

Project Number
15.00828



Date
5/20/2015

LAB 1

Test Sample Description

Catalog Number: P6085-3130K9
Description: WISH - 1-Lt. Med. LED Wall Lantern w/ HAL 17W Module

Test Method: IES LM-79-08 § 10
Preburn Time: 00:30
Time To Stabilize: 1:17
Total Operating Time: 2:34

Input Voltage (Volts): 120.0
Input Current (Amps): 0.149
Input Wattage (Watts): 16.6
Ambient Temp (°C): 25.2



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Checked: D. ROBBINS
Approved: M. WASHBURN





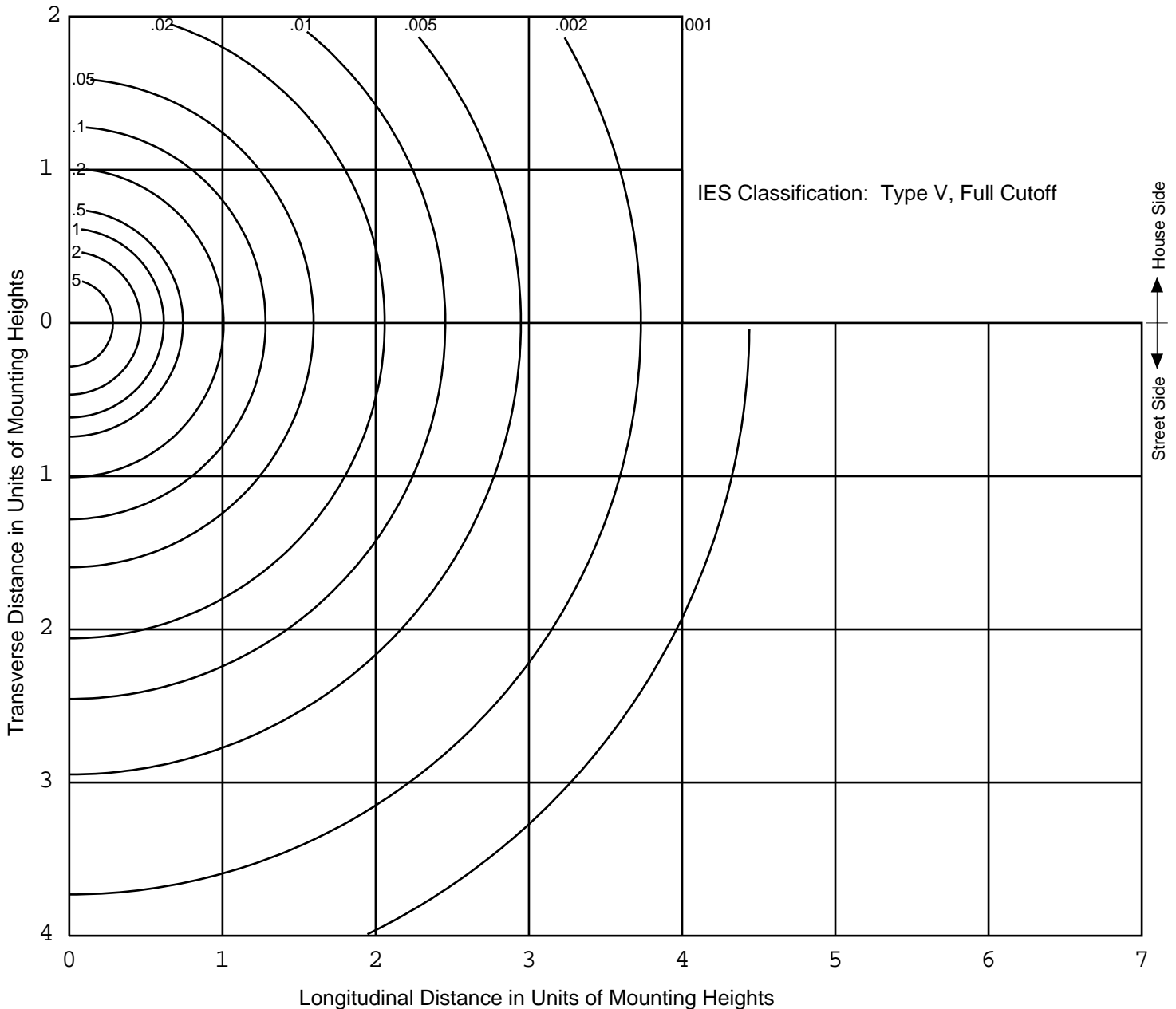
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ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION
Values based on 6.6 foot mounting height.

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CATALOG NUMBER: P6085-3130K9
LUMINAIRE: WISH - 1-Lt. Med. LED Wall
Lantern w/ HAL 17W Module
LAMP CAT. NO.: 93047261-4130
LAMP: 40 - NICHIA 3000K LEDs
REFRACTOR: Etched White Linen Glass
Shade Part# 93061284 w/ Metal
Cylinder painted Gloss White insert
MOUNTING: WALL
NOTE: DATA SHOWN IS ABSOLUTE FOR THE
SAMPLE PROVIDED.





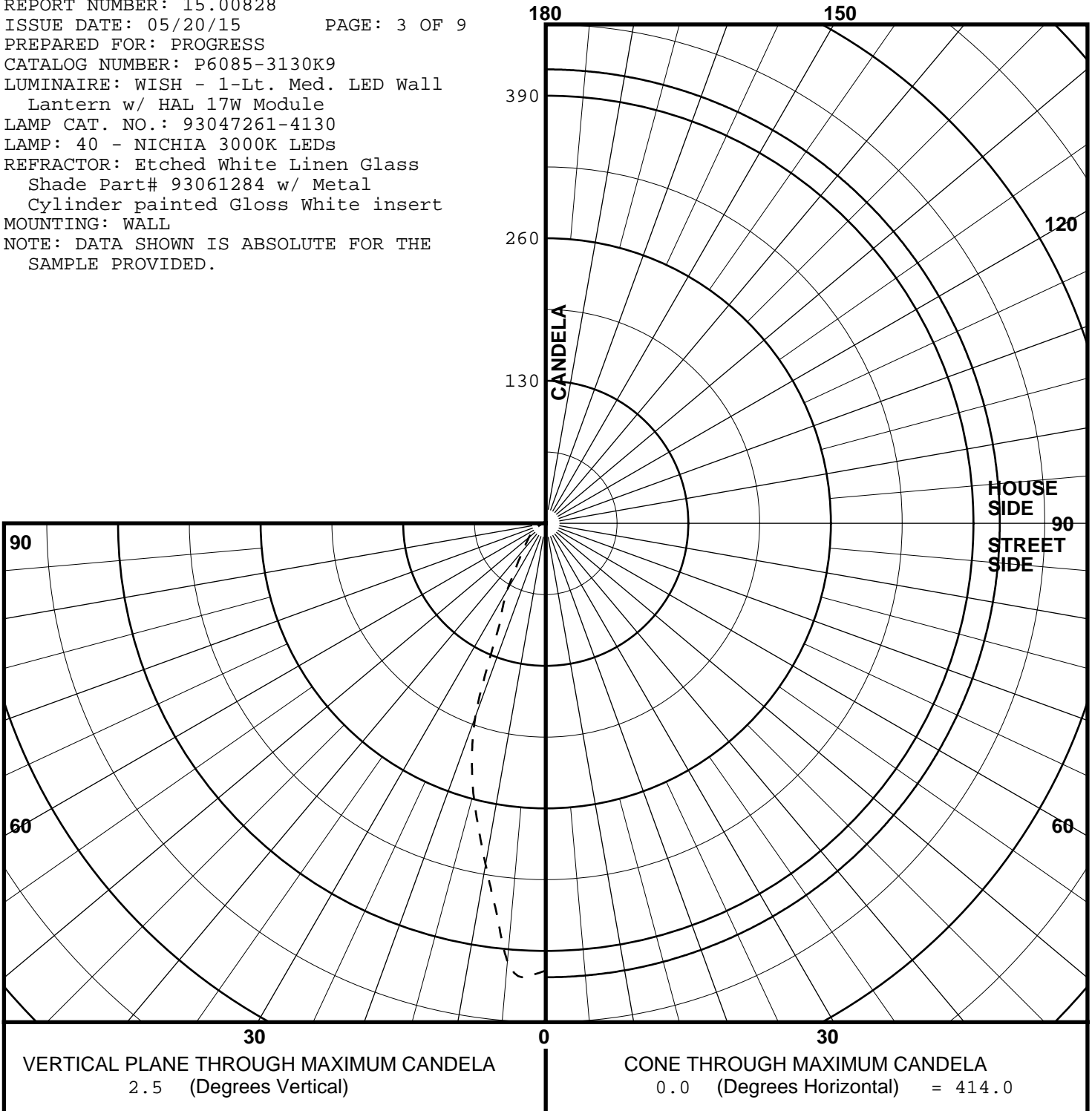
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MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

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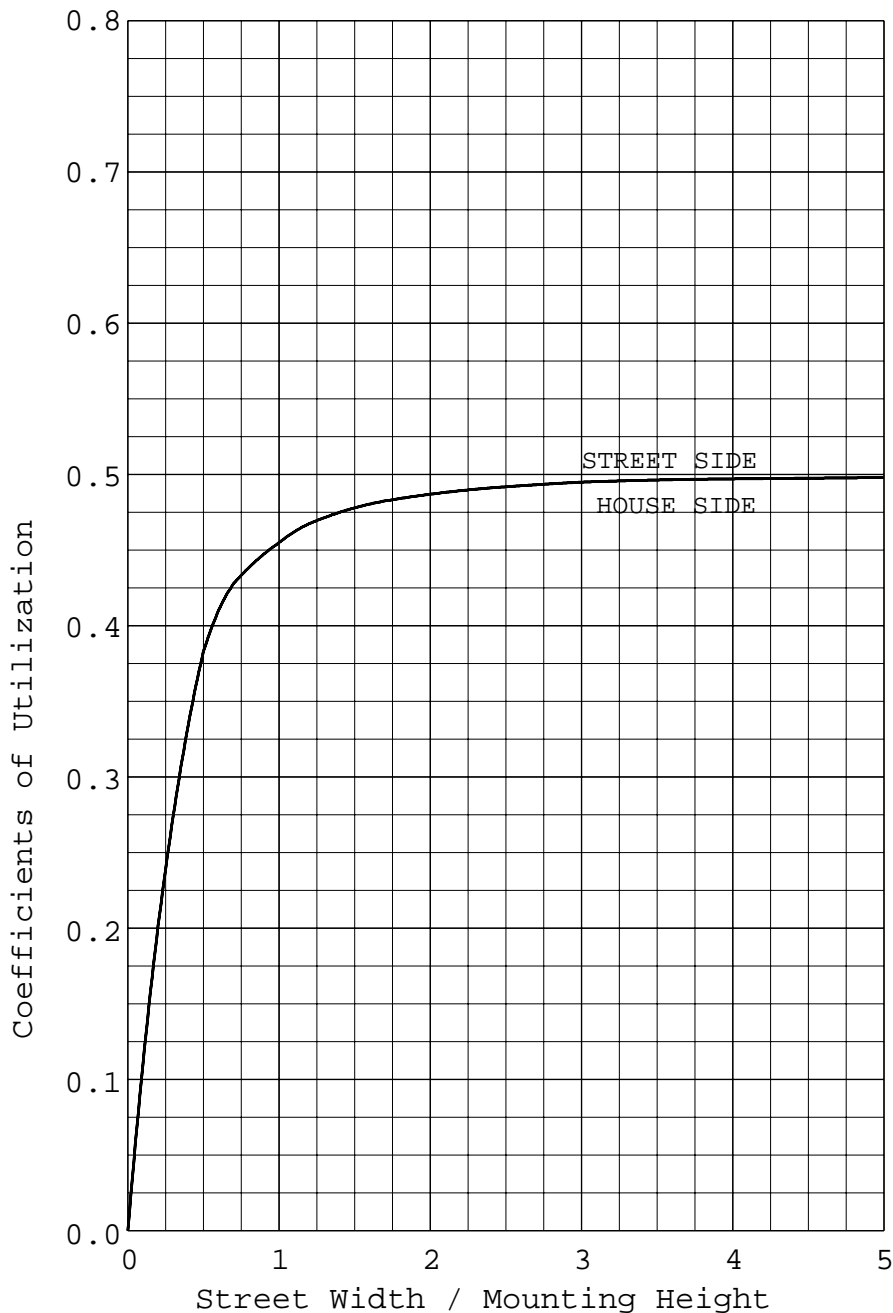
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	117.	50.0
DOWNWARD HOUSE SIDE	117.	50.0
DOWNWARD TOTAL	234.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	234.	100.0
TOTAL INPUT WATTS = 16.6		
EFFICACY = 14.1 Lm/W		

ALL CANDELA AND LUMENS IN THIS REPORT ARE BASED ON ABSOLUTE PHOTOMETRY. THE COEFFICIENT OF UTILIZATION VALUES ARE BASED ON THE TOTAL ABSOLUTE LUMEN OUTPUT OF THIS LUMINAIRE SAMPLE.

THIS REPORT IS BASED ON PUBLISHED INDUSTRY PROCEDURES. FIELD PERFORMANCE MAY DIFFER FROM LABORATORY PERFORMANCE.



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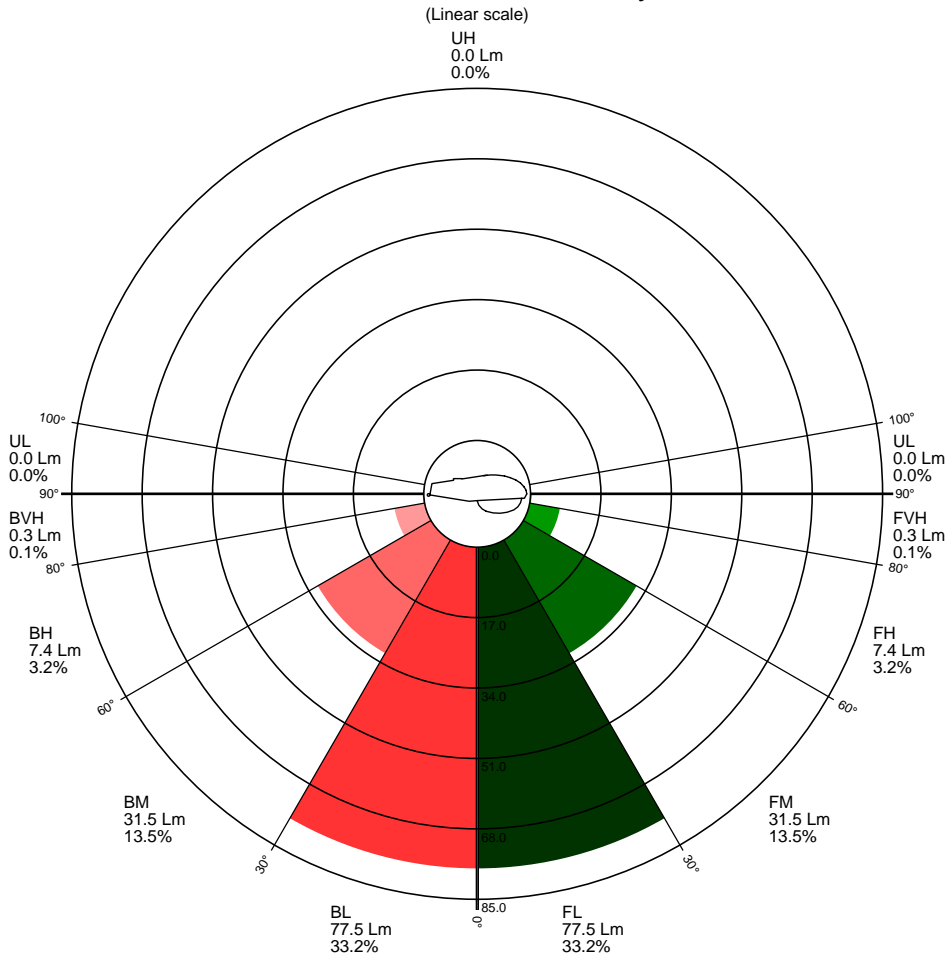


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BUG Rating:			B0 U0 G0					
Zonal Summary			Lumens	% of Fixture	Zone Ratings			
						B	U	G
Forward			117	50.0				
FL	(0° - 30°)		77.5	33.2				
FM	(30° - 60°)		31.5	13.5				
FH	(60° - 80°)		7.4	3.2			G0	
FVH	(80° - 90°)		0.3	0.1			G0	
Backward			117	50.0				
BL	(0° - 30°)		77.5	33.2	B0			
BM	(30° - 60°)		31.5	13.5	B0			
BH	(60° - 80°)		7.4	3.2	B0		G0	
BVH	(80° - 90°)		0.3	0.1			G0	
Upward			0	0.0				
UL	(90° - 100°)		0.0	0.0		U0		
UH	(100° - 180°)		0.0	0.0		U0		
Trapped Light			0	0.0				
Total Flux			234	100.0				

Zonal Lumen Summary





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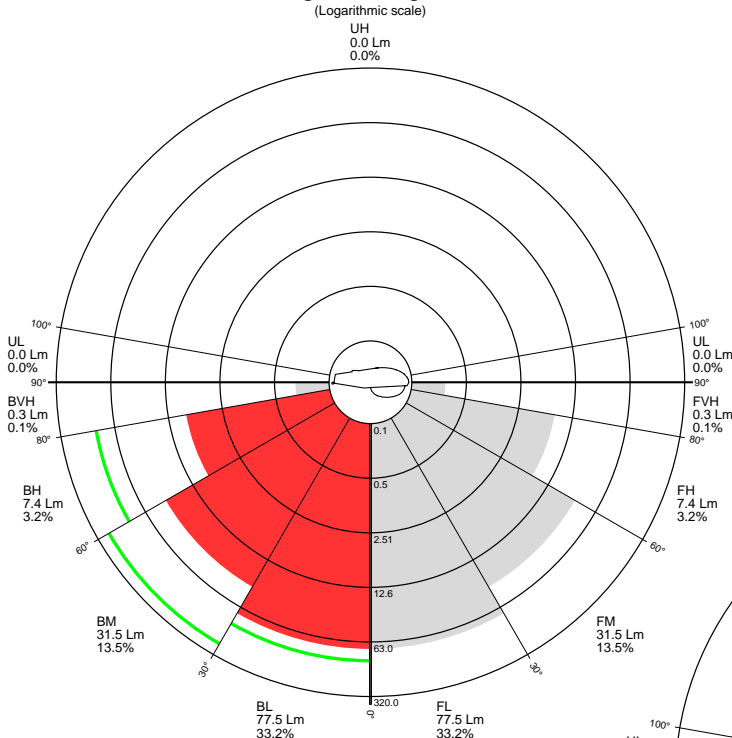
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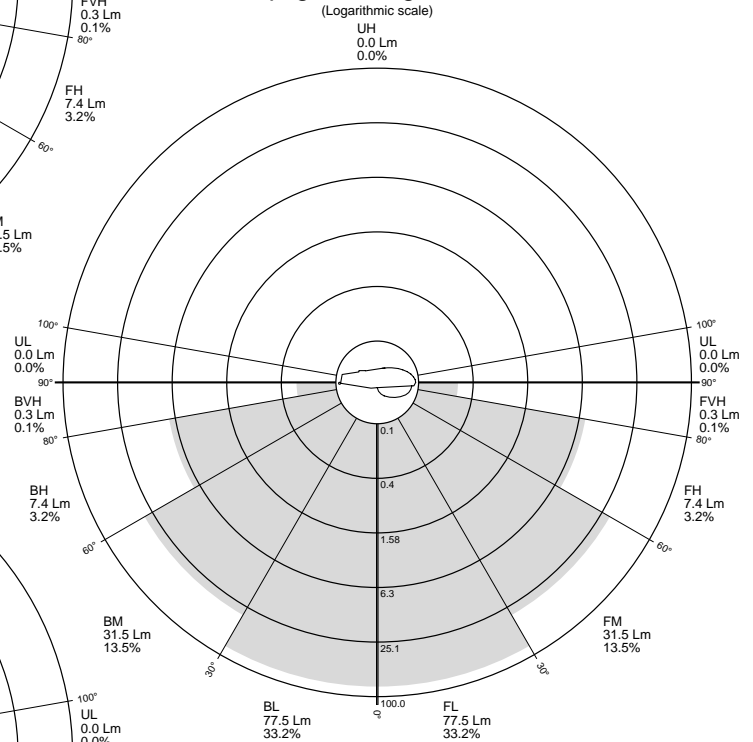
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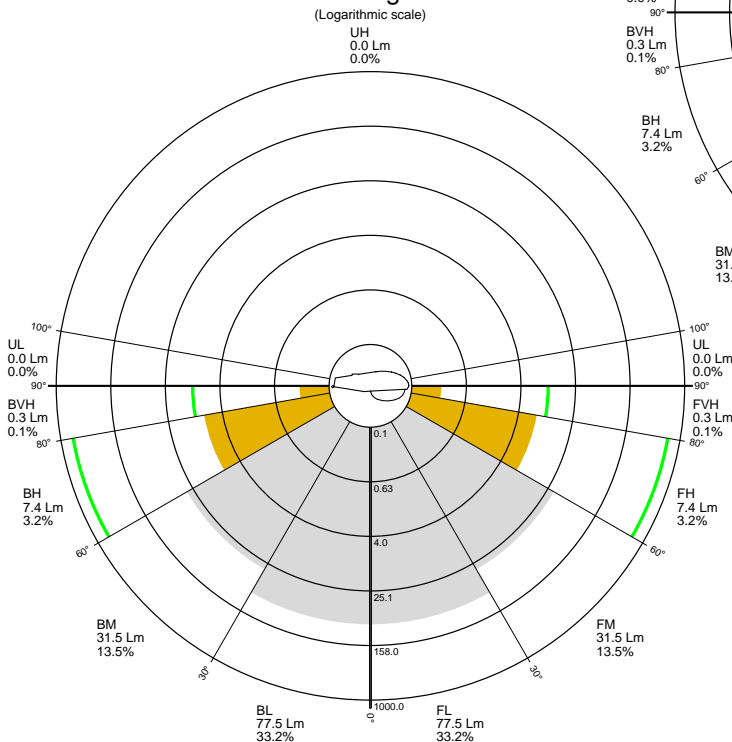
Backlight Rating Details



Uplight Rating Details



Glare Rating Details





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CANDELA TABULATION -- TYPE V

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90.0	0.
87.5	0.
85.0	0.
82.5	1.
80.0	2.
77.5	4.
75.0	5.
72.5	6.
70.0	7.
67.5	8.
65.0	10.
62.5	11.
60.0	13.
57.5	14.
55.0	16.
52.5	18.
50.0	20.
47.5	22.
45.0	25.
42.5	28.
40.0	33.
37.5	38.
35.0	45.
30.0	70.
25.0	98.
20.0	188.
15.0	255.
10.0	316.
5.0	401.
2.5	414.<<
0.0	408.

<< INDICATES MAXIMUM CANDELA



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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	10
5- 10	25
10- 15	34
15- 20	37
20- 25	29
25- 30	21
30- 35	16
35- 40	13
40- 45	11
45- 50	9
50- 55	8
55- 60	7
60- 65	5
65- 70	4
70- 75	3
75- 80	2
80- 85	1
85- 90	0

10-DEGREE
ZONAL LUMEN SUMMARY

0- 10	35
0- 20	105
0- 30	155
0- 40	184
0- 50	204
0- 60	218
0- 70	228
0- 80	233
0- 90	234

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Goniophotometer Calibration

Calibration Lamp: GE 1000W, 120V, T6, CL (FEL)

Lamp Number: ITL78966-1000-38

Calibration Current: 8.300 Amps DC

Total Luminous Flux: 25753.0 Lumens

Calibration Date: 12/02/2014

Test Equipment Used

<i>Instrument</i>	<i>Manufacturer / Model</i>	<i>S/N</i>	<i>Calibration Due:</i>
<i>Goniophotometer</i>	ITL / HLI LAB 1 - Test Distance: 31.75'	N/A	N/A
<i>Power Analyzer</i>	Yokogawa / WT 332	C2QA27071V	11/12/2015
<i>Power Source</i>	Voltage-Regulated House Power	N/A	N/A
<i>Thermometer</i>	National Instruments / USB-TC01	176F4E3	11/11/2015

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