

OUTDOOR PHOTOMETRIC REPORT

CATALOG: CTR-HV5-100W

Manufacturer:

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

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: 11950.5, **absolute photometry ***

Input Wattage: 100

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

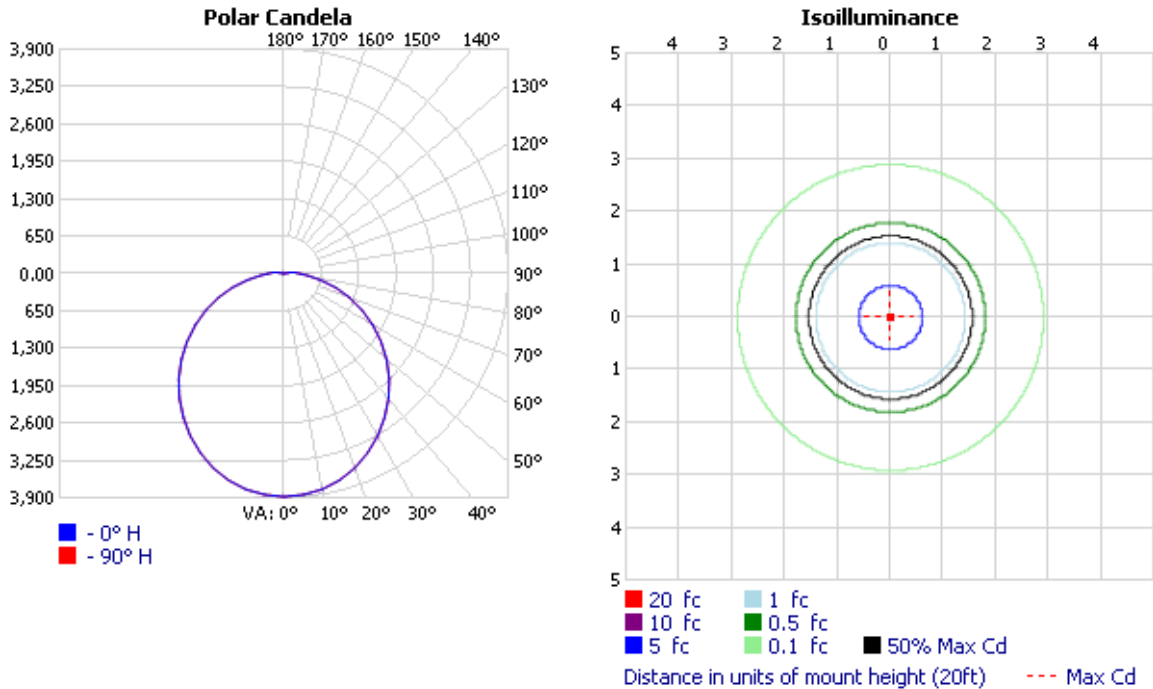
Max Cd: 3,880.0 at Horizontal: 0°, Vertical: 0°

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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VISUAL PHOTOMETRIC TOOL

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Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2,999.6	25.1%
0-40	4,907.7	41.1%
0-60	8,743.5	73.2%
60-90	2,951.2	24.7%
70-100	1,682.1	14.1%
90-120	255.8	2.1%
0-90	11,694.7	97.9%
90-180	255.8	2.1%
0-180	11,950.5	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	366.5	3.1%	90-100	213.1	1.8%
10-20	1,048.7	8.8%	100-110	42.8	0.4%
20-30	1,584.4	13.3%	110-120	0.000	0%
30-40	1,908.1	16.0%	120-130	0.000	0%
40-50	1,995.6	16.7%	130-140	0.000	0%
50-60	1,840.2	15.4%	140-150	0.000	0%
60-70	1,482.2	12.4%	150-160	0.000	0%
70-80	981.3	8.2%	160-170	0.000	0%
80-90	487.7	4.1%	170-180	0.000	0%

Roadway Summary

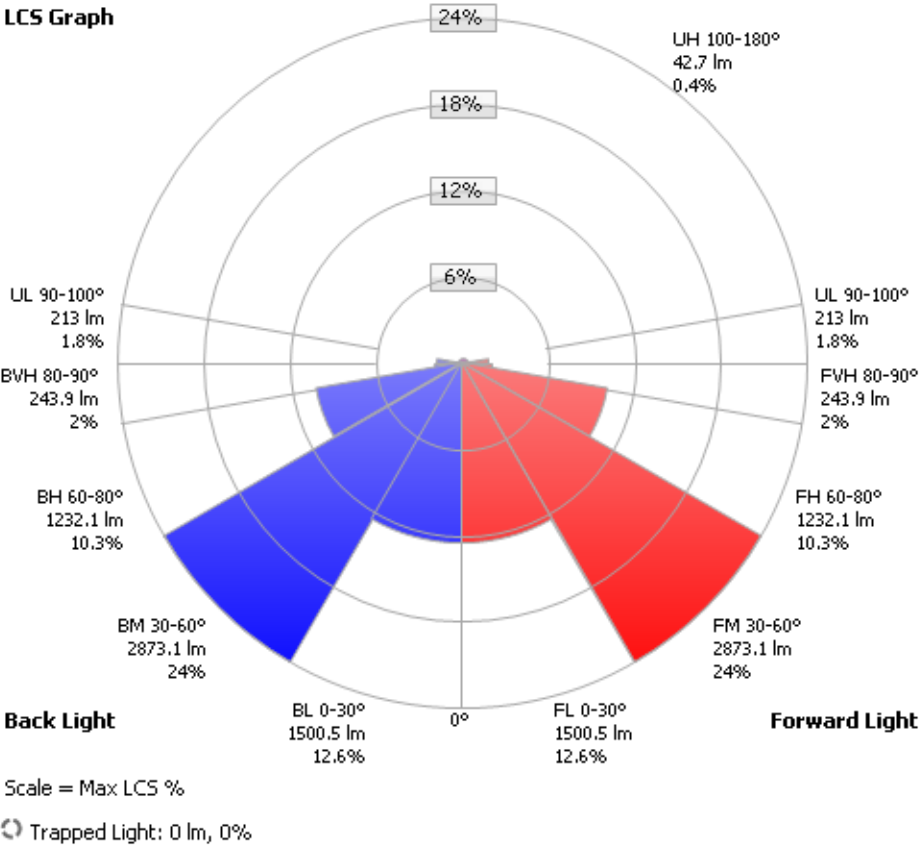
Distribution:	Type VS
Max Cd, 90 Deg Vert:	280.0
Max Cd, 80 to <90 Deg:	650.0
	Lumens % Lamp
Downward Street Side:	5,849.5 48.9%
Downward House Side:	5,849.5 48.9%
Downward Total:	11,699.0 97.9%
Upward Street Side:	127.9 1.1%
Upward House Side:	127.9 1.1%
Upward Total:	255.7 2.1%
Total Lumens:	11,954.7 100%

LCS Table

BUG Rating	B3 - U3 - G3	
Forward Light	Lumens	Lumens %
Low(0-30):	1,500.5	12.6%
Medium(30-60):	2,873.1	24%
High(60-80):	1,232.1	10.3%
Very High(80-90):	243.9	2%
Back Light		
Low(0-30):	1,500.5	12.6%
Medium(30-60):	2,873.1	24%
High(60-80):	1,232.1	10.3%
Very High(80-90):	243.9	2%
Uplight		
Low(90-100):	213.0	1.8%
High(100-180):	42.7	0.4%
Trapped Light:	0.000	0%



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Candela Table - Type C

	0	15	30	45	60	75	90
0	3880	3880	3880	3880	3880	3880	3880
5	3860	3860	3860	3860	3860	3860	3860
10	3810	3810	3810	3810	3810	3810	3810
15	3720	3720	3720	3720	3720	3720	3720
20	3600	3600	3600	3600	3600	3600	3600
25	3440	3440	3440	3440	3440	3440	3440
30	3260	3260	3260	3260	3260	3260	3260
35	3050	3050	3050	3050	3050	3050	3050
40	2830	2830	2830	2830	2830	2830	2830
45	2590	2590	2590	2590	2590	2590	2590
50	2330	2330	2330	2330	2330	2330	2330
55	2060	2060	2060	2060	2060	2060	2060
60	1780	1780	1780	1780	1780	1780	1780
65	1500	1500	1500	1500	1500	1500	1500
70	1210	1210	1210	1210	1210	1210	1210
75	930	930	930	930	930	930	930
80	650	650	650	650	650	650	650
85	430	430	430	430	430	430	430
90	280	280	280	280	280	280	280
95	200	200	200	200	200	200	200
100	100	100	100	100	100	100	100
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