

Project:		
Location:		
Model#:	FLD-150WS-3CS-WRV-BZ	Type:
Client:		Qty:
Prepared by:		Date:

## SERIES SPECIFICATIONS

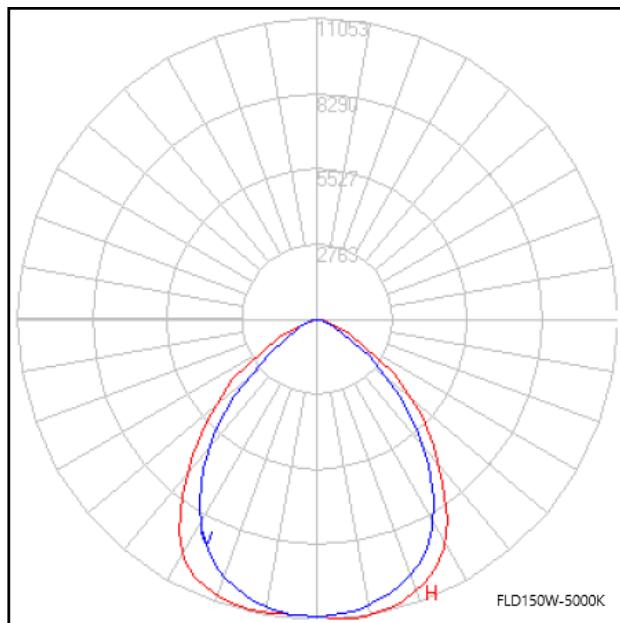


To supply Tamlite's FLD Series of LED floodlights as specified. The luminaire shall operate at 120-347Vac and use a constant current type driver. Driver shall be dimmable by 1-10Vdc control. The housing shall be constructed of powder-coated die-cast Aluminium with a screw down rear wiring compartment with pre-fitted IP68 stainless steel strain relief with 6ft cab tire, and an impact resistant PMMA Optic. A durable formed gasket shall be provided between the enclosure and the lens, and the wiring compartment and housing. The reflector shall be made of highly specular material and contoured to maximize light output efficiency. All parts shall be corrosion resistant. LEDs shall be as specified, LUXEON® 3030 2D LED chips. The luminaire shall be cULus and DLC Listed.

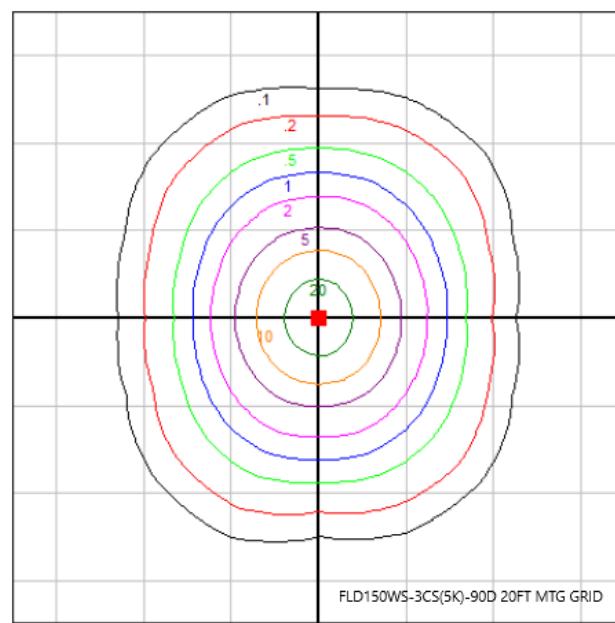


## PERFORMANCE SPECIFICATIONS

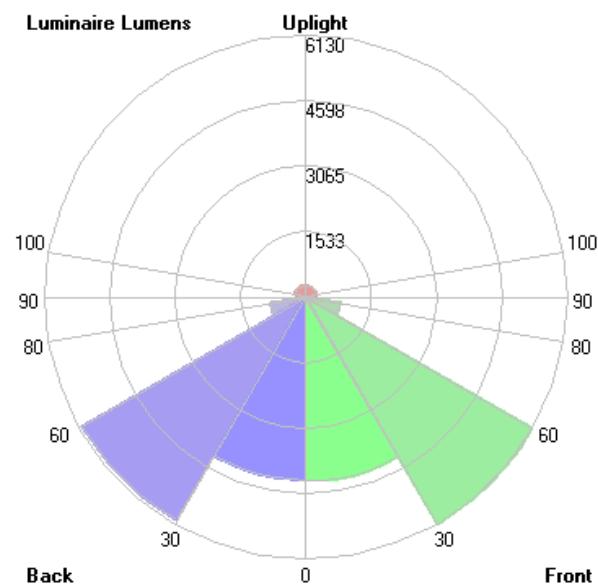
Luminance Distribution Chart



Isolux Diagram



BUG Graph



Initial Lumen Output: 22500

Luminaire Type: Led Flood Light

UL Classification: Wet

Limited Product Warranty: 5 years

Efficacy: 150lm/w

BUG Rating: B4-U0-G2

Ambient Operating Temp: -40 TO 50

Beam Angle: 90°/75°/55°

Environmental Rating(s): IP65

Certification Standards: cULus

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	4308.6	19.0	19.0
FM (30-60)	6130.0	27.0	27.0
FH (60-80)	830.4	3.7	3.7
FVH (80-90)	10.8	0.0	0.0
BL (0-30)	4280.8	18.8	18.8
BM (30-60)	6035.9	26.6	26.6
BH (60-80)	844.0	3.7	3.7
BVH (80-90)	21.0	0.1	0.1
UL (90-100)	8.7	0.0	0.0
UH (100-180)	262.3	1.2	1.2
Total	22732.5	100.1	100.0
<b>BUG Rating</b>	<b>B4-U3-G1</b>		

## LED SPECIFICATIONS

**Source Type:** LED  
**L80:** >102,000 Hrs  
**Colour Tolerance:** 300

**CRI:** >80  
**L90:** 51000

**L70:** >102,000 Hrs  
**Colour Temperature:** 3000K/4000K/5000K

## ELECTRICAL SPECIFICATIONS

**Input Voltage:** 120-347Vac  
**Current Draw at 347Vac:** 0.464  
**Power Factor at 347Vac:** > 0.95  
**Max Operating Case Temperature:** 50  
**Short Circuit Protection:** YES

**Input Frequency:** 50/60 Hz  
**Max On-Delay:** < 1S  
**THD at 120Vac(%):** 3.15  
**Dimming:** 1-10V

**Current Draw at 120Vac:** 1.253  
**Power Factor at 120Vac:** > 0.95  
**THD at 347Vac(%):** 12.36  
**Over Temperature Protection:** YES

## PHYSICAL SPECIFICATIONS

**Finish Colour:** Bronze  
**Lens Material:** Glass/PC

**Finish Type:** Powder coat Finish Over a  
Chromate Conversion Coating  
**Weight:** 12.1

**Housing Material:** Die-casting Aluminum  
**EPA:** 0.83ft<sup>2</sup>

## SHIPPING INFORMATION

**OrderingCode(s):** FLD-150WS-3CS-WRV-BZ

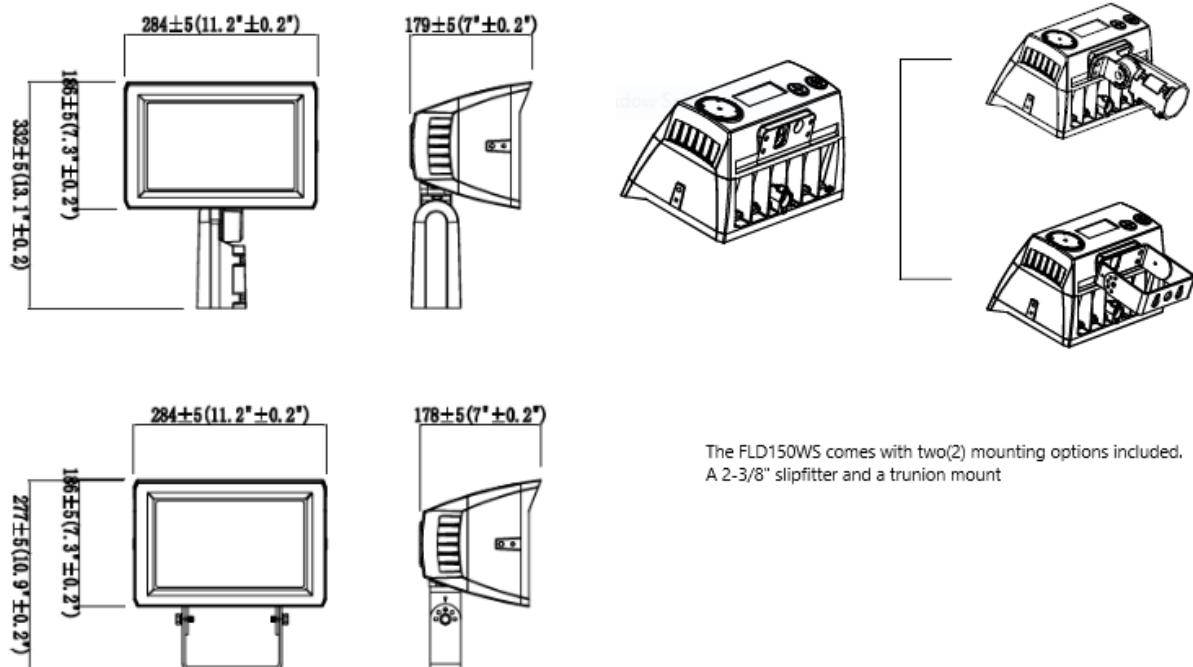
**Box Weight:** 2.1 kg /4.6 lbs.  
**Carton Weight:** 12.1

**Box Quantity:** 1  
**Carton Quantity:** 1

**Box Dimensions (L-W-H):** 333 x 284 x 178  
mm / 13.1 x 11.2 x 7 inches  
**Carton Dimensions (I-W-H):**  
13.58\*12.99\*9.87inch

## LINE DRAWING

### Line Drawings



The FLD150WS comes with two(2) mounting options included.  
A 2-3/8" slipfitter and a trunion mount

## SERIES ARCHITECTURE

### Series Architecture

Example; FLD-xxxWS-3CS-WRV-BZ

SERIES	WATTAGE(xxx)	CCT	VOLTAGE	COLOUR
FLD	150WS [150,125,100,80] 80WS [80,70,60,50] 60WS [60,55,50,45] 20WS [20,15,10,5]	3CS	WRV	BZ

Series	Adjusted Beam Angle	Selected Wattage	3000K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
FLD-150WS	90D	150	21,747	140.8	22,953	155.3	22,733	146.7
		125	17,759	143.3	18,585	155.7	18,305	147.1
		100	15,306	148.6	15,799	159.0	15,654	151.6
		80	12,337	153.3	13,219	164.6	12,654	157.7
	75D	150	20,879	135.2	22,117	143.2	22,401	145.1
		125	17,050	137.6	17,908	144.5	18,038	145.6
		100	14,695	142.7	15,224	147.8	15,425	149.8
		80	11,845	147.2	12,738	158.3	12,469	155.0
	55D	150	19,315	124.5	20,242	130.5	19,739	127.3
		125	15,143	122.2	15,793	127.5	15,662	126.4
		100	13,052	126.7	13,425	130.4	13,394	130.1
		80	10,520	130.7	11,233	139.6	10,827	134.5