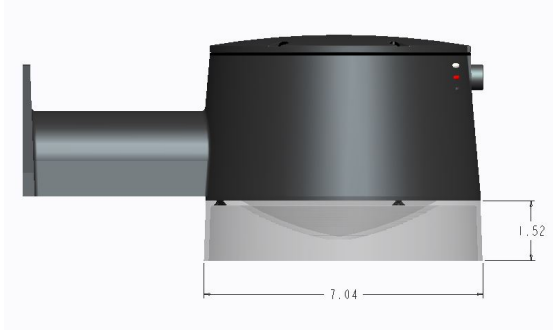


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 15 foot mounting height.



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CATALOG NUMBER: YBLED26 - YBLED26-ARM (TYPE V)

LUMINAIRE: CAST FINNED METAL HOUSING WITH WHITE PAINTED INTERIOR, 1 CIRCUIT BOARD WITH 1 LED WITH MOLDED WHITE PLASTIC TRIM, CLEAR INTERIOR FROSTED CYLINDRICAL LENS WITH RECESSED EXTERIOR-FROSTED CONVEX CENTER. CONVEX CENTER HAS CONCENTRIC CIRCULAR EXTERIOR PRISMS.

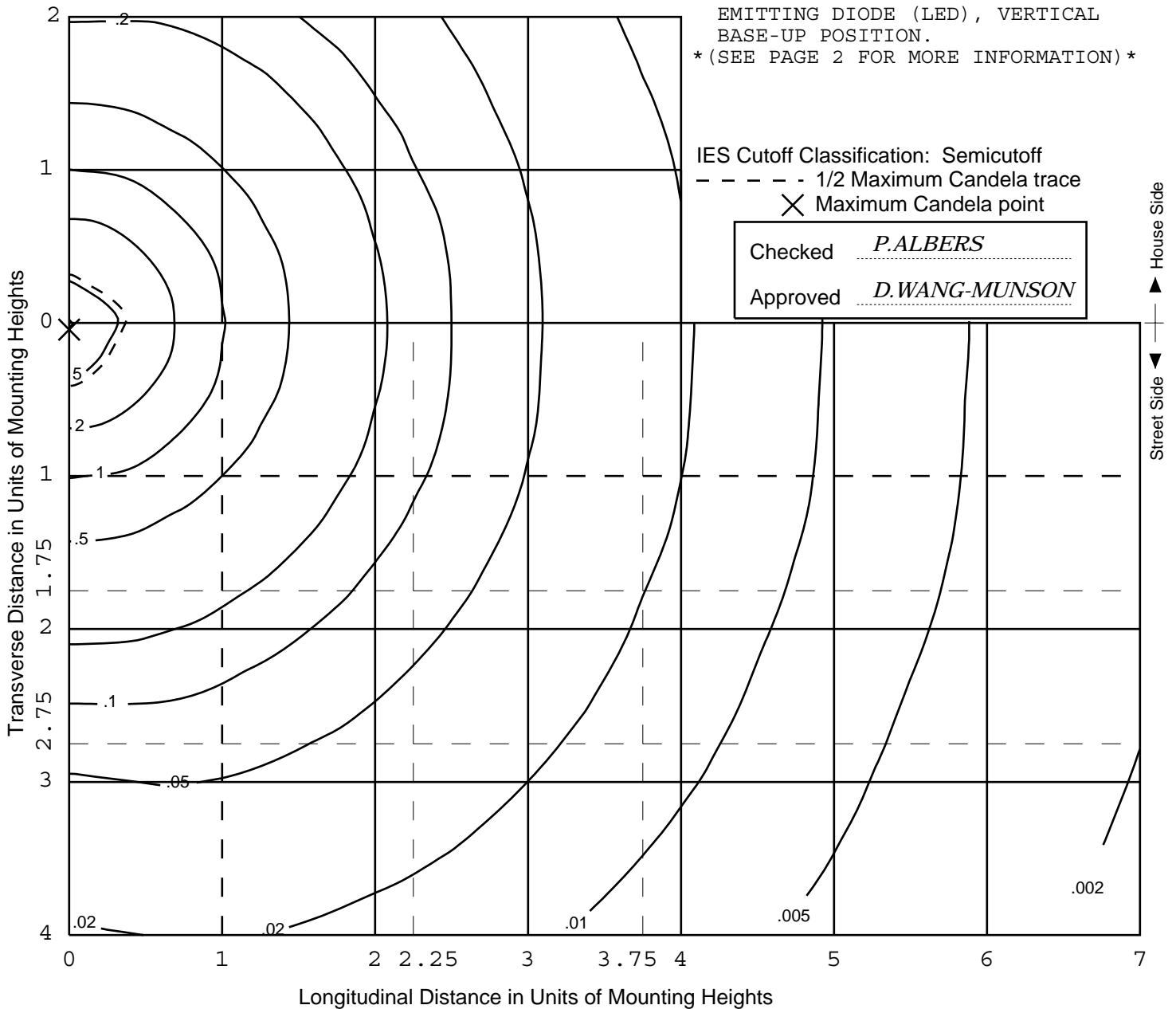
LAMP: ONE WHITE MULTI-CHIP LIGHT EMITTING DIODE (LED), VERTICAL BASE-UP POSITION.

(SEE PAGE 2 FOR MORE INFORMATION)

IES Cutoff Classification: Semicutoff

--- 1/2 Maximum Candela trace

× Maximum Candela point



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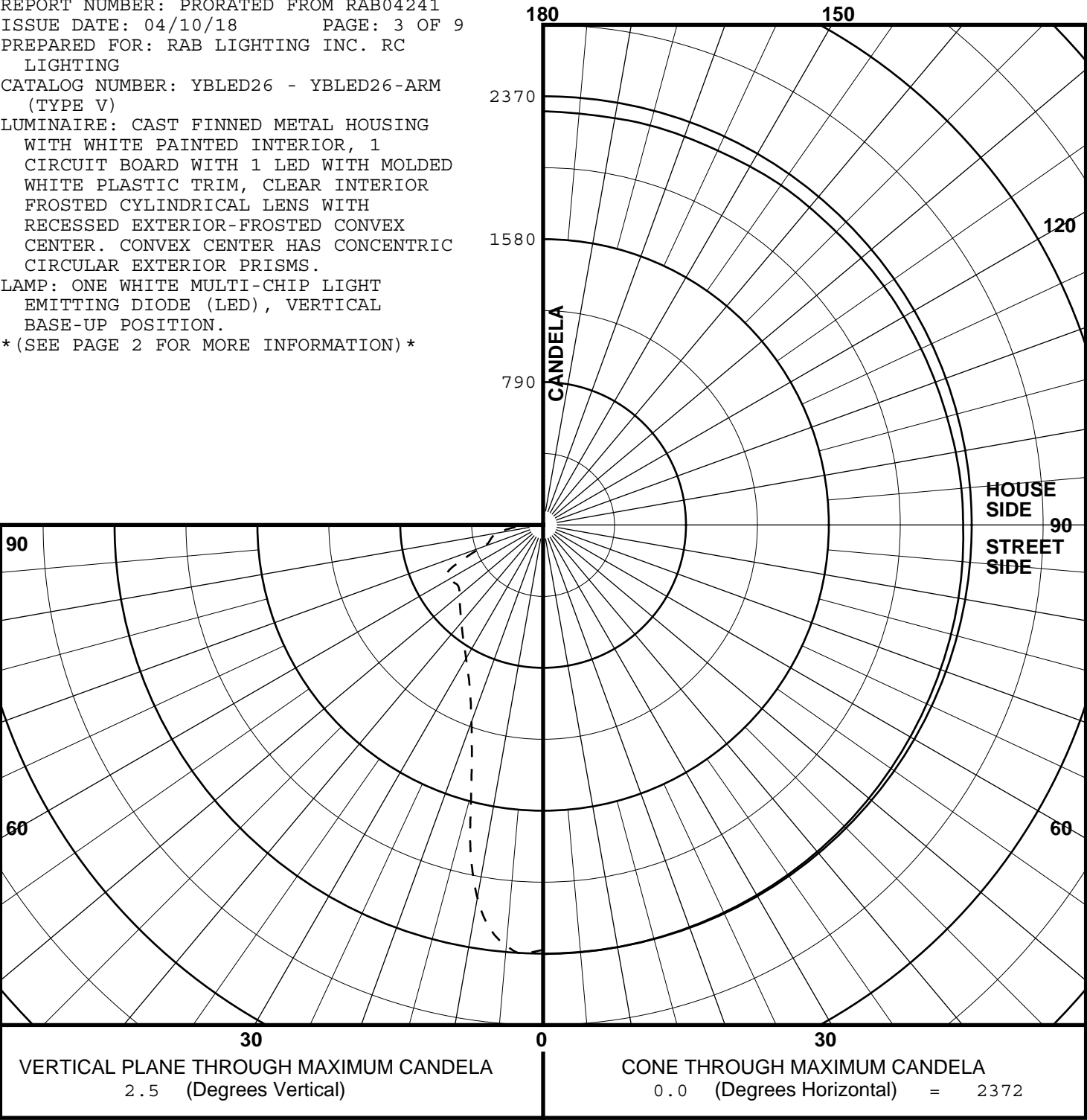
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ADDITIONAL INFORMATION

NOTE: THIS REPORT WAS PRORATED FROM RAB04241 WHICH WAS YBLED26Y -
YBLED26Y-ARM (TYPE V). ACTUAL PERFORMANCE MAY VARY.
TOTAL INPUT WATTS = 30.0 W AT 277.0 VAC.
LED DRIVER: RD-042-A0700N
TEST PROCEDURE: IESNA LM-79-08
LM-80 DATA AVAILABLE FROM MANUFACTURER FOR SOLID STATE SOURCE

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

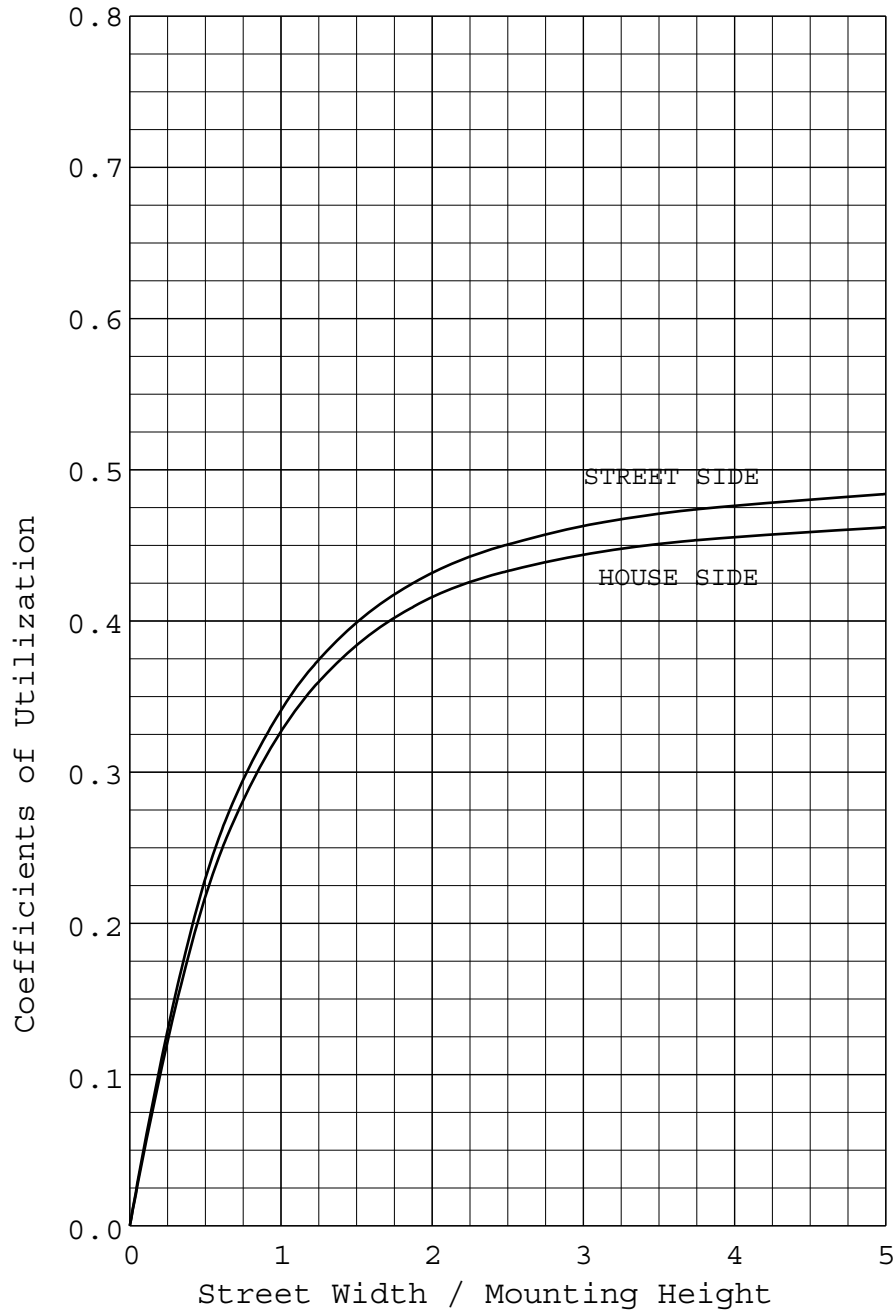
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ISSUE DATE: 04/10/18 PAGE: 3 OF 9
PREPARED FOR: RAB LIGHTING INC. RC
LIGHTING
CATALOG NUMBER: YBLED26 - YBLED26-ARM
(TYPE V)
LUMINAIRE: CAST FINNED METAL HOUSING
WITH WHITE PAINTED INTERIOR, 1
CIRCUIT BOARD WITH 1 LED WITH MOLDED
WHITE PLASTIC TRIM, CLEAR INTERIOR
FROSTED CYLINDRICAL LENS WITH
RECESSED EXTERIOR-FROSTED CONVEX
CENTER. CONVEX CENTER HAS CONCENTRIC
CIRCULAR EXTERIOR PRISMS.
LAMP: ONE WHITE MULTI-CHIP LIGHT
EMITTING DIODE (LED), VERTICAL
BASE-UP POSITION.
(SEE PAGE 2 FOR MORE INFORMATION)



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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	1846.	50.1
DOWNWARD HOUSE SIDE	1752.	47.6
DOWNWARD TOTAL	3599.	97.7
UPWARD STREET SIDE	49.	1.3
UPWARD HOUSE SIDE	37.	1.0
UPWARD TOTAL	86.	2.3
TOTAL FLUX	3685.	100.0
TOTAL INPUT WATTS = 30		
EFFICACY = 122.8 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:

Zonal Summary

Lumens

% of Fixture

B1 U2 G1

Zone Ratings

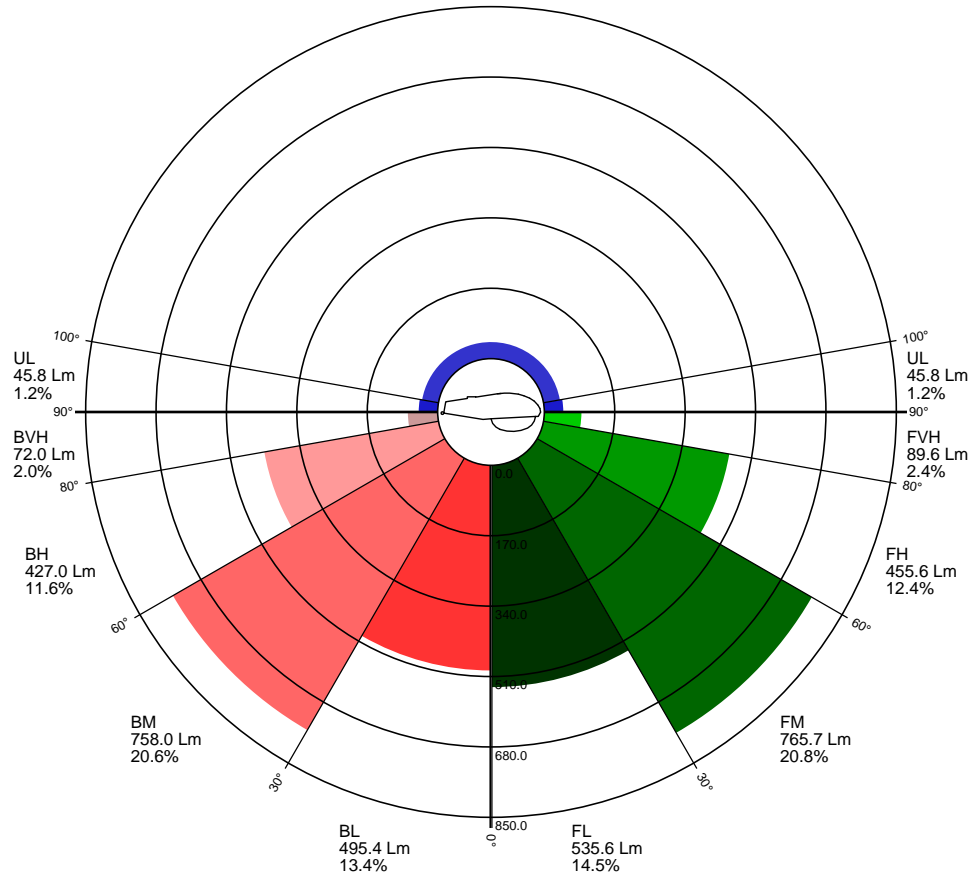
B U G

Forward		1846	50.1			
FL	(0° - 30°)	535.6	14.5			
FM	(30° - 60°)	765.7	20.8			
FH	(60° - 80°)	455.6	12.4			G0
FVH	(80° - 90°)	89.6	2.4			G1
Backward		1752	47.6			
BL	(0° - 30°)	495.4	13.4	B1		
BM	(30° - 60°)	758.0	20.6	B1		
BH	(60° - 80°)	427.0	11.6	B1		G0
BVH	(80° - 90°)	72.0	2.0			G1
Upward		86	2.3			
UL	(90° - 100°)	45.8	1.2		U2	
UH	(100° - 180°)	40.1	1.1		U2	
Trapped Light		0	0.0			
Total Flux		3685	100.0			

Zonal Lumen Summary

(Linear scale)

UH
40.1 Lm
1.1%

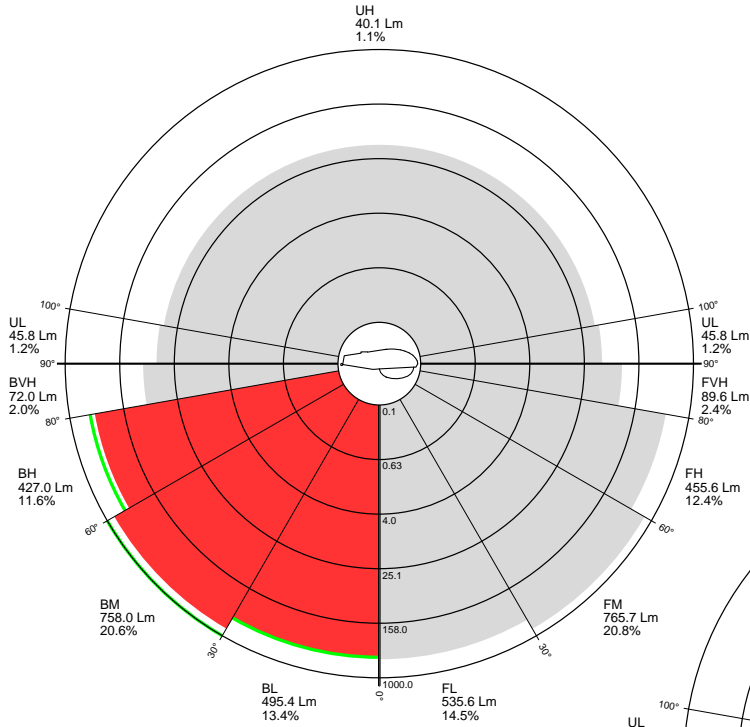


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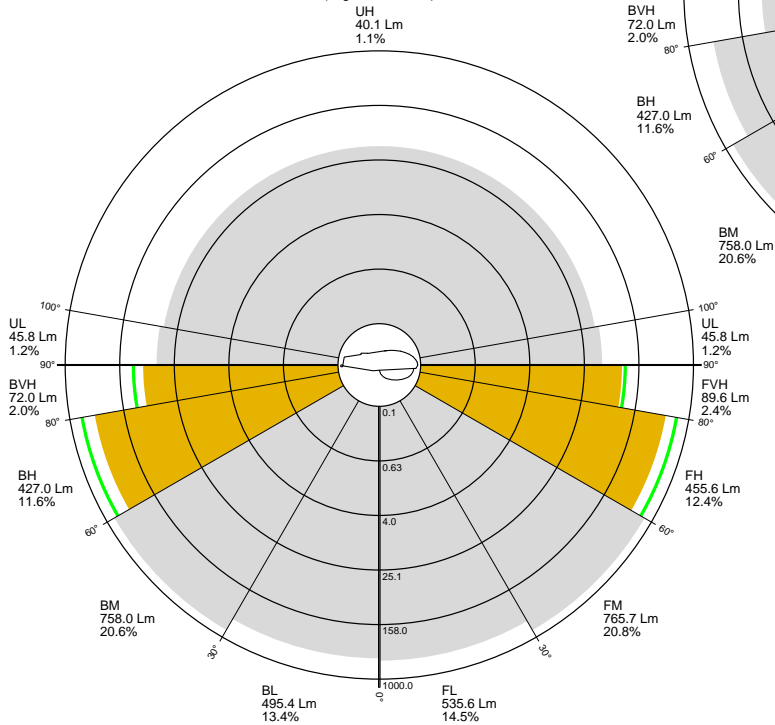
Backlight Rating Details

(Logarithmic scale)



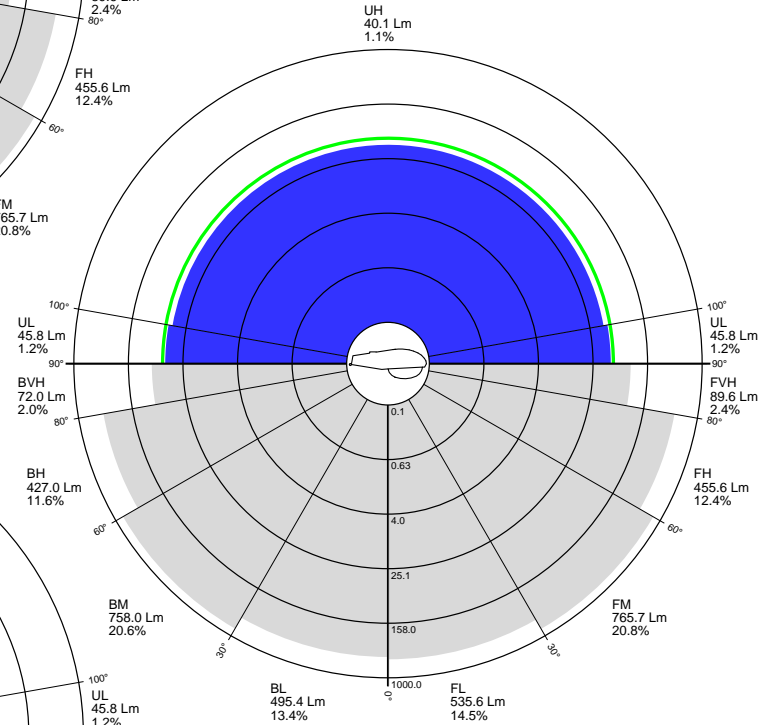
Glare Rating Details

(Logarithmic scale)



Uplight Rating Details

(Logarithmic scale)



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CANDELA TABULATION

	STREET SIDE	LATERAL ANGLE								
		0.0	5.0	15.0	25.0	35.0	45.0	55.0	65.0	75.0 85.0
	180.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	175.0	1.	1.	1.	1.	1.	1.	1.	1.	1.
	165.0	1.	1.	1.	1.	1.	1.	1.	1.	2. 1.
	155.0	2.	2.	2.	2.	2.	2.	2.	2.	2.
	145.0	3.	3.	2.	2.	2.	2.	2.	2.	2.
	135.0	4.	4.	4.	4.	4.	4.	3.	3.	4. 4.
	125.0	7.	7.	7.	7.	7.	6.	6.	6.	6. 6.
	115.0	14.	14.	14.	14.	14.	14.	14.	14.	14. 14.
	105.0	18.	18.	19.	18.	19.	18.	17.	17.	17. 16.
	95.0	50.	49.	48.	46.	46.	43.	42.	40.	40. 39.
	90.0	93.	94.	91.	88.	83.	80.	76.	74.	74. 71.
	87.5	125.	127.	125.	121.	117.	113.	109.	103.	102. 97.
	85.0	166.	169.	170.	167.	164.	158.	152.	143.	140. 134.
	82.5	212.	215.	231.	225.	226.	220.	212.	197.	193. 185.
V	80.0	254.	264.	288.	292.	300.	292.	283.	264.	260. 246.
E	77.5	285.	301.	344.	352.	364.	359.	350.	330.	325. 308.
R	75.0	301.	320.	379.	390.	406.	401.	392.	379.	374. 356.
T	72.5	314.	335.	394.	405.	418.	414.	410.	403.	398. 381.
I	70.0	356.	374.	426.	429.	429.	427.	421.	421.	412. 401.
C	67.5	454.	462.	495.	488.	482.	483.	476.	476.	470. 460.
A	65.0	556.	561.	580.	570.	558.	553.	546.	540.	532. 527.
L	62.5	597.	599.	605.	600.	596.	596.	594.	591.	590. 589.
	60.0	594.	597.	601.	598.	595.	595.	596.	595.	596. 596.
A	57.5	589.	590.	593.	593.	589.	589.	591.	591.	593. 595.
N	55.0	578.	580.	584.	587.	583.	583.	585.	588.	590. 591.
G	52.5	585.	588.	593.	596.	592.	591.	593.	596.	597. 596.
L	50.0	600.	605.	609.	613.	607.	607.	609.	612.	612. 609.
E	47.5	626.	630.	635.	638.	633.	632.	633.	636.	633. 630.
	45.0	649.	652.	657.	661.	659.	659.	661.	662.	659. 656.
	42.5	675.	678.	684.	688.	685.	688.	689.	690.	686. 685.
	40.0	703.	707.	711.	715.	715.	716.	718.	717.	715. 713.
	37.5	736.	738.	743.	746.	747.	749.	750.	750.	746. 743.
	35.0	770.	772.	776.	780.	783.	785.	785.	783.	780. 777.
	30.0	853.	854.	855.	861.	864.	864.	862.	858.	854. 847.
	25.0	965.	967.	964.	966.	971.	964.	962.	955.	948. 941.
	20.0	1159.	1162.	1151.	1153.	1149.	1140.	1129.	1116.	1103. 1093.
	15.0	1537.	1529.	1530.	1513.	1482.	1458.	1442.	1401.	1382. 1359.
	10.0	2093.	2106.	2091.	2086.	2044.	2026.	1978.	1958.	1923. 1877.
	5.0	2337.	2339.	2331.	2327.	2313.	2303.	2286.	2276.	2260. 2245.
	2.5<<	2372.	2371.	2369.	2366.	2361.	2356.	2348.	2342.	2337. 2328.
	0.0	2349.	2349.	2349.	2349.	2349.	2349.	2349.	2349.	2349. 2349.
		PLANE OF MAXIMUM CANDELA								
		CONE OF MAXIMUM CANDELA								

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CANDELA TABULATION

	LATERAL ANGLE										
	HOUSE SIDE	90.0	95.0	105.0	115.0	125.0	135.0	145.0	155.0	165.0	175.0 180.0
	180.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	175.0	1.	1.	0.	1.	1.	0.	0.	0.	0.	1.
	165.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	155.0	2.	2.	2.	2.	1.	1.	1.	1.	1.	1.
	145.0	2.	2.	2.	2.	2.	1.	1.	1.	1.	1.
	135.0	4.	4.	3.	3.	3.	3.	2.	2.	2.	1.
	125.0	6.	7.	6.	6.	6.	5.	5.	4.	3.	2.
	115.0	14.	14.	14.	13.	13.	11.	11.	9.	5.	2.
	105.0	16.	16.	16.	16.	16.	17.	17.	14.	10.	7.
	95.0	39.	39.	38.	37.	35.	34.	34.	33.	27.	28.
	90.0	71.	70.	67.	67.	65.	63.	62.	62.	61.	61.
	87.5	97.	96.	92.	91.	89.	87.	85.	82.	82.	85.
	85.0	135.	133.	127.	127.	125.	122.	117.	115.	115.	116.
	82.5	185.	184.	181.	178.	177.	174.	166.	160.	161.	157.
V	80.0	247.	243.	243.	237.	246.	244.	232.	219.	220.	210.
E	77.5	309.	306.	308.	307.	318.	319.	305.	287.	286.	267.
R	75.0	357.	355.	360.	360.	372.	382.	368.	348.	342.	309.
T	72.5	381.	382.	389.	388.	399.	412.	406.	388.	376.	325.
I	70.0	400.	400.	405.	402.	409.	424.	418.	406.	389.	324.
C	67.5	455.	458.	452.	438.	439.	452.	449.	444.	417.	334.
A	65.0	528.	524.	528.	521.	520.	523.	526.	505.	483.	410.
L	62.5	587.	587.	589.	579.	579.	583.	583.	575.	574.	503.
	60.0	595.	596.	602.	602.	600.	602.	601.	598.	600.	588.
A	57.5	595.	596.	601.	602.	600.	598.	597.	595.	599.	597.
N	55.0	591.	592.	595.	598.	596.	593.	594.	595.	596.	593.
G	52.5	597.	598.	599.	600.	597.	592.	593.	594.	595.	595.
L	50.0	609.	611.	612.	611.	605.	600.	600.	601.	601.	600.
E	47.5	631.	630.	630.	628.	622.	616.	614.	615.	616.	617.
	45.0	656.	655.	654.	651.	645.	639.	637.	638.	640.	638.
	42.5	684.	680.	680.	676.	671.	666.	665.	666.	666.	663.
	40.0	712.	710.	708.	702.	696.	694.	691.	693.	694.	691.
	37.5	742.	741.	739.	734.	727.	725.	723.	724.	725.	721.
	35.0	776.	776.	773.	770.	766.	763.	763.	764.	764.	760.
	30.0	845.	846.	846.	844.	843.	843.	842.	841.	841.	838.
	25.0	940.	939.	938.	937.	938.	937.	932.	931.	928.	927.
	20.0	1086.	1084.	1076.	1074.	1070.	1063.	1058.	1052.	1047.	1046.
	15.0	1345.	1336.	1309.	1293.	1277.	1264.	1255.	1245.	1238.	1230.
	10.0	1847.	1838.	1812.	1775.	1746.	1690.	1678.	1670.	1643.	1625.
	5.0	2233.	2230.	2212.	2199.	2188.	2170.	2169.	2152.	2156.	2147.
	2.5<<	2323.	2322.	2313.	2306.	2301.	2293.	2294.	2284.	2288.	2283.
	0.0	2349.	2349.	2349.	2349.	2349.	2349.	2349.	2349.	2349.	2349.

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	55
5- 10	147
10- 15	189
15- 20	200
20- 25	213
25- 30	227
30- 35	239
35- 40	246
40- 45	251
45- 50	254
50- 55	259
55- 60	275
60- 65	279
65- 70	233
70- 75	203
75- 80	168
80- 85	105
85- 90	56
90- 95	30
95-100	16
100-105	10
105-110	8
110-115	7
115-120	5
120-125	3
125-130	2
130-135	2
135-140	1
140-145	1
145-150	1
150-155	0
155-160	0
160-165	0
165-170	0
170-175	0
175-180	0

10-DEGREE ZONAL LUMEN SUMMARY

0- 10	202
0- 20	591
0- 30	1031
0- 40	1516
0- 50	2021
0- 60	2555
0- 70	3066
0- 80	3437
0- 90	3599
0-100	3645
0-110	3662
0-120	3674
0-130	3680
0-140	3682
0-150	3683
0-160	3684
0-170	3685
0-180	3685