

OUTDOOR PHOTOMETRIC REPORT

CATALOG: CTR-HV5-100W

Manufacturer:

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

Test Lab: SLP LIGHTING ENGINEERING LAB

Catalog: CTR-HV5-100W

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

Lamp Catalog: FULLHAM 100W ROUND

Lamp Output: Total luminaire Lumens: 12416.1, absolute photometry *

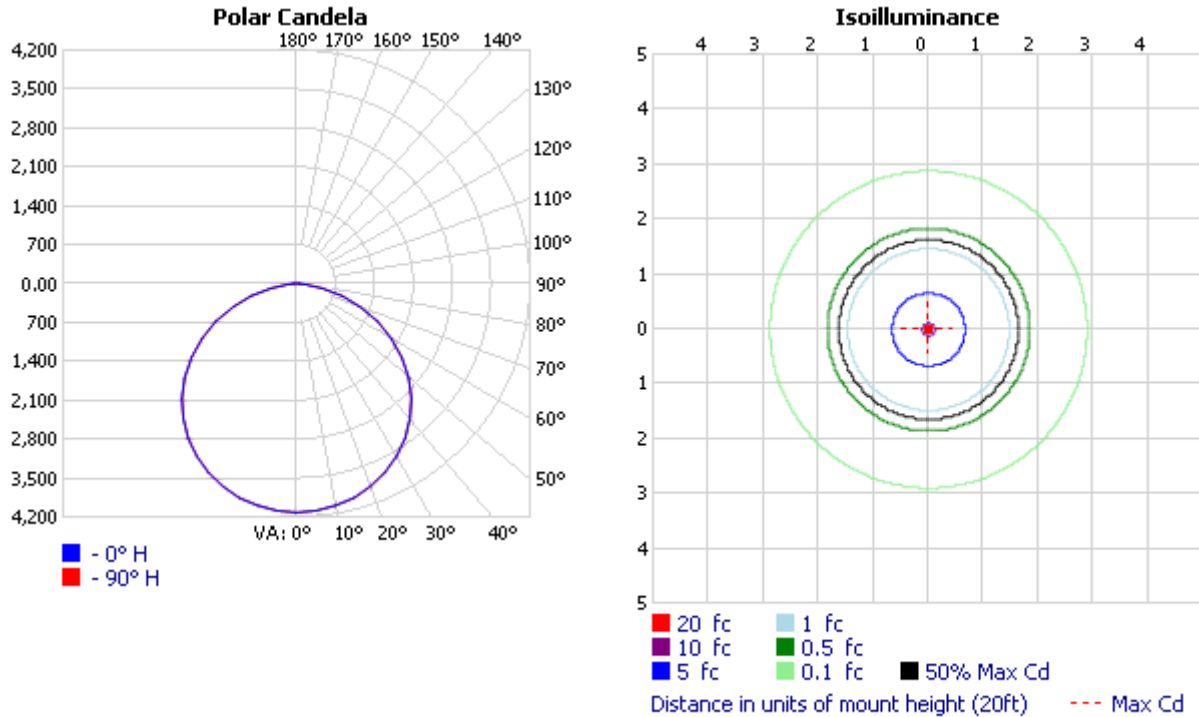
Input Wattage: 100

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	3,241.5	26.1%
0-40	5,364.9	43.2%
0-60	9,670.4	77.9%
60-90	2,701.9	21.8%
70-100	1,165.5	9.4%
90-120	43.7	0.4%
0-90	12,372.3	99.6%
90-180	43.7	0.4%
0-180	12,416.1	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	389.4	3.1%	90-100	43.7	0.4%
10-20	1,124.5	9.1%	100-110	0.000	0%
20-30	1,727.5	13.9%	110-120	0.000	0%
30-40	2,123.4	17.1%	120-130	0.000	0%
40-50	2,246.8	18.1%	130-140	0.000	0%
50-60	2,058.8	16.6%	140-150	0.000	0%
60-70	1,580.1	12.7%	150-160	0.000	0%
70-80	887.9	7.2%	160-170	0.000	0%
80-90	233.9	1.9%	170-180	0.000	0%

Roadway Summary

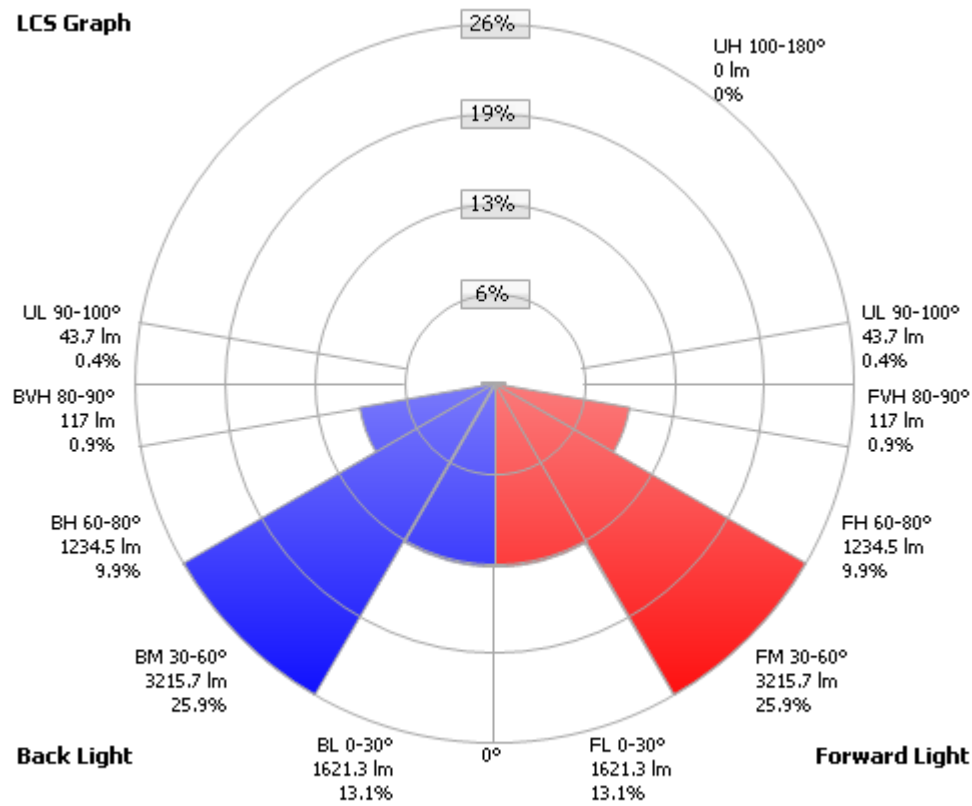
Distribution:		Type VS
Max Cd, 90 Deg Vert:		60.0
Max Cd, 80 to <90 Deg:		460.0
	Lumens	% Lamp
Downward Street Side:	6,188.5	49.8%
Downward House Side:	6,188.5	49.8%
Downward Total:	12,376.9	99.7%
Upward Street Side:	21.9	0.2%
Upward House Side:	21.9	0.2%
Upward Total:	43.7	0.4%
Total Lumens:	12,420.7	100%

LCS Table

BUG Rating	B3 - U2 - G2	
Forward Light	Lumens	Lumens %
Low(0-30):	1,621.3	13.1%
Medium(30-60):	3,215.7	25.9%
High(60-80):	1,234.5	9.9%
Very High(80-90):	117.0	0.9%
Back Light		
Low(0-30):	1,621.3	13.1%
Medium(30-60):	3,215.7	25.9%
High(60-80):	1,234.5	9.9%
Very High(80-90):	117.0	0.9%
Uplight		
Low(90-100):	43.7	0.4%
High(100-180):	0.000	0%
Trapped Light:	0.000	0%

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LCS Graph



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	4050	4050	4050	4050	4050	4050	4050
15	3990	3990	3990	3990	3990	3990	3990
20	3880	3880	3880	3880	3880	3880	3880
25	3750	3750	3750	3750	3750	3750	3750
30	3590	3590	3590	3590	3590	3590	3590
35	3400	3400	3400	3400	3400	3400	3400
40	3170	3170	3170	3170	3170	3170	3170
45	2920	2920	2920	2920	2920	2920	2920
50	2630	2630	2630	2630	2630	2630	2630
55	2310	2310	2310	2310	2310	2310	2310
60	1960	1960	1960	1960	1960	1960	1960
65	1610	1610	1610	1610	1610	1610	1610
70	1210	1210	1210	1210	1210	1210	1210
75	850	850	850	850	850	850	850
80	460	460	460	460	460	460	460
85	170	170	170	170	170	170	170
90	60	60	60	60	60	60	60
95	50	50	50	50	50	50	50
100	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0
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