

OUTDOOR PHOTOMETRIC REPORT

CATALOG: CTR-HV5-100W

Manufacturer:

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

Test Lab: SLP LIGHTING ENGINEERING LAB

Catalog: CTR-HV5-100W

Description: 1 NEW ROUND 100 WATT BOARD FROM FULLHAM FULHAM 95W DRIVER AND ACRYLIC FROST LENS CITADEL ROUND CTR-LENS-AC-FROST FULLHAM 96W

Lamp Catalog: FULLHAM 100W ROUND

Lamp Output: Total luminaire Lumens: 12028.4, **absolute photometry ***

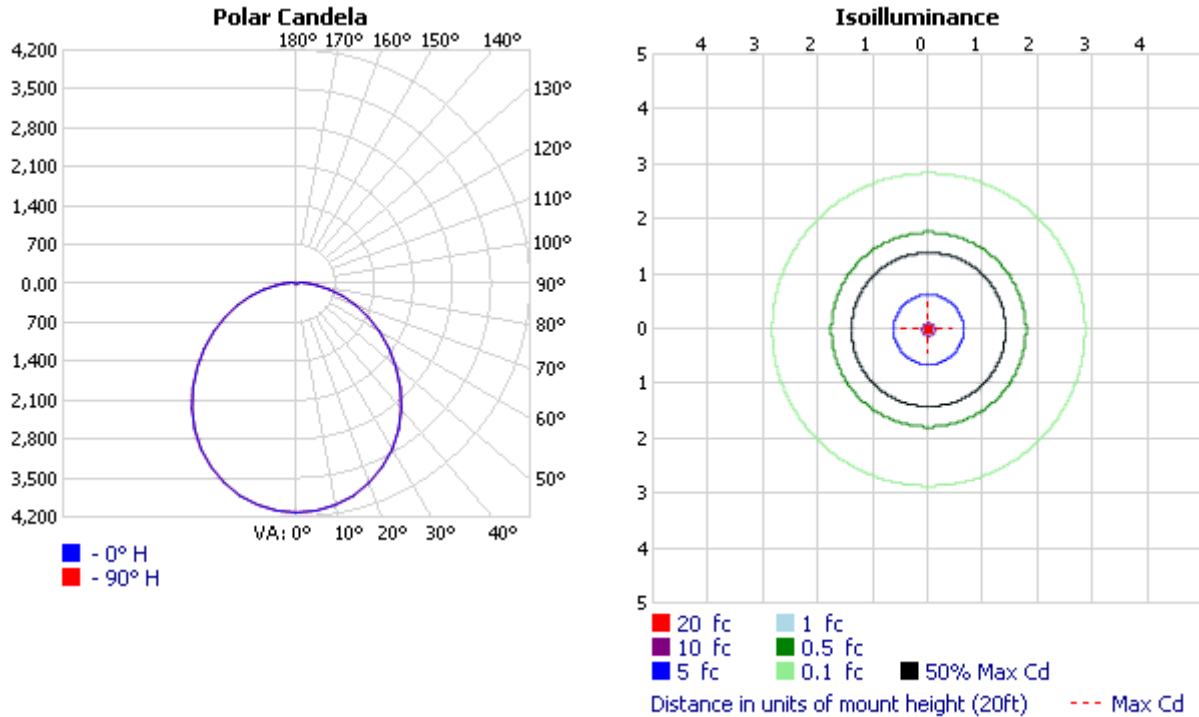
Input Wattage: 100

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

Max Cd: 4,120.0 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 2021, Acuity Brands Lighting.

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VISUAL PHOTOMETRIC TOOL

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Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	3,176.5	26.4%
0-40	5,174.5	43%
0-60	9,020.2	75%
60-90	2,758.6	22.9%
70-100	1,531.5	12.7%
90-120	249.6	2.1%
0-90	11,778.8	97.9%
90-180	249.6	2.1%
0-180	12,028.4	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	389.0	3.2%	90-100	183.0	1.5%
10-20	1,112.2	9.2%	100-110	66.6	0.6%
20-30	1,675.3	13.9%	110-120	0.000	0%
30-40	1,998.0	16.6%	120-130	0.000	0%
40-50	2,033.0	16.9%	130-140	0.000	0%
50-60	1,812.7	15.1%	140-150	0.000	0%
60-70	1,410.1	11.7%	150-160	0.000	0%
70-80	912.6	7.6%	160-170	0.000	0%
80-90	435.9	3.6%	170-180	0.000	0%

Roadway Summary

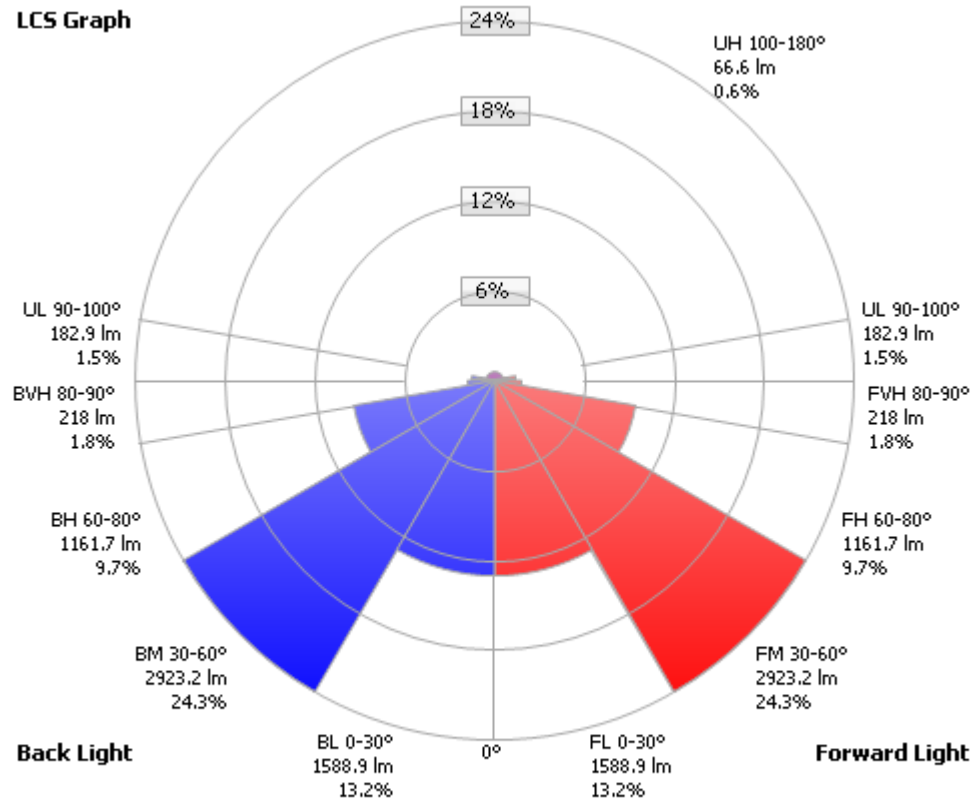
Distribution:		Type VS
Max Cd, 90 Deg Vert:		240.0
Max Cd, 80 to <90 Deg:		600.0
	Lumens	% Lamp
Downward Street Side:	5,891.9	49%
Downward House Side:	5,891.9	49%
Downward Total:	11,783.7	98%
Upward Street Side:	124.8	1%
Upward House Side:	124.8	1%
Upward Total:	249.5	2.1%
Total Lumens:	12,033.2	100%

LCS Table

BUG Rating	B3 - U3 - G2	
Forward Light	Lumens	Lumens %
Low(0-30):	1,588.9	13.2%
Medium(30-60):	2,923.2	24.3%
High(60-80):	1,161.7	9.7%
Very High(80-90):	218.0	1.8%
Back Light		
Low(0-30):	1,588.9	13.2%
Medium(30-60):	2,923.2	24.3%
High(60-80):	1,161.7	9.7%
Very High(80-90):	218.0	1.8%
Uplight		
Low(90-100):	182.9	1.5%
High(100-180):	66.6	0.6%
Trapped Light:	0.000	0%

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LCS Graph



Back Light

Forward Light

Scale = Max LCS %

Trapped Light: 0 lm, 0%

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Candela Table - Type C

	0	15	30	45	60	75	90
0	4120	4120	4120	4120	4120	4120	4120
5	4100	4100	4100	4100	4100	4100	4100
10	4040	4040	4040	4040	4040	4040	4040
15	3950	3950	3950	3950	3950	3950	3950
20	3810	3810	3810	3810	3810	3810	3810
25	3640	3640	3640	3640	3640	3640	3640
30	3440	3440	3440	3440	3440	3440	3440
35	3200	3200	3200	3200	3200	3200	3200
40	2930	2930	2930	2930	2930	2930	2930
45	2640	2640	2640	2640	2640	2640	2640
50	2330	2330	2330	2330	2330	2330	2330
55	2030	2030	2030	2030	2030	2030	2030
60	1720	1720	1720	1720	1720	1720	1720
65	1420	1420	1420	1420	1420	1420	1420
70	1140	1140	1140	1140	1140	1140	1140
75	860	860	860	860	860	860	860
80	600	600	600	600	600	600	600
85	380	380	380	380	380	380	380
90	240	240	240	240	240	240	240
95	160	160	160	160	160	160	160
100	110	110	110	110	110	110	110
105	70	70	70	70	70	70	70
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