

ARANI

LED MINI FLOOD LIGHTS

Exceptional Lumens/Watt

These Arani LED mini floodlights deliver exceptional lumens/watt.

Please consult specifications within to determine the best wattage for your application.



15W
Bracket-Mount



15W
Knuckle-Mount



45W
Bracket-Mount

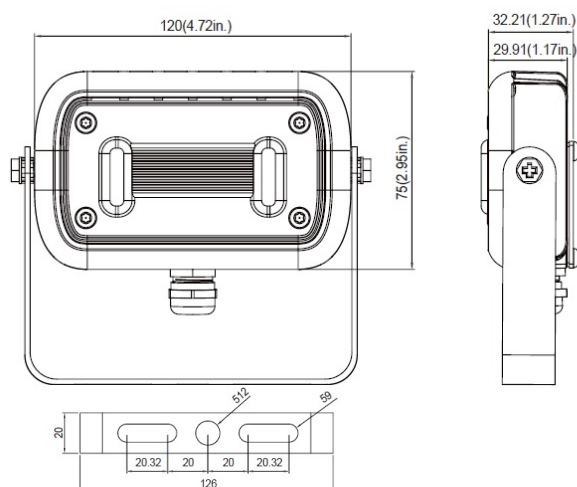


45W
Knuckle-Mount

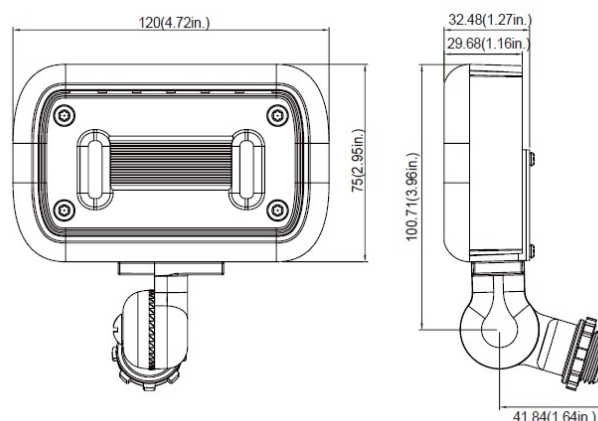


15W LED MINI FLOODLIGHT

15W Bracket-Mount



15W Knuckle-Mount



Weight: 0.45kg



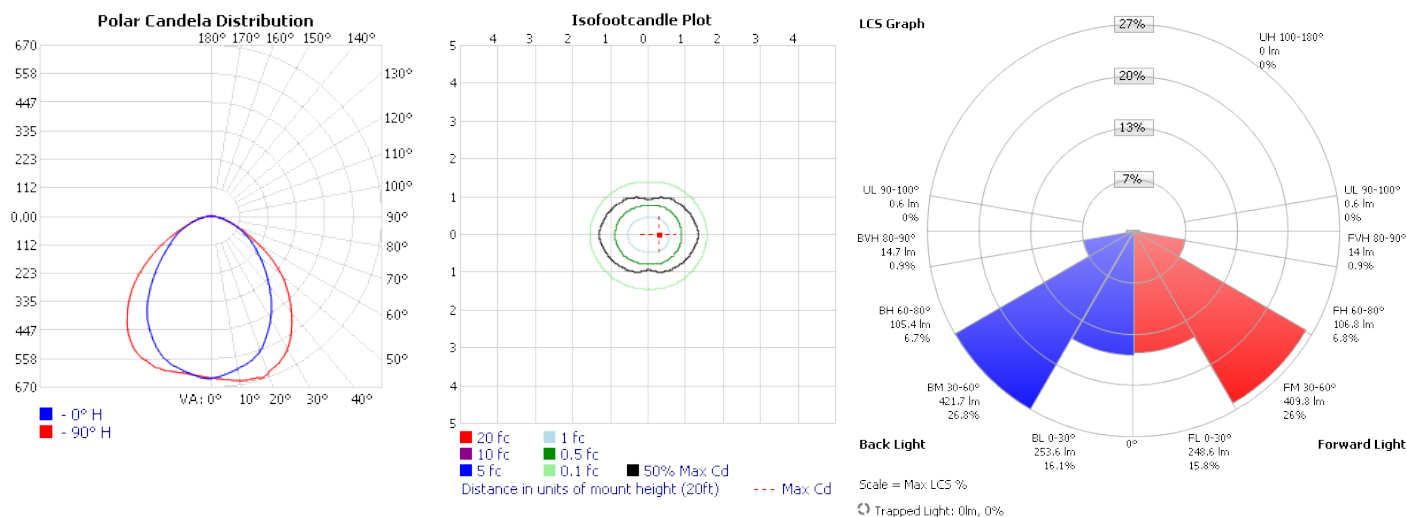
SERIES	POWER (WATTS)	EQUIVALENT TO (WATTS)	LUMENS	BEAM ANGLE	MOUNT	COLOR	MODEL NUMBER
15W LED MINI FLOOD LIGHT	15W	50W	1500	140°	BRACKET	3000K	FL-15W-30K-BR-V2
						4000K	FL-15W-40K-BR-V2
					KNUCKLE	3000K	FL-15W-30K-KN-V2
						4000K	FL-15W-40K-KN-V2

FEATURES

- Exceptional Lumens/Watt
- CREE LEDs
- Available in 15W
- Available in 3000K, 4000K
- Available in Knuckle-Mount/Bracket-Mount
- IP66
- CRI >70
- Dark Bronze Aluminum Casing
- Built-in Heatsink for Max Lifespan & Performance
- Operating Temperatures: -40°C to 45°C



PHOTOMETRIC REPORT (15W)



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	502.2	31.9%	31.9%
0-40	816.3	51.8%	51.8%
0-60	1,333.5	84.7%	84.7%
60-90	240.9	15.3%	15.3%
70-100	101.6	6.4%	6.5%
90-120	0.6	0%	0%
0-90	1,574.4	99.9%	100%
90-180	0.6	0%	0%
0-180	1,575.1	100%	100%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:		CUTOFF
DISTRIBUTION:		TYPE VS
MAX CD, 90 DEG VERT:		19.3
MAX CD, 80 TO <90 DEG:		46.9
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	779.3	49.5%
DOWNWARD HOUSE SIDE:	795.4	50.5%
DOWNWARD TOTAL:	1,574.6	100%
UPWARD STREET SIDE:	0.3	0%
UPWARD HOUSE SIDE:	0.4	0%
UPWARD TOTAL:	0.6	0%
TOTAL LUMENS:		1,575.3 100%

LUMENS PER ZONE

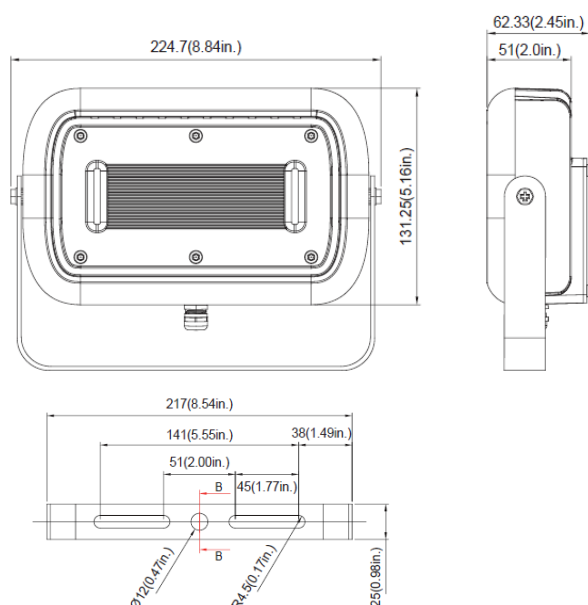
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	59.8	3.8%	90-100	0.6	0%
10-20	174.4	11.1%	100-110	0.000	0%
20-30	268.0	17.0%	110-120	0.000	0%
30-40	314.1	19.9%	120-130	0.000	0%
40-50	294.2	18.7%	130-140	0.000	0%
50-60	223.0	14.2%	140-150	0.000	0%
60-70	140.0	8.9%	150-160	0.000	0%
70-80	72.2	4.6%	160-170	0.000	0%
80-90	28.8	1.8%	170-180	0.000	0%

LCS TABLE

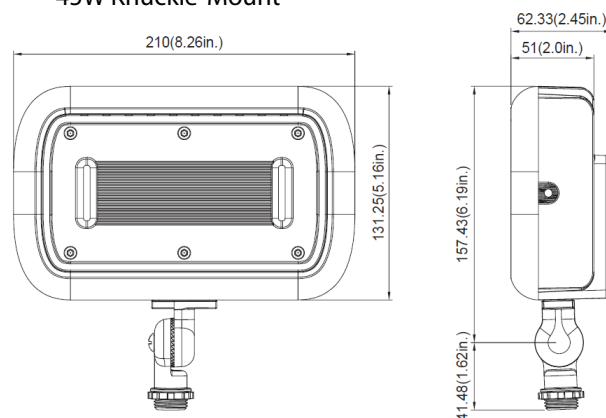
BUG RATING	B1 - U1 - G1	LUMENS	LUMENS %
FORWARD LIGHT			
LOW(0-30):	248.6	15.8%	
MEDIUM(30-60):	409.8	26%	
HIGH(60-80):	106.8	6.8%	
VERY HIGH(80-90):	14.0	0.9%	
BACK LIGHT			
LOW(0-30):	253.6	16.1%	
MEDIUM(30-60):	421.7	26.8%	
HIGH(60-80):	105.4	6.7%	
VERY HIGH(80-90):	14.7	0.9%	
UPLIGHT			
LOW(90-100):	0.6	0%	
HIGH(100-180):	0.000	0%	
TRAPPED LIGHT:	0.0	0%	

45W LED MINI FLOODLIGHT

45W Bracket-Mount



45W Knuckle-Mount



Weight: 1.86kg



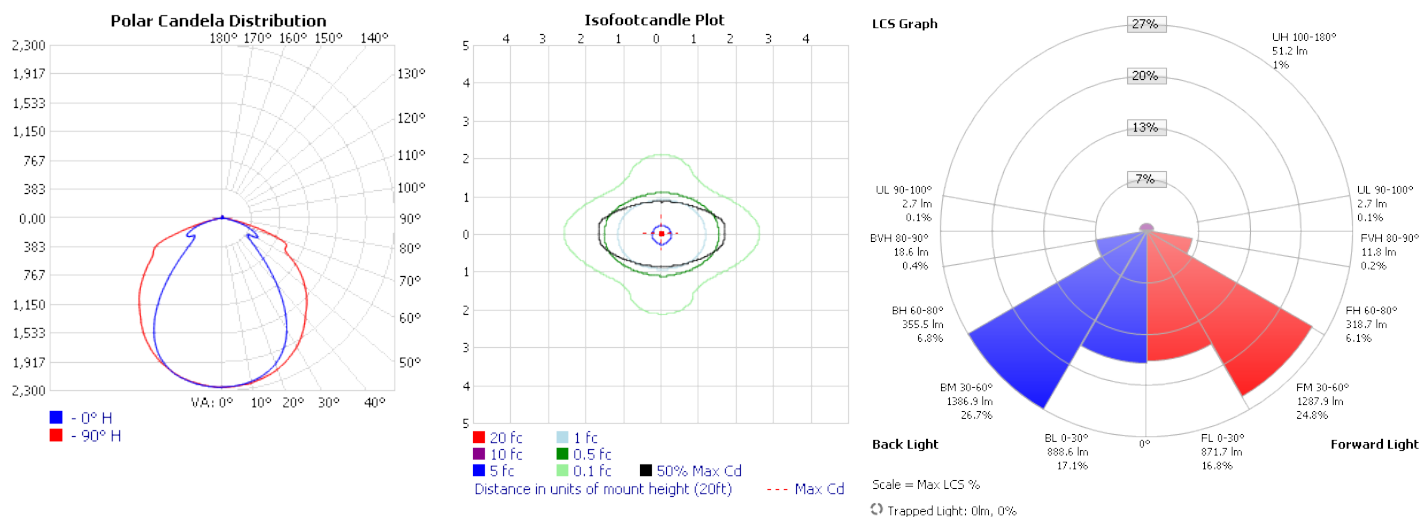
SERIES	POWER (WATTS)	EQUIVALENT TO (WATTS)	LUMENS	BEAM ANGLE	MOUNT	COLOR	MODEL NUMBER
45W LED MINI FLOOD LIGHT	45W	100W	5100	140°	BRACKET	3000K	FL-45W-30K-BR-V2
						4000K	FL-45W-40K-BR-V2
					KNUCKLE	3000K	FL-45W-30K-KN-V2
						4000K	FL-45W-40K-KN-V2

FEATURES

- Exceptional Lumens/Watt
- CREE LEDs
- Available in 45W
- Available in 3000K, 4000K
- Available in Knuckle-Mount/Bracket-Mount
- IP66
- CRI >70
- Dark Bronze Aluminum Casing
- Built-in Heatsink for Max Lifespan & Performance
- Operating Temperatures: -40°C to 45°C



PHOTOMETRIC REPORT (45W)



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,760.3	33.9%	33.9%
0-40	2,825.8	54.4%	54.4%
0-60	4,434.5	85.4%	85.4%
60-90	704.6	13.6%	13.6%
70-100	237.4	4.6%	4.6%
90-120	13.2	0.3%	0.3%
0-90	5,139.0	98.9%	99%
90-180	53.9	1%	1%
0-180	5,192.9	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	213.3	4.1%	90-100	2.7	0.1%
10-20	615.3	11.8%	100-110	4.3	0.1%
20-30	931.6	17.9%	110-120	6.2	0.1%
30-40	1,065.5	20.5%	120-130	8.4	0.2%
40-50	941.3	18.1%	130-140	9.1	0.2%
50-60	667.3	12.9%	140-150	8.8	0.2%
60-70	469.9	9.0%	150-160	7.5	0.1%
70-80	204.3	3.9%	160-170	5.1	0.1%
80-90	30.4	0.6%	170-180	1.9	0%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	CUTOFF	
DISTRIBUTION:	TYPE I, VERY SHORT	
MAX CD, 90 DEG VERT:	2.7	
MAX CD, 80 TO <90 DEG:	143.4	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	2,490.0	47.9%
DOWNWARD HOUSE SIDE:	2,649.7	51%
DOWNWARD TOTAL:	5,139.7	99%
UPWARD STREET SIDE:	27.2	0.5%
UPWARD HOUSE SIDE:	26.7	0.5%
UPWARD TOTAL:	53.9	1%
TOTAL LUMENS:	5,193.6	100%

LCS TABLE

BUG RATING	B2 - U3 - G1
FORWARD LIGHT	LUMENS LUMENS %
LOW(0-30):	871.7 16.8%
MEDIUM(30-60):	1,287.9 24.8%
HIGH(60-80):	318.7 6.1%
VERY HIGH(80-90):	11.8 0.2%
BACK LIGHT	LUMENS LUMENS %
LOW(0-30):	888.6 17.1%
MEDIUM(30-60):	1,386.9 26.7%
HIGH(60-80):	355.5 6.8%
VERY HIGH(80-90):	18.6 0.4%
UPLIGHT	LUMENS LUMENS %
LOW(90-100):	2.7 0.1%
HIGH(100-180):	51.2 1%
TRAPPED LIGHT:	0.0 0%