



GU10 VERSION 7



DESCRIPTION

• Delivering 550 lumens with only 7.5 watts, this highly energy efficient lamp is fully dimmable, and is Version 7 of Arani's GU10 lamp, the current best in a long history of continuous research and development.

APPLICATION

• Designed with a universal GU10 fitting, this lamp is versatile in its applications, and can be used for ambient lighting, work lighting, or in colour sensitive settings (CRI = 92.8).

SPECIFICATIONS

Certifications

- Energy Star
- cULs
- CE
- RoHS

Finish

- Aluminum
- White

Dimensions

Ø50 x 55mm

Color consistency

- Excellent color consistency
- No flickering
- Noise free

Operating Temperatures

-10°C to 40°C

Date:

Project:

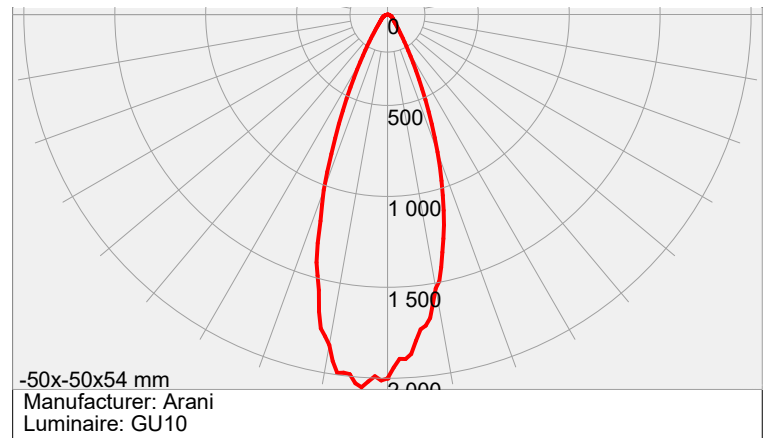
Prepared by:

Type:

Comments:



GU10 (V7)



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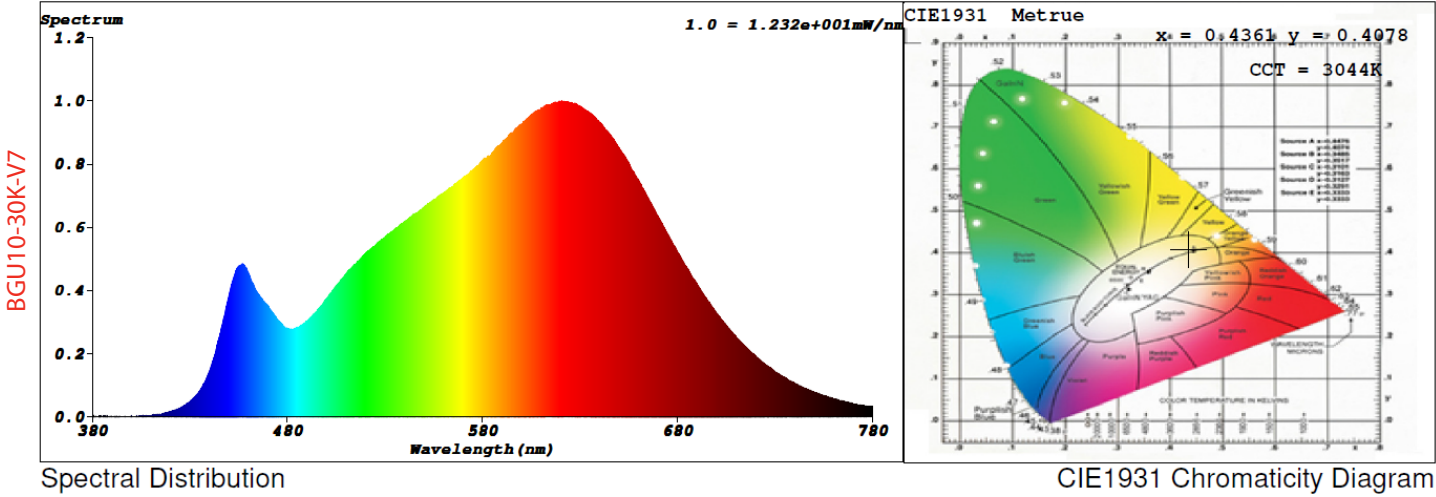
PERFORMANCE

Model Number	Power (Watts)	Lumens	Dimensions	Color Temp.	Input Voltage	Beam Angle	CRI
BGU10-30K-V7	7.5	550	Ø50 x 55mm	3000K	120VAC	40°	92.8
BGU10-40K-V7	7.5	550	Ø50 x 55mm	4000K	120VAC	40°	92.8



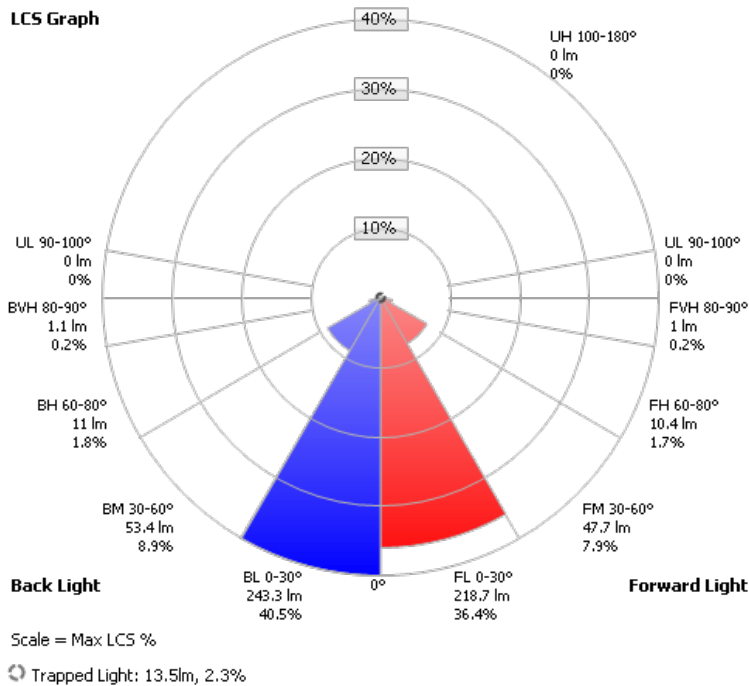
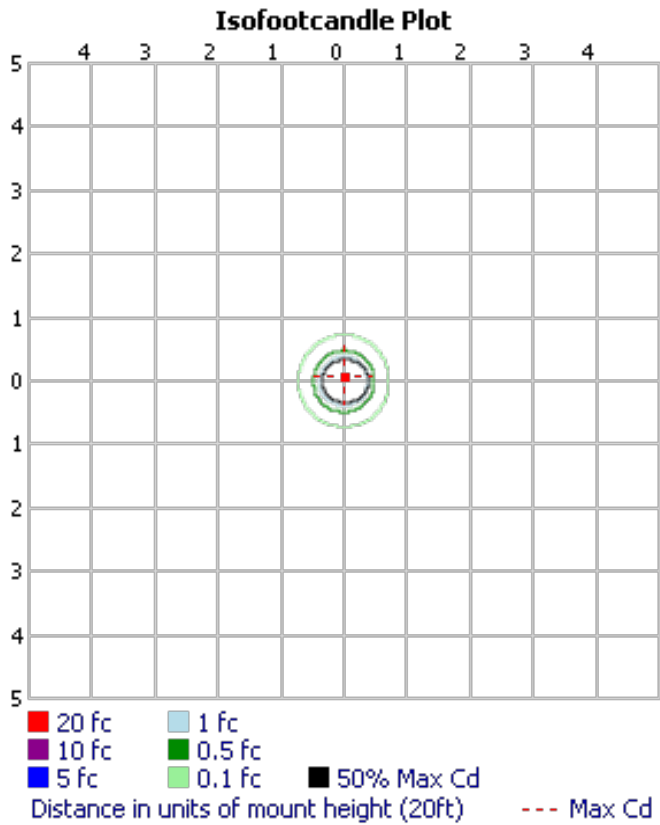
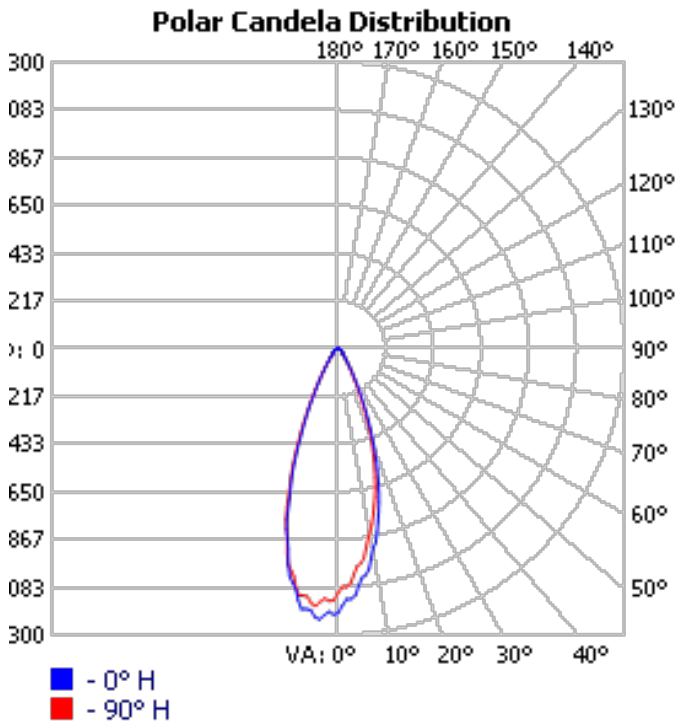
WAVELENGTH SPECTRUM

Spectrum



RENDERING INDEX

Rating type	BGU10-30K-V7
CRI	92.8
R1	93
R2	97
R3	99
R4	92
R5	92
R6	96
R7	92
R8	83
R9	61
R10	91
R11	92
R12	78
R13	94
R14	99
R15	89



PHOTOMETRIC REPORT

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ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	461.7	77%	78.8%
0-40	516.8	86.1%	88.2%
0-60	562.7	93.8%	96%
60-90	23.5	3.9%	4%
0-90	586.2	97.7%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL
0-10	102.8	17.5%
10-20	215.1	36.7%
20-30	143.9	24.5%
30-40	55.1	9.4%
40-50	26.8	4.6%
50-60	19.1	3.3%
60-70	13.7	2.3%
70-80	7.6	1.3%
80-90	2.1	0.4%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	CUTOFF	
DISTRIBUTION:	TYPE VS	
MAX CD, 90 DEG VERT:	0.8	
MAX CD, 80 TO <90 DEG:	5.4	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	277.7	46.3%
DOWNWARD HOUSE SIDE:	308.7	51.5%
DOWNWARD TOTAL:	586.5	97.7%
TOTAL LUMENS:	586.5	97.7%

LCS TABLE

BUG RATING	B1 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	218.7	36.4%
MEDIUM(30-60):	47.7	7.9%
HIGH(60-80):	10.4	1.7%
VERY HIGH(80-90):	1.0	0.2%
BACK LIGHT		
LOW(0-30):	243.3	40.5%
MEDIUM(30-60):	53.4	8.9%
HIGH(60-80):	11.0	1.8%
VERY HIGH(80-90):	1.1	0.2%
TRAPPED LIGHT:	13.5	2.3%



CANDELA TABLE - TYPE C					
	0	90	180	270	360
0	1200	1109	1200	1109	1200
5	1080	992	1221	1172	1080
10	917	840	1107	1103	917
15	719	653	892	892	719
20	482	441	616	627	482
25	270	247	349	367	270
30	137	124	180	188	137
35	73	66	95	98	73
40	44	40	56	56	44
45	31	28	38	38	31
50	24	23	29	28	24
55	20	19	23	22	20
60	17	15	20	18	17
65	14	12	16	14	14
70	11	9	12	10	11
75	8	6	8	7	8
80	5	3	5	4	5
85	2	1	3	1	2
90	1	0	1	0	1

PRODUCT IMAGES



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