



®

HUBBELL
Lighting

701 Millennium Blvd
Greenville, SC 29607
www.hubbellighting.com

REPORT NUMBER: 19.00971_RW

PAGE: 1 OF 9

ISSUE DATE: 06/06/19

PREPARED FOR: PROGRESS

CATALOG NUMBER: P560208-082-30

LUMINAIRE: 13" LED Outdoor Sconce w/ Acrylic Refractor

LAMP CAT. NO.: BXEN-30G-11M-3A

LAMP: 42- Bridgelux 3000K LEDs

MOUNTING: Wall

NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.



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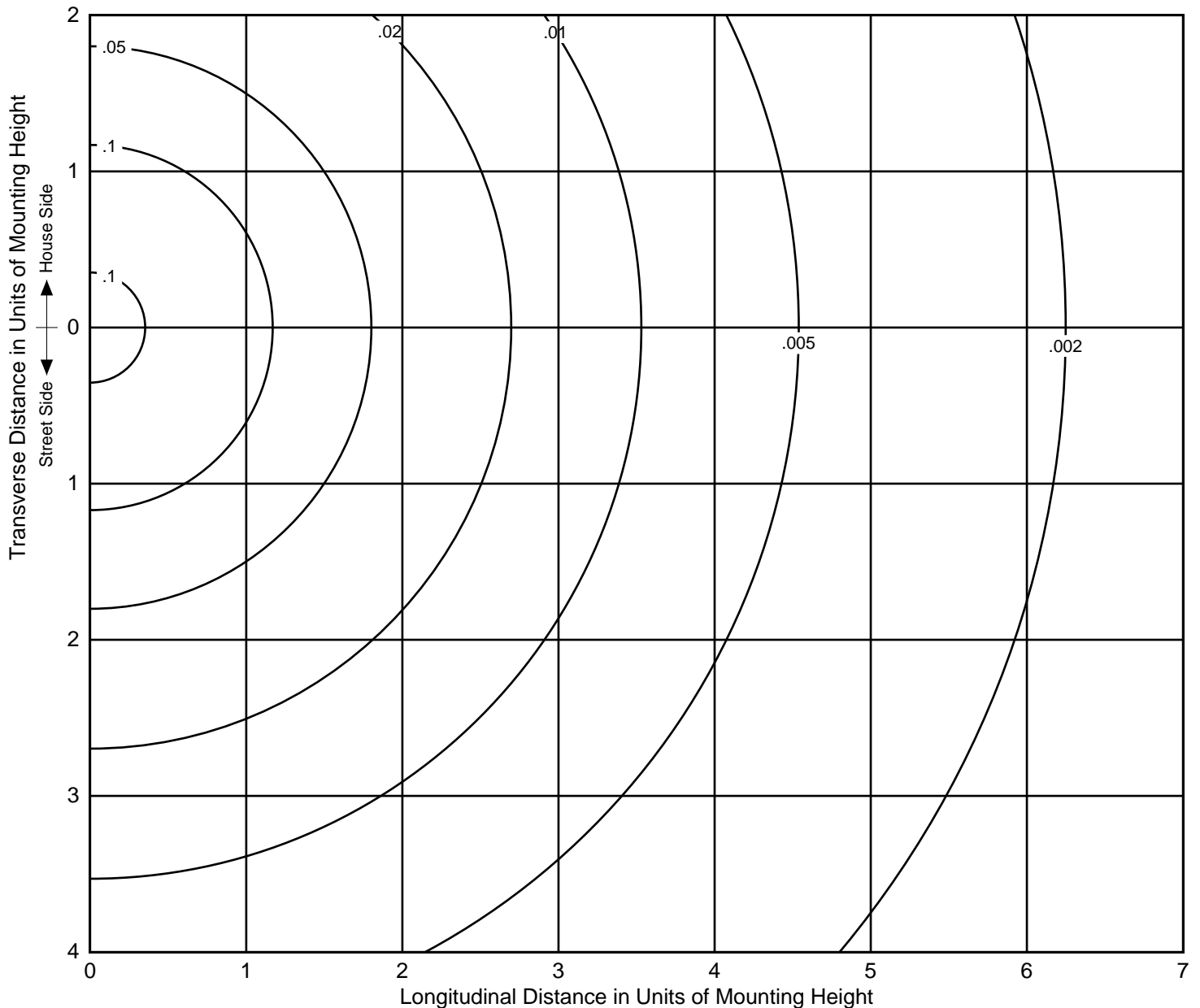
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ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION Values based on 10-foot mounting height

IES Classification: Type V
Cutoff Classification (deprecated): Noncutoff





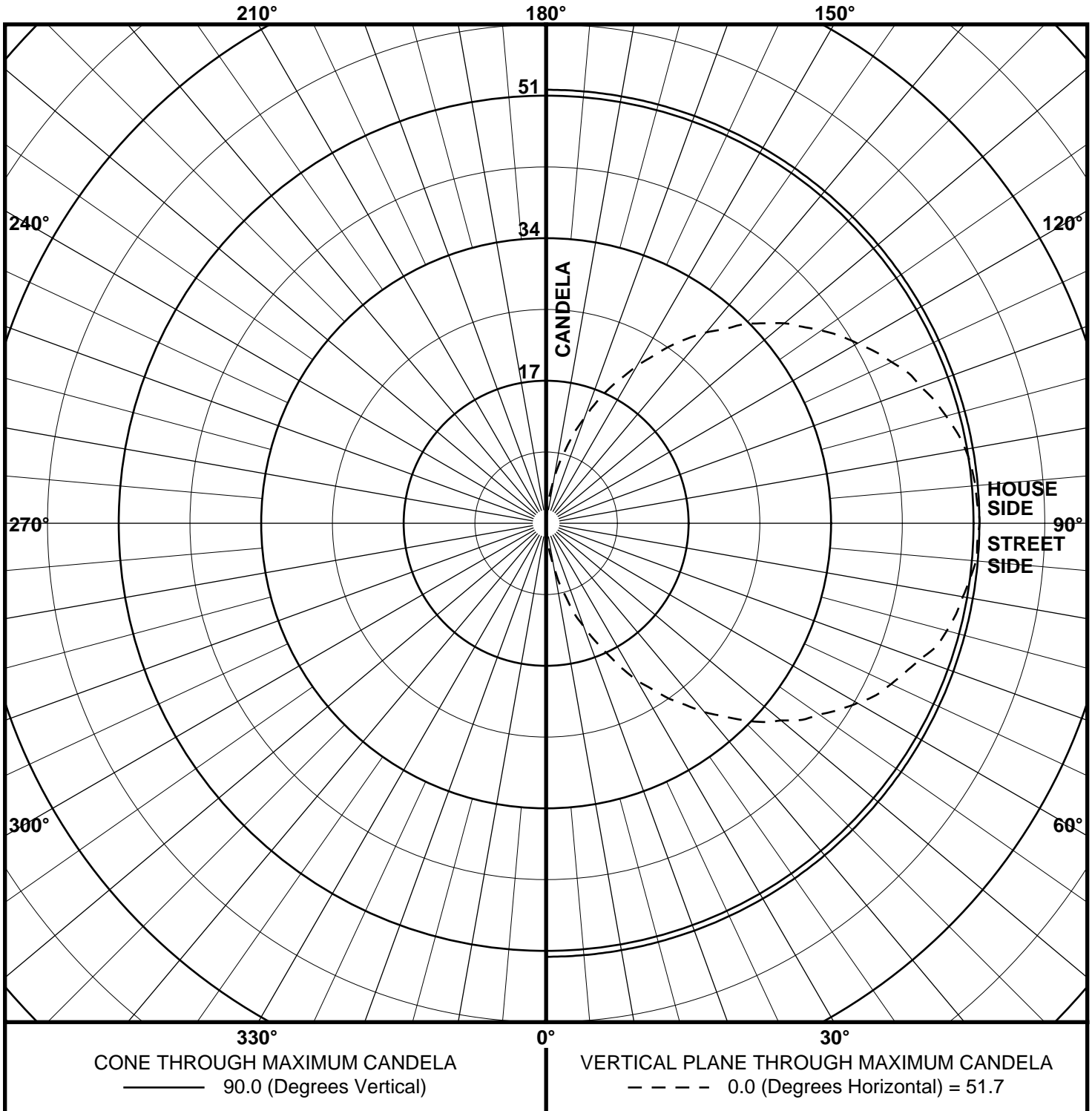
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MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

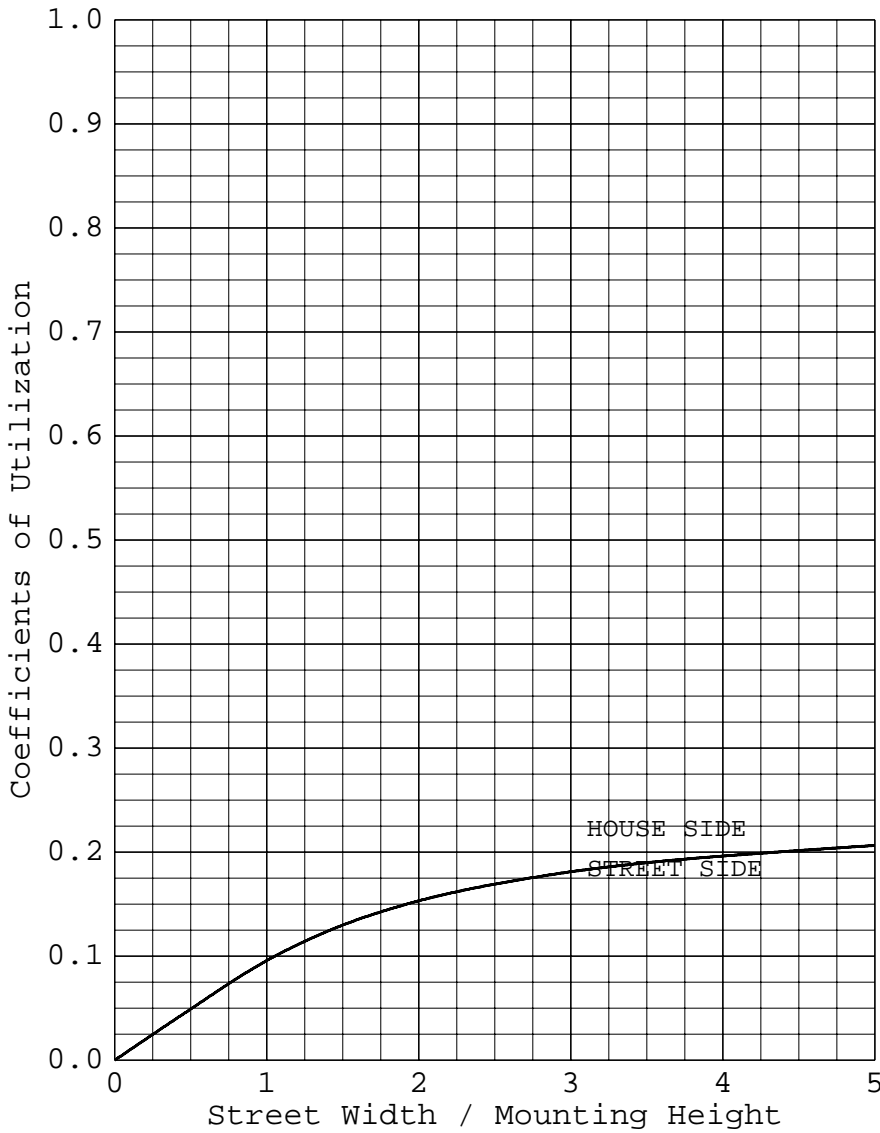




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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	121	24.9
DOWNWARD HOUSE SIDE	121	24.9
DOWNWARD TOTAL	242	49.9
UPWARD STREET SIDE	121	25.1
UPWARD HOUSE SIDE	121	25.1
UPWARD TOTAL	243	50.1
TOTAL FLUX	485	100.0

EFFICACY = 44.5 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.



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BUG Rating				B0	U3	G1
Zonal Summary				Zone Ratings		
				B	U	G
Forward			121			
FL	(0° – 30°)		5.6			
FM	(30° – 60°)		38.8			
FH	(60° – 80°)		48.6			G0
FVH	(80° – 90°)		28.0			G1
Backward			121			
BL	(0° – 30°)		5.6	B0		
BM	(30° – 60°)		38.8	B0		
BH	(60° – 80°)		48.6	B0		G0
BVH	(80° – 90°)		28.0			G1
Upward			243			
UL	(90° – 100°)		56.0		U3	
UH	(100° – 180°)		186.9		U3	
Trapped Light			0			
Total Flux			485			



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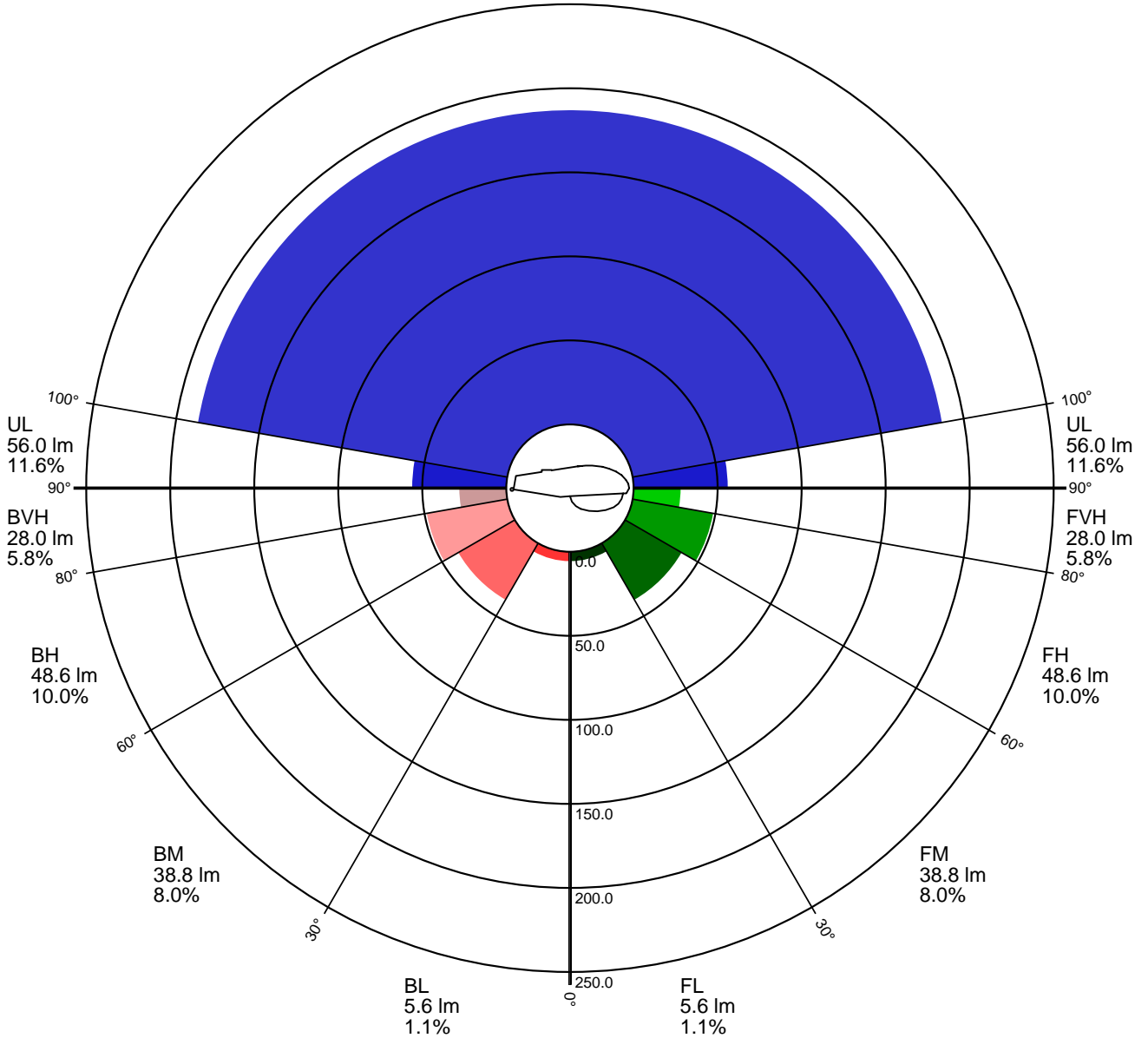
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Zonal Lumen Summary

(Linear scale)

UH
186.9 lm
38.5%



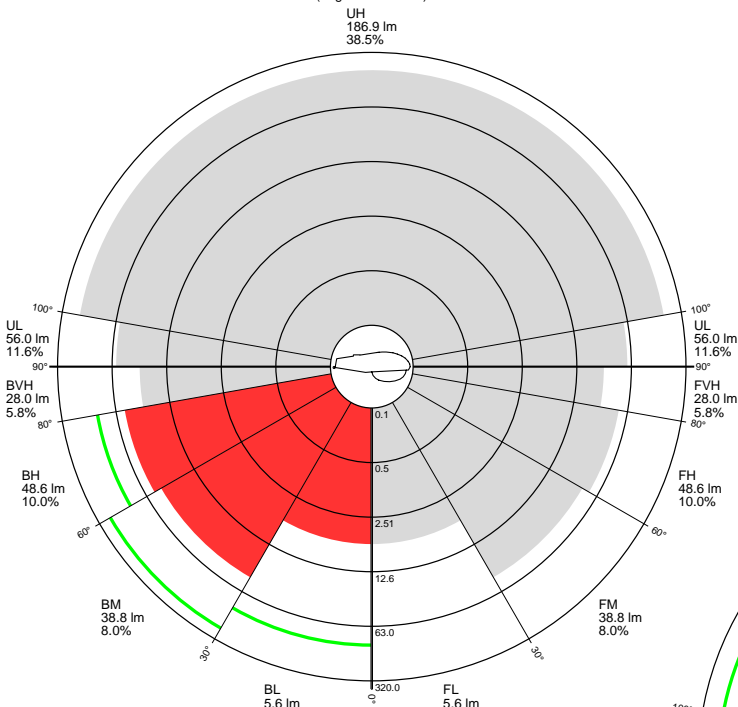


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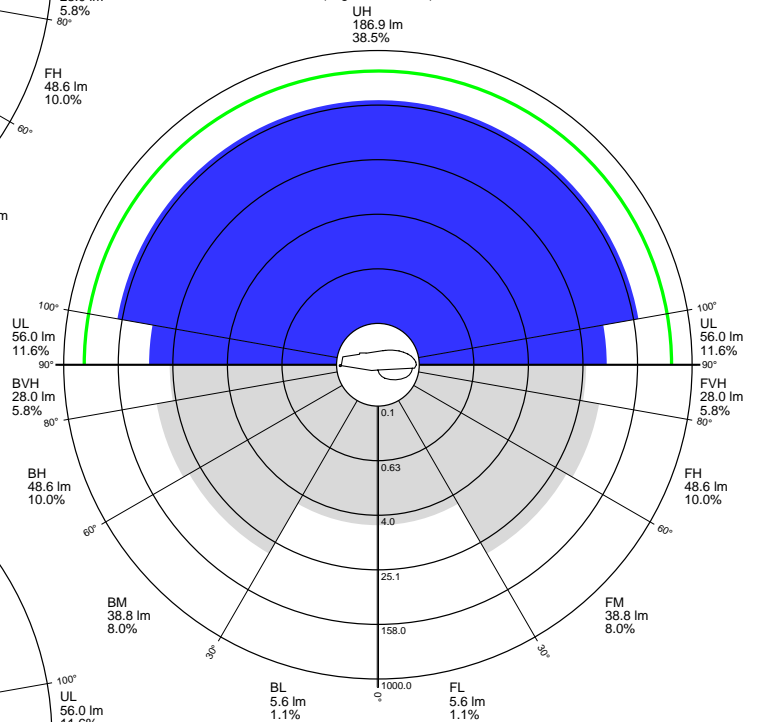
Backlight Rating Details

(Logarithmic scale)



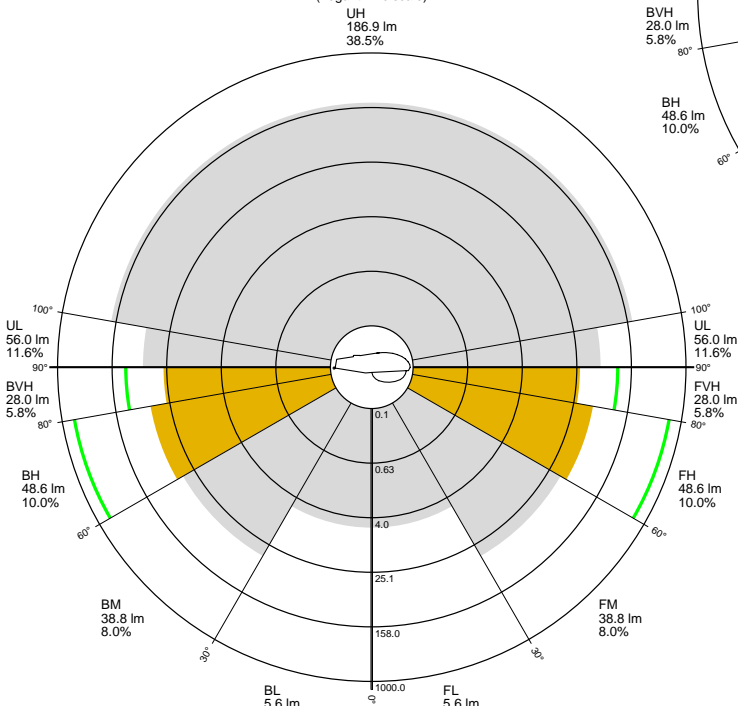
Uplight Rating Details

(Logarithmic scale)



Glare Rating Details

(Logarithmic scale)





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CANDELA TABULATION

	TYPE	V
	180.0	0.0
	175.0	2.0
	165.0	9.3
	155.0	17.7
	145.0	25.8
	135.0	33.6
	125.0	40.1
	115.0	45.5
	105.0	49.4
	95.0	51.4
	92.5	51.5
	90.0<<	51.7
	87.5	51.5
	85.0	51.5
V	82.5	51.0
E	80.0	50.5
R	77.5	50.1
T	75.0	49.5
I	72.5	48.8
C	70.0	47.5
A	67.5	46.4
L	65.0	45.4
	62.5	44.4
A	60.0	42.9
N	57.5	41.4
G	55.0	39.8
L	52.5	38.5
E	50.0	36.6
	47.5	35.1
	45.0	33.2
	42.5	31.2
	40.0	29.4
	37.5	27.3
	35.0	25.5
	32.5	23.4
	30.0	21.6
	25.0	17.1
	20.0	13.1
	15.0	9.1
	10.0	5.2
	5.0	1.9
	0.0	0.3

CONE OF MAXIMUM CANDELA



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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	0
5- 10	0
10- 15	1
15- 20	2
20- 25	3
25- 30	5
30- 35	7
35- 40	9
40- 45	12
45- 50	14
50- 55	17
55- 60	19
60- 65	22
65- 70	24
70- 75	25
75- 80	27
80- 85	28
85- 90	28
90- 95	28
95-100	28
100-105	27
105-110	25
110-115	24
115-120	22
120-125	19
125-130	17
130-135	14
135-140	12
140-145	9
145-150	7
150-155	5
155-160	3
160-165	2
165-170	1
170-175	0
175-180	0

10-DEGREE
ZONAL LUMEN SUMMARY

0- 10	0
0- 20	3
0- 30	11
0- 40	27
0- 50	53
0- 60	89
0- 70	134
0- 80	186
0- 90	242
0-100	298
0-110	350
0-120	395
0-130	431
0-140	457
0-150	474
0-160	482
0-170	485
0-180	485