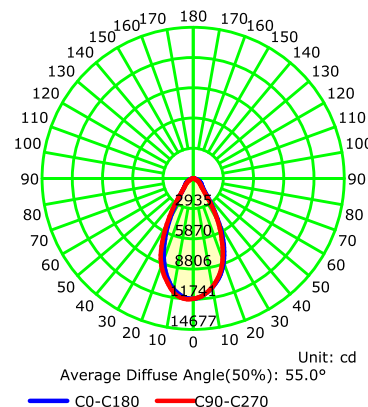
6H6V(80W-3000K)

Luminous Intensity Distribution Curve



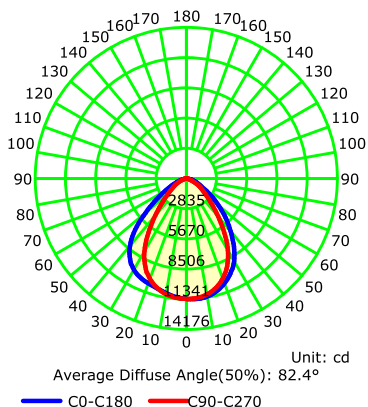
5H5V(80W-3000K)

Luminous Intensity Distribution Curve



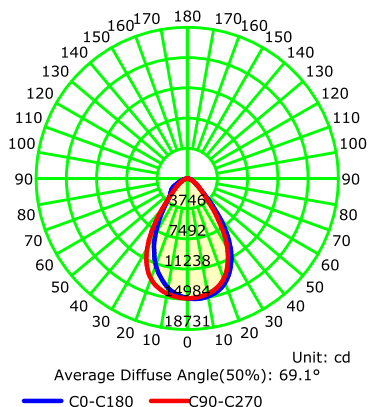
7H6V(150W-3000K)

Luminous Intensity Distribution Curve



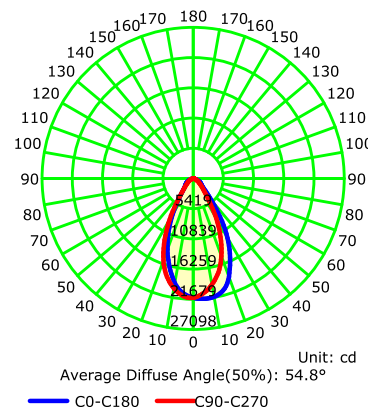
6H6V(150W-3000K)

Luminous Intensity Distribution Curve



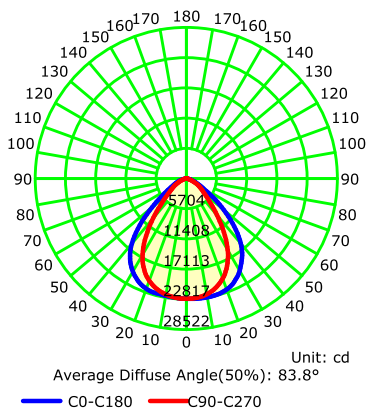
5H5V(150W-3000K)

Luminous Intensity Distribution Curve



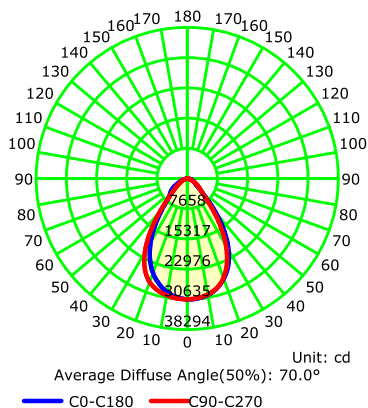
7H6V(300W-3000K)

Luminous Intensity Distribution Curve



6H6V(300W-3000K)

Luminous Intensity Distribution Curve



5H5V(300W-3000K)

Luminous Intensity Distribution Curve

