

OUTDOOR PHOTOMETRIC REPORT

CATALOG: CTR-HV5-100W

Manufacturer:

Test #: SLP LIGHTING TEST NO. CTRFULLHAM100WFULLHAM96W2.4APOLYCLEAR

Test Lab: SLP LIGHTING ENGINEERING LAB

Catalog: CTR-HV5-100W

Description: 1 NEW ROUND 100 WATT BOARD FROM FULLHAM CITADEL ROUND CTR-LENS-PC
FULLHAM 96W

Lamp Catalog: FULLHAM 100W ROUND

Lamp Output: Total luminaire Lumens: 14073.3, **absolute photometry ***

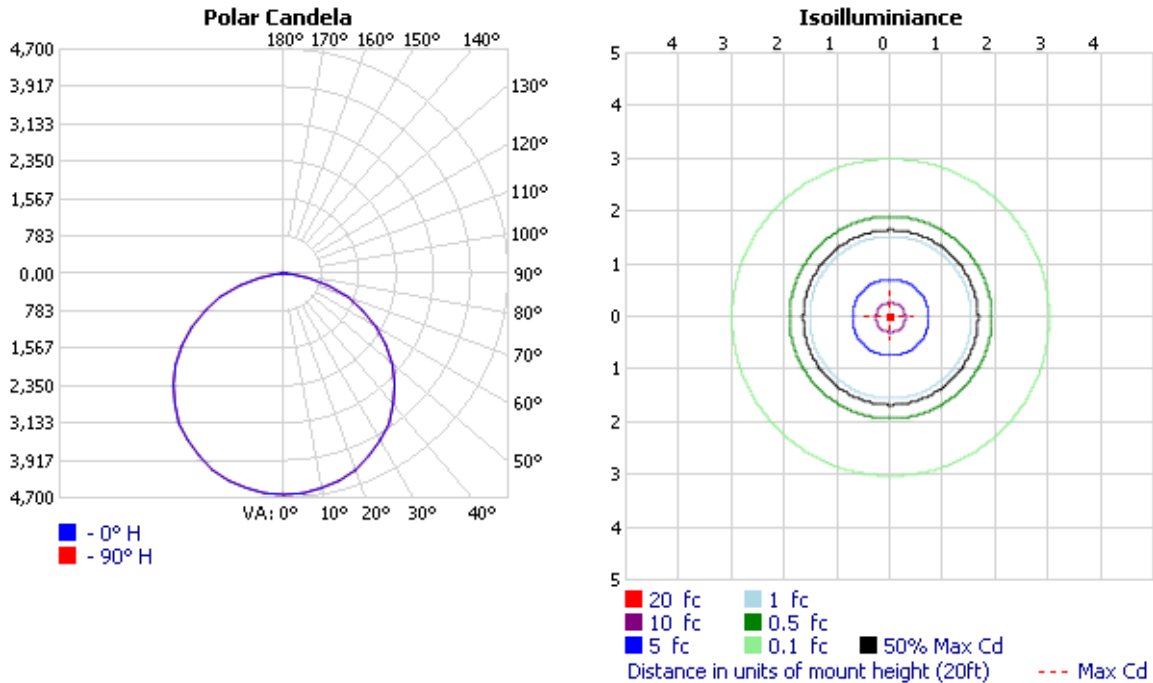
Input Wattage: 100

Luminous Opening: Rectangle w/Luminous Sides (L: 18", W: 18", H: 2")

Max Cd: 4,630.0 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	3,647.2	25.9%
0-40	6,038.4	42.9%
0-60	10,894.7	77.4%
60-90	3,089.2	22%
70-100	1,348.7	9.6%
90-120	89.4	0.6%
0-90	13,983.9	99.4%
90-180	89.4	0.6%
0-180	14,073.3	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	438.6	3.1%	90-100	60.0	0.4%
10-20	1,266.8	9.0%	100-110	29.3	0.2%
20-30	1,941.8	13.8%	110-120	0.000	0%
30-40	2,391.2	17.0%	120-130	0.000	0%
40-50	2,526.9	18.0%	130-140	0.000	0%
50-60	2,329.5	16.6%	140-150	0.000	0%
60-70	1,800.5	12.8%	150-160	0.000	0%
70-80	1,019.4	7.2%	160-170	0.000	0%
80-90	269.3	1.9%	170-180	0.000	0%

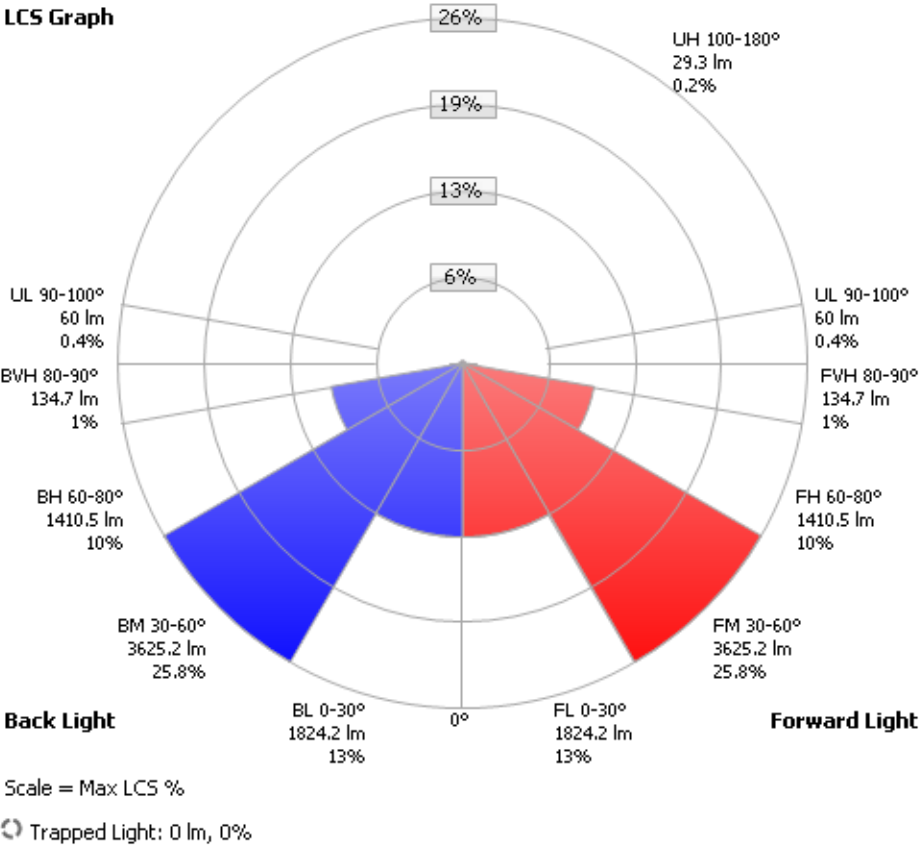
Roadway Summary

Distribution:	Type VS
Max Cd, 90 Deg Vert:	70.0
Max Cd, 80 to <90 Deg:	520.0
	Lumens % Lamp
Downward Street Side:	6,994.6 49.7%
Downward House Side:	6,994.6 49.7%
Downward Total:	13,989.2 99.4%
Upward Street Side:	44.7 0.3%
Upward House Side:	44.7 0.3%
Upward Total:	89.3 0.6%
Total Lumens:	14,078.5 100%

LCS Table

BUG Rating	B3 - U3 - G2	
Forward Light	Lumens	Lumens %
Low(0-30):	1,824.2	13%
Medium(30-60):	3,625.2	25.8%
High(60-80):	1,410.5	10%
Very High(80-90):	134.7	1%
Back Light		
Low(0-30):	1,824.2	13%
Medium(30-60):	3,625.2	25.8%
High(60-80):	1,410.5	10%
Very High(80-90):	134.7	1%
Uplight		
Low(90-100):	60.0	0.4%
High(100-180):	29.3	0.2%
Trapped Light:	0.000	0%

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Candela Table - Type C

	0	15	30	45	60	75	90
0	4630	4630	4630	4630	4630	4630	4630
5	4620	4620	4620	4620	4620	4620	4620
10	4560	4560	4560	4560	4560	4560	4560
15	4490	4490	4490	4490	4490	4490	4490
20	4380	4380	4380	4380	4380	4380	4380
25	4210	4210	4210	4210	4210	4210	4210
30	4030	4030	4030	4030	4030	4030	4030
35	3840	3840	3840	3840	3840	3840	3840
40	3560	3560	3560	3560	3560	3560	3560
45	3280	3280	3280	3280	3280	3280	3280
50	2970	2970	2970	2970	2970	2970	2970
55	2610	2610	2610	2610	2610	2610	2610
60	2230	2230	2230	2230	2230	2230	2230
65	1810	1810	1810	1810	1810	1810	1810
70	1430	1430	1430	1430	1430	1430	1430
75	960	960	960	960	960	960	960
80	520	520	520	520	520	520	520
85	200	200	200	200	200	200	200
90	70	70	70	70	70	70	70
95	50	50	50	50	50	50	50
100	50	50	50	50	50	50	50
105	30	30	30	30	30	30	30
110	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0