



Date:

Project:

Prepared by:

Type:

Comments:

PAR20 VERSION 7



DESCRIPTION

- With as little consumption of 7 watts, this PAR20 version 7 lamp delivers 600 lumens. This highly energy efficient lamp is fully dimmable when used with a dimmer.

APPLICATION

- With its E26 standard base, this PAR20 lamp easily replaces traditional incandescent lights equivalent to 50 Watts.

SPECIFICATIONS

Certifications

- Energy Star
- cULs
- CE
- RoHS

Color consistency

- Excellent color consistency
- No flickering
- Noise free

Finish

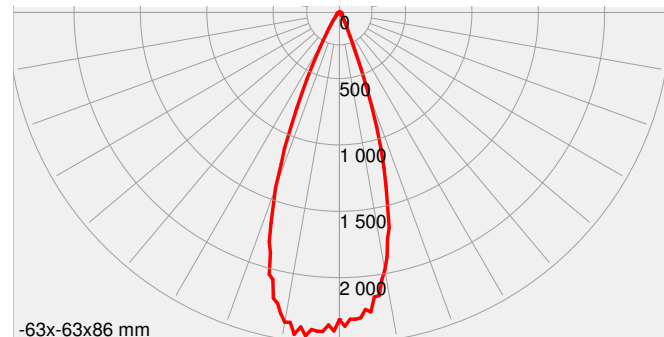
- Aluminum
- White

Operating Temperatures

-20°C to 40°C

Dimensions

Ø65 x 85mm



-63x-63x86 mm
Manufacturer: Arani
Luminaire: PAR20

PAR20 (V7)



ARANI.CA - 2555 RUE LÉGER
LASALLE, QC, H8N 2V9, CANADA

Version 1.0 , Created June 2016

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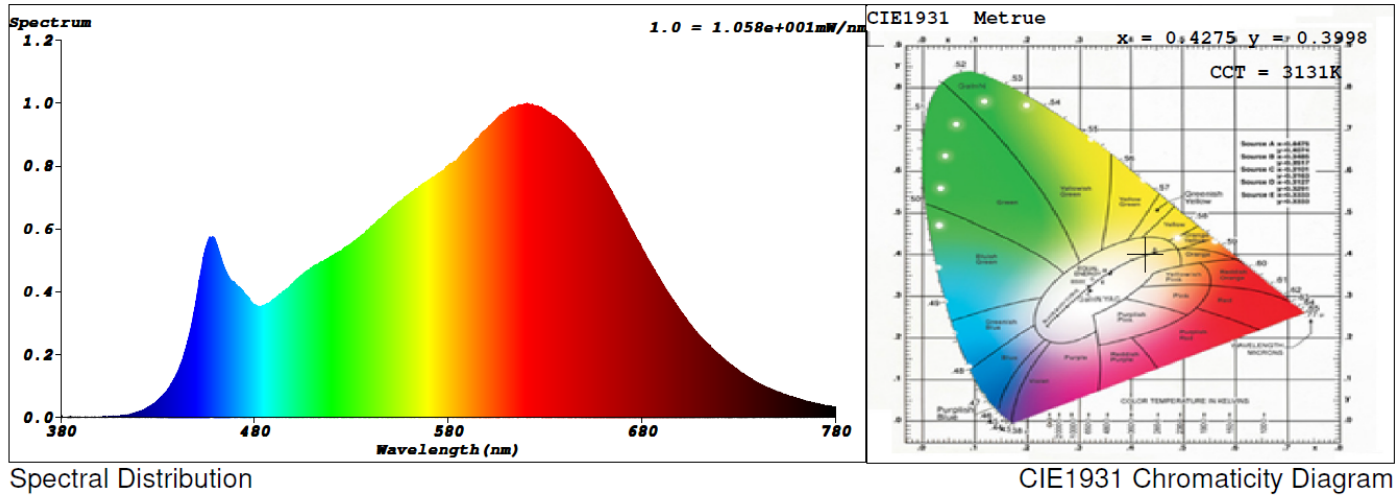
PERFORMANCE

Model Number	Power (Watts)	Lumens	Dimensions	Color Temp.	Input Voltage	Beam Angle	CRI
BPAR20-30K-V7	7	600	Ø65 x 85mm	3000K	90-130VAC	40°	94.0
BPAR20-40K-V7	7	600	Ø65 x 85mm	4000K	90-130VAC	40°	94.0



WAVELENGTH SPECTRUM

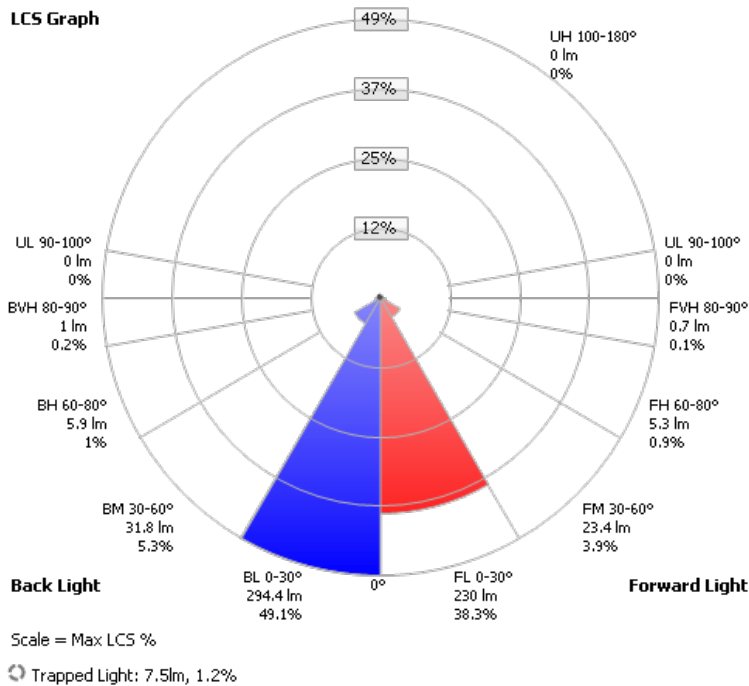
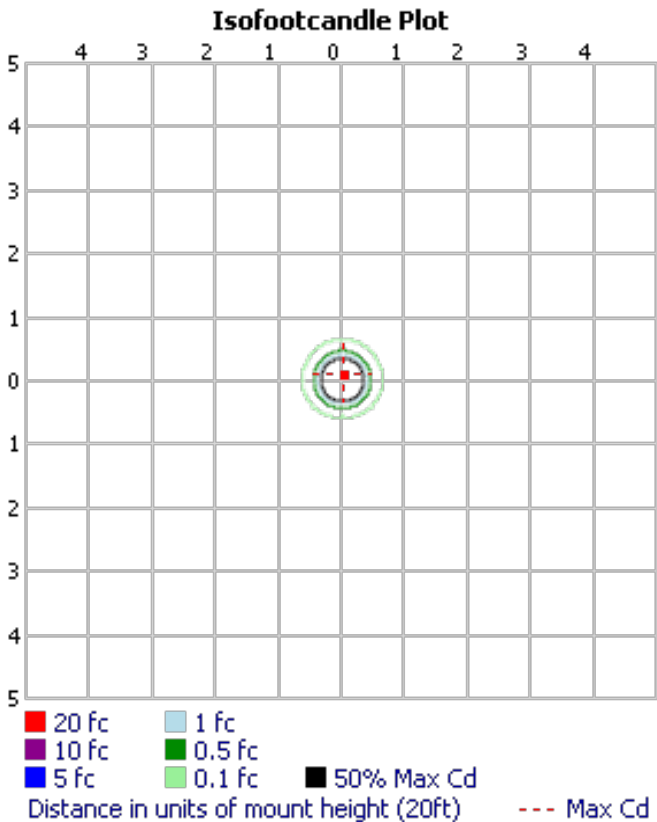
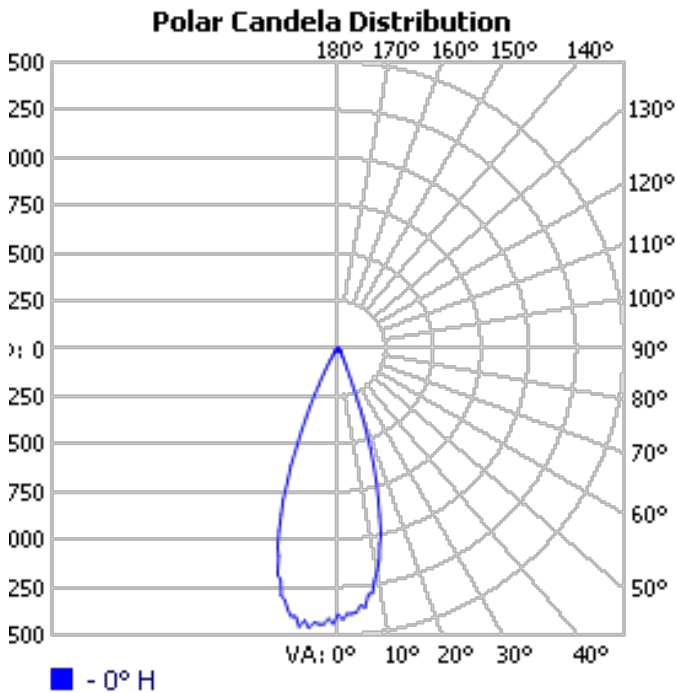
Spectrum



RENDERING INDEX

Rating type	BPAR20-30K-V7
CRI	94.0
R1	95
R2	100
R3	97
R4	92
R5	95
R6	97
R7	91
R8	85
R9	69
R10	98
R11	93
R12	81
R13	97
R14	99
R15	92





PHOTOMETRIC REPORT

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	524.1	87.3%	88.5%
0-40	555.1	92.5%	93.7%
0-60	579.2	96.5%	97.8%
60-90	13.0	2.2%	2.2%
0-90	592.2	98.7%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL
0-10	131.1	22.1%
10-20	269.8	45.6%
20-30	123.2	20.8%
30-40	31.0	5.2%
40-50	13.8	2.3%
50-60	10.3	1.7%
60-70	7.0	1.2%
70-80	4.2	0.7%
80-90	1.7	0.3%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	CUTOFF	
DISTRIBUTION:	TYPE I, VERY SHORT	
MAX CD, 90 DEG VERT:	1.2	
MAX CD, 80 TO <90 DEG:	3.3	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	259.4	43.2%
DOWNWARD HOUSE SIDE:	333.1	55.5%
DOWNWARD TOTAL:	592.5	98.8%
TOTAL LUMENS:	592.5	98.8%

LCS TABLE

BUG RATING	B1 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	230.0	38.3%
MEDIUM(30-60):	23.4	3.9%
HIGH(60-80):	5.3	0.9%
VERY HIGH(80-90):	0.7	0.1%
BACK LIGHT		
LOW(0-30):	294.4	49.1%
MEDIUM(30-60):	31.8	5.3%
HIGH(60-80):	5.9	1%
VERY HIGH(80-90):	1.0	0.2%
TRAPPED LIGHT:	7.5	1.2%

PAR20 (V7)



CANDELA TABLE - TYPE C		
	0	180
0	1390	1390
5	1349	1440
10	1182	1422
15	814	1227
20	356	844
25	95	396
30	46	148
35	27	65
40	18	33
45	14	20
50	13	16
55	10	13
60	8	10
65	7	8
70	5	6
75	3	5
80	2	3
85	1	2
90	1	1



PRODUCT IMAGES



PAR20 (V7)



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