

**OUTDOOR PHOTOMETRIC REPORT**

CATALOG: CTR-HV5-100W

**Manufacturer:**

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

Test Lab: SLP LIGHTING ENGINEERING LAB

Catalog: CTR-HV5-100W

Description: 1 NEW ROUND 100 WATT BOARD FROM FULLHAM CITADEL ROUND NONE FULLHAM 96W

Lamp Catalog: FULLHAM 100W ROUND

Lamp Output: Total luminaire Lumens: 14367, **absolute photometry \***

Input Wattage: 100

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

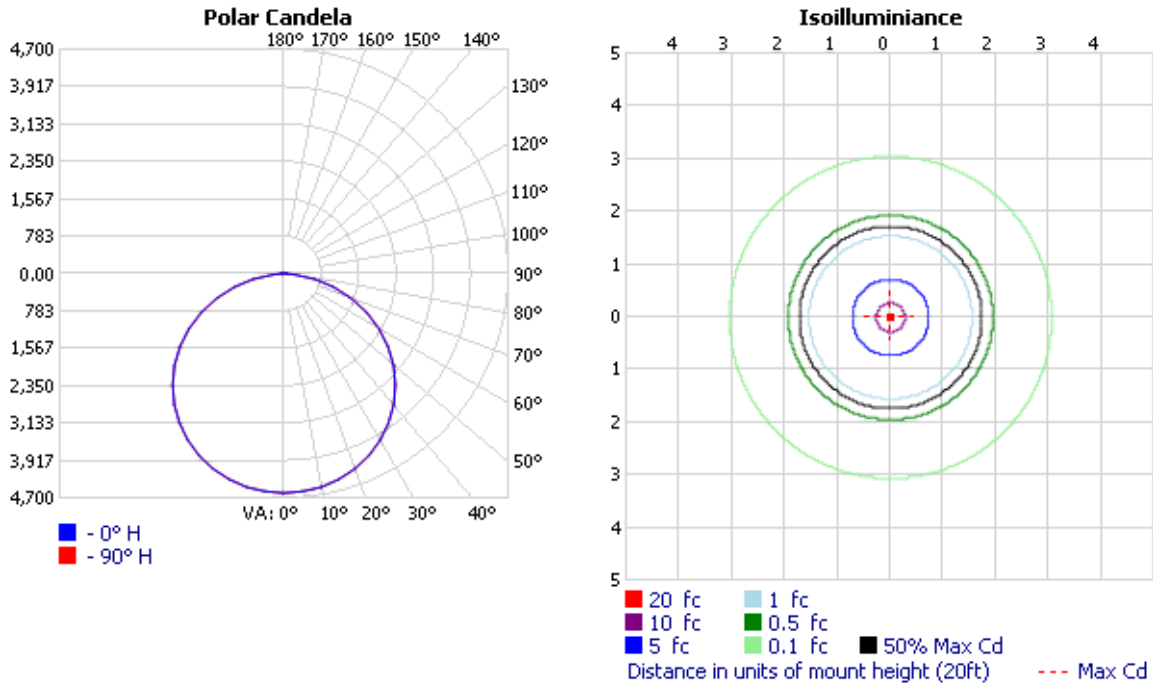
Max Cd: 4,600.0 at Horizontal: 0°, Vertical: 0°

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	3,633.3	25.3%
0-40	6,021.7	41.9%
0-60	10,940.8	76.2%
60-90	3,339.5	23.2%
70-100	1,514.5	10.5%
90-120	86.6	0.6%
0-90	14,280.3	99.4%
90-180	86.6	0.6%
0-180	14,367.0	100%

**Lumens Per Zone**

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	435.6	3.0%	90-100	57.3	0.4%
10-20	1,258.8	8.8%	100-110	29.3	0.2%
20-30	1,938.8	13.5%	110-120	0.000	0%
30-40	2,388.4	16.6%	120-130	0.000	0%
40-50	2,544.4	17.7%	130-140	0.000	0%
50-60	2,374.7	16.5%	140-150	0.000	0%
60-70	1,882.4	13.1%	150-160	0.000	0%
70-80	1,130.8	7.9%	160-170	0.000	0%
80-90	326.3	2.3%	170-180	0.000	0%

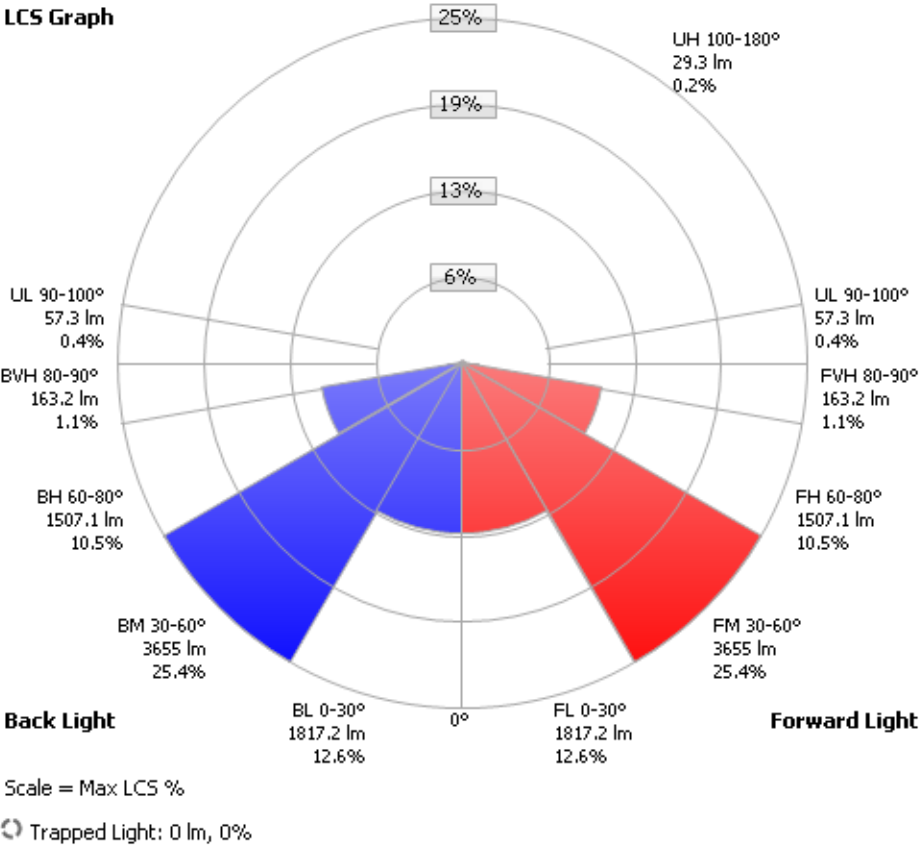
**Roadway Summary**

Distribution:	Type VS
Max Cd, 90 Deg Vert:	60.0
Max Cd, 80 to <90 Deg:	660.0
	Lumens % Lamp
Downward Street Side:	7,142.6 49.7%
Downward House Side:	7,142.6 49.7%
Downward Total:	14,285.3 99.4%
Upward Street Side:	43.3 0.3%
Upward House Side:	43.3 0.3%
Upward Total:	86.6 0.6%
Total Lumens:	14,371.9 100%

**LCS Table**

BUG Rating	B3 - U3 - G2	
Forward Light	Lumens	Lumens %
Low(0-30):	1,817.2	12.6%
Medium(30-60):	3,655.0	25.4%
High(60-80):	1,507.1	10.5%
Very High(80-90):	163.2	1.1%
Back Light		
Low(0-30):	1,817.2	12.6%
Medium(30-60):	3,655.0	25.4%
High(60-80):	1,507.1	10.5%
Very High(80-90):	163.2	1.1%
Uplight		
Low(90-100):	57.3	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	4600	4600	4600	4600	4600	4600	4600
5	4580	4580	4580	4580	4580	4580	4580
10	4540	4540	4540	4540	4540	4540	4540
15	4460	4460	4460	4460	4460	4460	4460
20	4350	4350	4350	4350	4350	4350	4350
25	4210	4210	4210	4210	4210	4210	4210
30	4030	4030	4030	4030	4030	4030	4030
35	3820	3820	3820	3820	3820	3820	3820
40	3580	3580	3580	3580	3580	3580	3580
45	3300	3300	3300	3300	3300	3300	3300
50	3000	3000	3000	3000	3000	3000	3000
55	2660	2660	2660	2660	2660	2660	2660
60	2300	2300	2300	2300	2300	2300	2300
65	1910	1910	1910	1910	1910	1910	1910
70	1490	1490	1490	1490	1490	1490	1490
75	1070	1070	1070	1070	1070	1070	1070
80	660	660	660	660	660	660	660
85	240	240	240	240	240	240	240
90	60	60	60	60	60	60	60
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