



**EnergyLED**

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# SPECIFICATION

*PART NO. : HBFED3E-UNF1-XX1-150*

**Flood Light**

**Preliminary**

**IP66**

Approved by

Checked by

Prepared by

*Yang*

*Mark*

*Sean*



## LIGHTING

[illegible]

**Part Number Information:**HBFED3E-UNF1-XX1-150

SS:2700K

WW:3000K

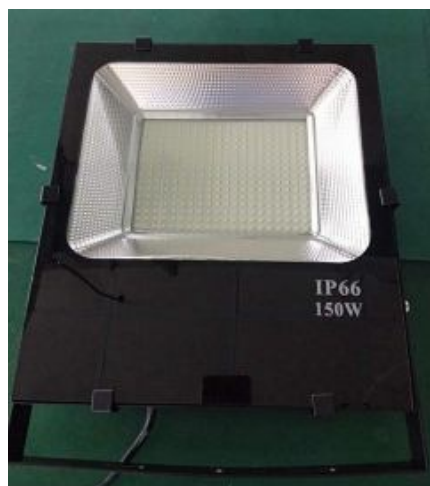
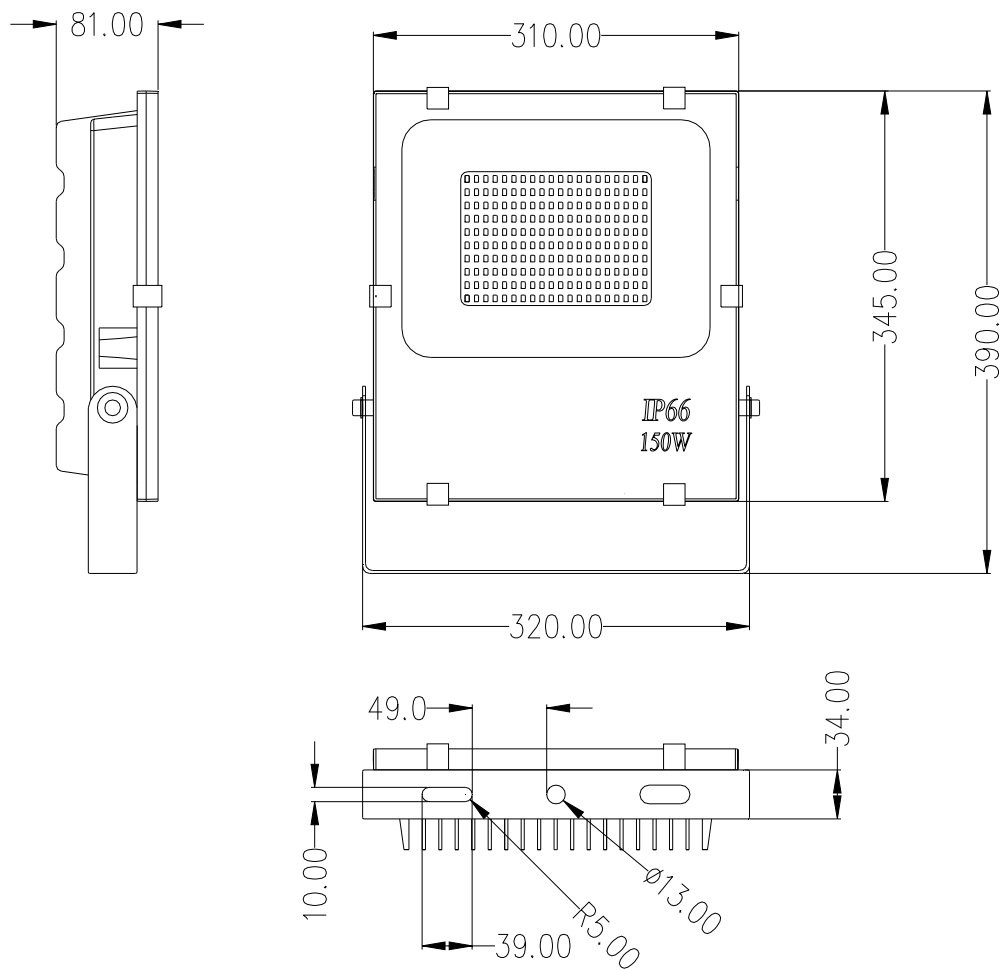
TW:4000K

DW:5000K

CW:5700K

EW:6000K

NW:6500K

**Dimensions:**

1. All dimensions are in millimeters.
2. Tolerance is  $\pm 5$  mm unless otherwise noted.
3. 4.IP degrees: IP66.

**Description**

Part No.	Emitting Color	CCT	Operation Voltage
HBFED3E-UNF1-SS1-150	Warm White	2700K	100-277 VAC
HBFED3E -UNF1-WW1-150	Warm White	3000K	100-277 VAC
HBFED3E -UNF1-TW1-150	Warm White	4000K	100-277 VAC
HBFED3E -UNF1-DW1-150	White	5000K	100-277 VAC
HBFED3E -UNF1-CW1-150	White	5700K	100-277 VAC
HBFED3E -UNF1-EW1-150	White	6000K	100-277 VAC
HBFED3E -UNF1-NW1-150	White	6500K	100-277 VAC

**Absolute Maximum Ratings at Ta=25 °C**

Parameter	Symbol	Rating	Unit
Operating Temperature Range	Topr.	-25 to +45	°C
Storage Temperature Range	Tstg.	-40 to +60	°C
L-N Class II (2 ohm) (IEC61000-4-5 2014)	---	6000	V
Operating Humidity ( non – condensing )	%	20~90	RH

**Electrical And Optical Characteristics:****PART NO. : HBFED3E-UNF1-SS1-150**

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Flux	$\Phi_v$	220 VAC	12000	15000	--	lm
Correlated Color Temperature	CCT		2400	2700	3000	K
Color Index	%		80	-	-	Ra
Viewing Angle	$\Delta\theta$		--	110°	--	Deg
Power Consumption	P <sub>D</sub>		130	150	170	W
Power Factor	%		0.90	--	--	--

**PART NO. : HBFED3E-UNF1-WW1-150**

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Flux	$\Phi_v$	220 VAC	12000	15000	--	lm
Correlated Color Temperature	CCT		2700	3000	3300	K
Color Index	%		80	-	-	Ra
Viewing Angle	$\Delta\theta$		--	110°	--	Deg
Power Consumption	P <sub>D</sub>		130	150	170	W
Power Factor	%		0.90	--	--	--

**PART NO. : HBFED3E-UNF1-TW1-150**

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Flux	$\Phi_v$	220 VAC	12000	15000	--	lm
Correlated Color Temperature	CCT		3500	4000	4500	K
Color Index	%		80	-	-	Ra
Viewing Angle	$\Delta\theta$		--	110°	--	Deg
Power Consumption	P <sub>D</sub>		130	150	170	W
Power Factor	%		0.90	--	--	--

**PART NO. : HBFED3E-UNF1-DW1-150**

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Flux	$\Phi_v$	220 VAC	12000	15000	--	lm
Correlated Color Temperature	CCT		4500	5000	5500	K
Color Index	%		80	-	-	Ra
Viewing Angle	$\Delta\theta$		--	110°	--	Deg
Power Consumption	P <sub>D</sub>		130	150	170	W
Power Factor	%		0.90	--	--	--

**PART NO. : HBFED3E-UNF1-CW1-150**

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Flux	$\Phi_v$	220 VAC	12000	15000	--	lm
Correlated Color Temperature	CCT		5200	5700	6200	K
Color Index	%		80	-	-	Ra
Viewing Angle	$\Delta\theta$		--	110°	--	Deg
Power Consumption	P <sub>D</sub>		130	150	170	W
Power Factor	%		0.90	--	--	--

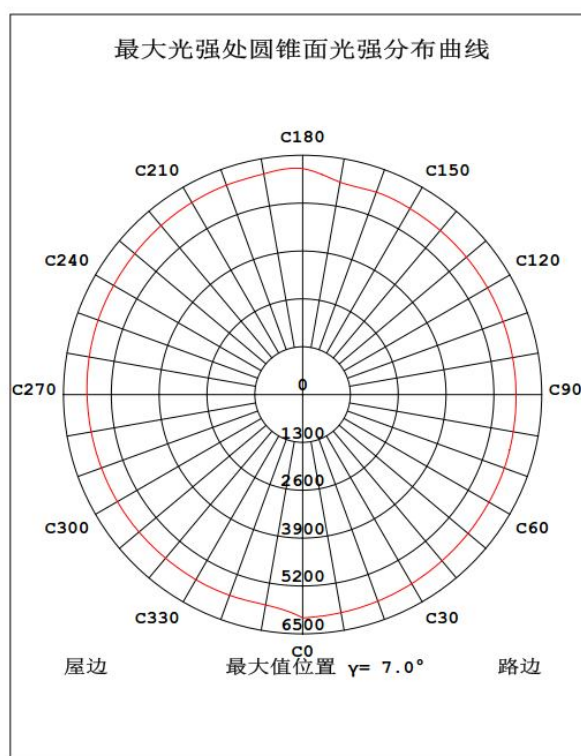
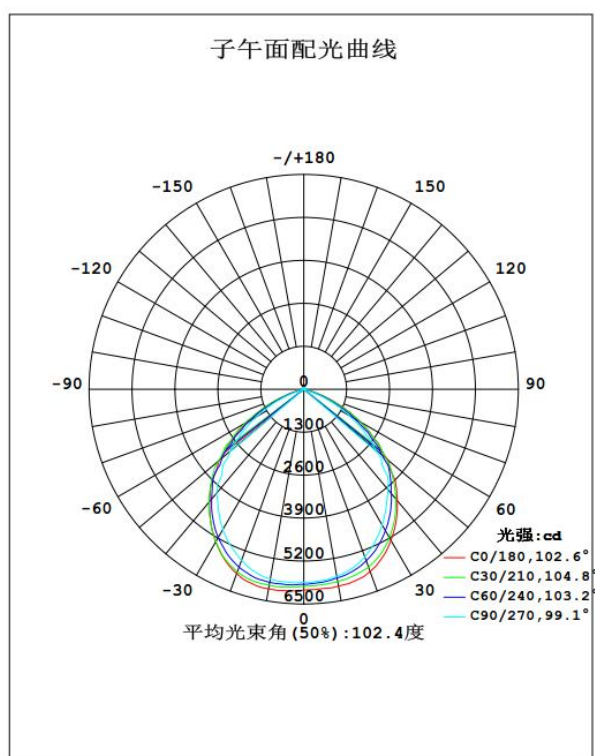
**PART NO. : HBFED3E-UNF1-EW1-150**

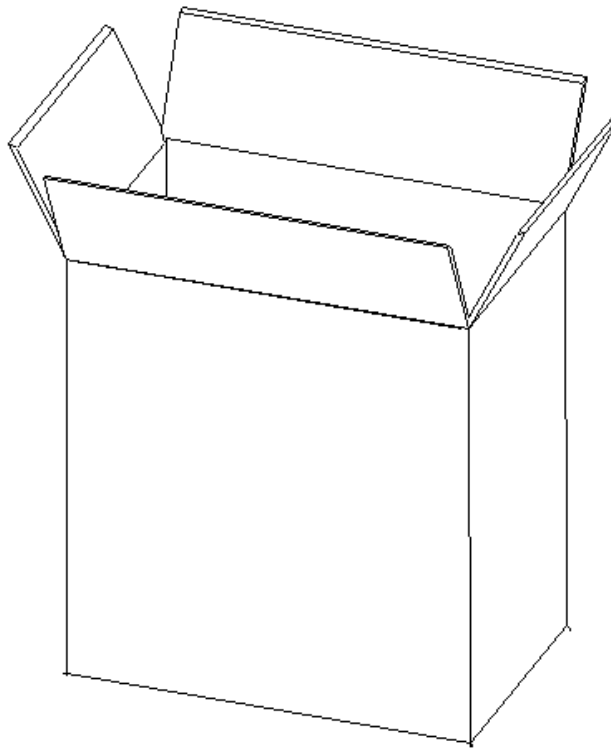
Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Flux	$\Phi_v$	220 VAC	12000	15000	--	lm
Correlated Color Temperature	CCT		5500	6000	6500	K
Color Index	%		80	-	-	Ra
Viewing Angle	$\Delta\theta$		--	110°	--	Deg
Power Consumption	P <sub>D</sub>		130	150	170	W
Power Factor	%		0.90	--	--	--



**PART NO. : HBFED3E-UNF1-NW1-150**

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Flux	$\Phi_v$	220 VAC	12000	15000	--	lm
Correlated Color Temperature	CCT		5800	6500	7200	K
Color Index	%		80	-	-	Ra
Viewing Angle	$\Delta\theta$		--	110°	--	Deg
Power Consumption	P <sub>D</sub>		130	150	170	W
Power Factor	%		0.90	--	--	--



**Encased Type:**

<b>PART NO.</b>	<b>Quantity</b>	<b>L(mm)</b>	<b>W(mm)</b>	<b>H(mm)</b>	<b>N.W. (Kg)</b>	<b>G.W. (Kg)</b>
HBFED3E-UNF1-XX1-150	1 PCS	420	335	100	4.1	4.3