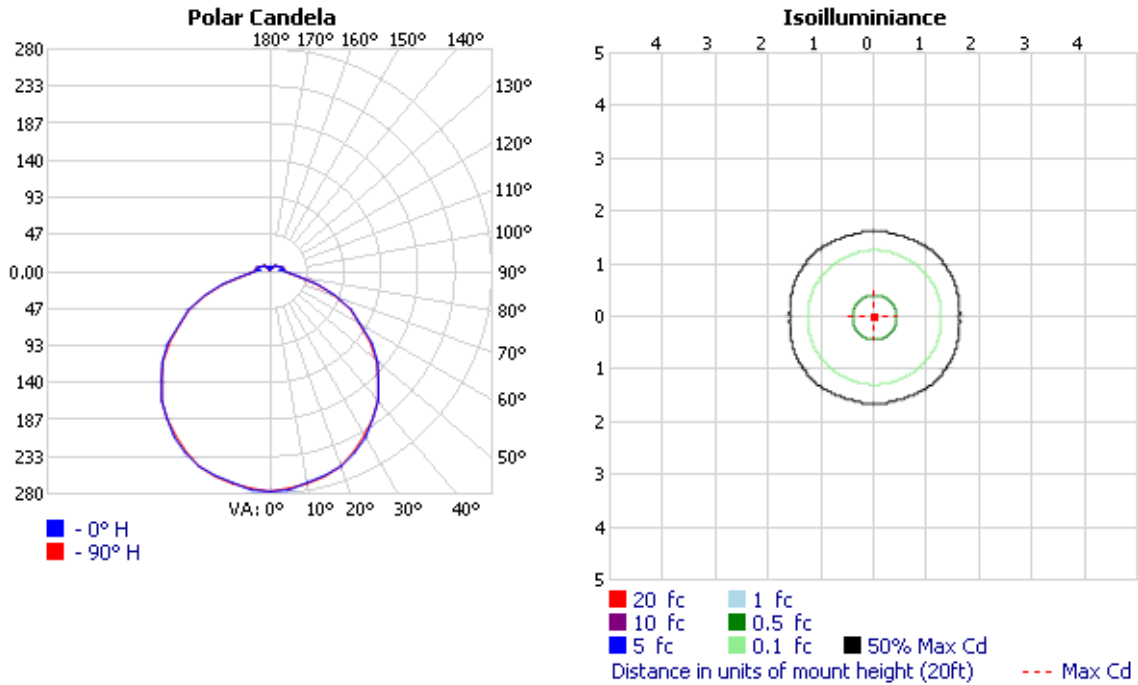


OUTDOOR PHOTOMETRIC REPORT
 CATALOG: BALLABS TEST NO. 18263.0



MANUFACTURER:
 TEST #: BALLABS TEST NO. 18263.0
 TEST LAB: BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC
 DESCRIPTION: 1-(44LED) 22W WHITE REFLECTOR W/CLEAR ACRYLIC LENS OVER LEDS WHITE ACRYLIC DRUM DIFFUSER
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 935.2, **ABSOLUTE PHOTOMETRY ***
 INPUT WATTAGE: 21
 LUMINOUS OPENING: VERTICAL CYLINDER (DIA : 13.87", H: 2")
 MAX CD: 277.0 AT HORIZONTAL: 0°, VERTICAL: 0°
 ROADWAY CLASS: TYPE VS

No
 Photo
 Available



*TEST BASED ON ABSOLUTE PHOTOMETRY WHERE LAMP LUMENS=LUMENS TOTAL.
 *CUTOFF CLASSIFICATION AND EFFICIENCY CANNOT BE PROPERLY CALCULATED FOR ABSOLUTE PHOTOMETRY.

VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2020, ACUITY BRANDS LIGHTING.
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ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	217.1	23.2%
0-40	358.7	38.4%
0-60	647.4	69.2%
60-90	206.6	22.1%
70-100	116.2	12.4%
90-120	52.6	5.6%
0-90	854.0	91.3%
90-180	81.2	8.7%
0-180	935.2	100%

LUMENS PER ZONE

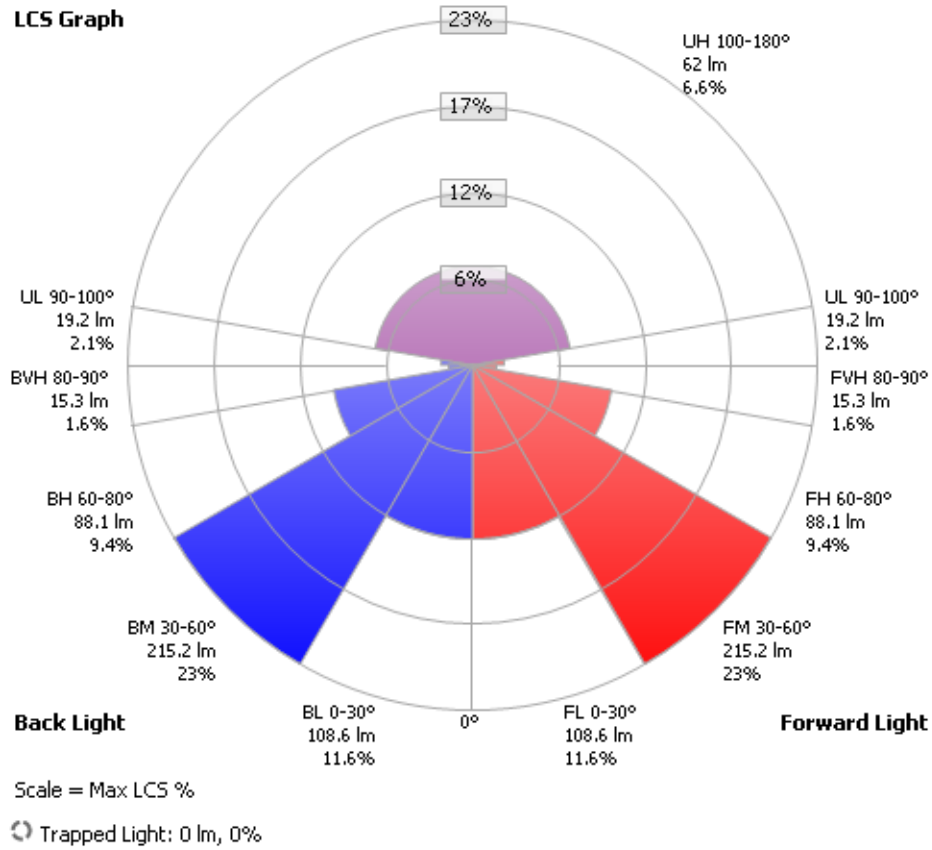
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	26.1	2.8%	90-100	19.2	2.1%
10-20	75.4	8.1%	100-110	17.8	1.9%
20-30	115.7	12.4%	110-120	15.6	1.7%
30-40	141.6	15.1%	120-130	11.1	1.2%
40-50	149.7	16.0%	130-140	7.4	0.8%
50-60	138.9	14.9%	140-150	5.0	0.5%
60-70	109.7	11.7%	150-160	3.3	0.3%
70-80	66.4	7.1%	160-170	1.4	0.1%
80-90	30.6	3.3%	170-180	0.4	0%

ROADWAY SUMMARY

DISTRIBUTION:		TYPE VS
MAX CD, 90 DEG VERT:		21.0
MAX CD, 80 TO <90 DEG:		41.0
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	427.2	45.7%
DOWNWARD HOUSE SIDE:	427.2	45.7%
DOWNWARD TOTAL:	854.3	91.4%
UPWARD STREET SIDE:	40.6	4.3%
UPWARD HOUSE SIDE:	40.6	4.3%
UPWARD TOTAL:	81.2	8.7%
TOTAL LUMENS:	935.5	100%

LCS TABLE

BUG RATING	B0 - U3 - G1	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	108.6	11.6%
MEDIUM(30-60):	215.2	23%
HIGH(60-80):	88.1	9.4%
VERY HIGH(80-90):	15.3	1.6%
BACK LIGHT		
LOW(0-30):	108.6	11.6%
MEDIUM(30-60):	215.2	23%
HIGH(60-80):	88.1	9.4%
VERY HIGH(80-90):	15.3	1.6%
UPLIGHT		
LOW(90-100):	19.2	2.1%
HIGH(100-180):	62.0	6.6%
TRAPPED LIGHT:	0.000	0%



CANDELA TABLE - TYPE C

	0	22.5	45	67.5	90
0	277	277	277	277	277
5	276	274	274	274	274
10	270	272	271	270	271
15	266	267	267	265	267
20	261	263	263	261	261
25	252	251	252	249	250
30	241	240	241	238	238
35	226	228	226	227	226
40	212	211	212	210	212
45	193	194	193	193	193
50	177	176	178	180	176
55	157	154	157	156	154
60	131	132	135	133	130
65	113	111	112	111	112
70	87	88	88	87	86
75	62	64	63	62	61
80	38	40	41	39	37
85	26	26	27	26	25
90	20	21	20	21	20
95	17	18	17	18	17
100	12	15	15	16	15
105	18	18	19	18	18
110	15	16	17	16	16
115	15	17	17	17	16
120	12	13	13	15	13
125	12	12	15	12	11
130	11	11	10	11	11
135	10	8	8	8	8
140	10	12	10	11	11
145	8	8	8	8	7
150	4	5	4	5	5
155	7	11	11	8	7
160	5	5	5	5	6
165	7	6	6	5	5
170	2	3	2	2	1
175	5	7	7	6	5
180	4	4	4	4	4