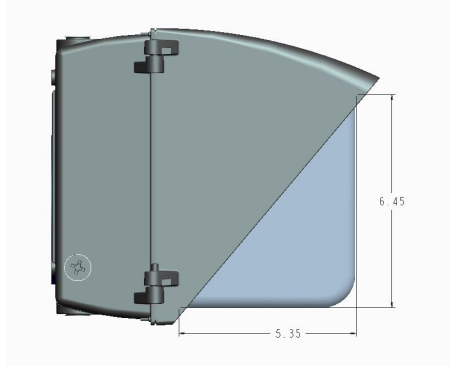


### ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 20 foot mounting height.



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 CATALOG NUMBER: WP3LED55N/480 (ALSO APPLIES TO 347/RCL) (STANDARD CUTOFF - PRISMATIC GLASS LENS)  
 LUMINAIRE: LARGE WALLPACK WITH ALUMINUM PRECISION DIE CAST CONSTRUCTION AND TEMPERED GLASS REFRACTOR.  
 LAMP: ONE HUNDRED FORTY FOUR WHITE LIGHT EMITTING DIODES (LEDs).  
 NOTE: THIS REPORT WAS PRORATED FROM RAB03102 WHICH WAS WP3LED55Y/480 . ACTUAL PERFORMANCE MAY VARY.  
 TOTAL INPUT WATTS = 54.4 W AT 480.0 VAC.  
 LED DRIVER: RD-H065-A1810  
 TEST PROCEDURE: IESNA LM-79-08  
 LM-80 DATA AVAILABLE FROM MANUFACTURER FOR SOLID STATE SOURCE

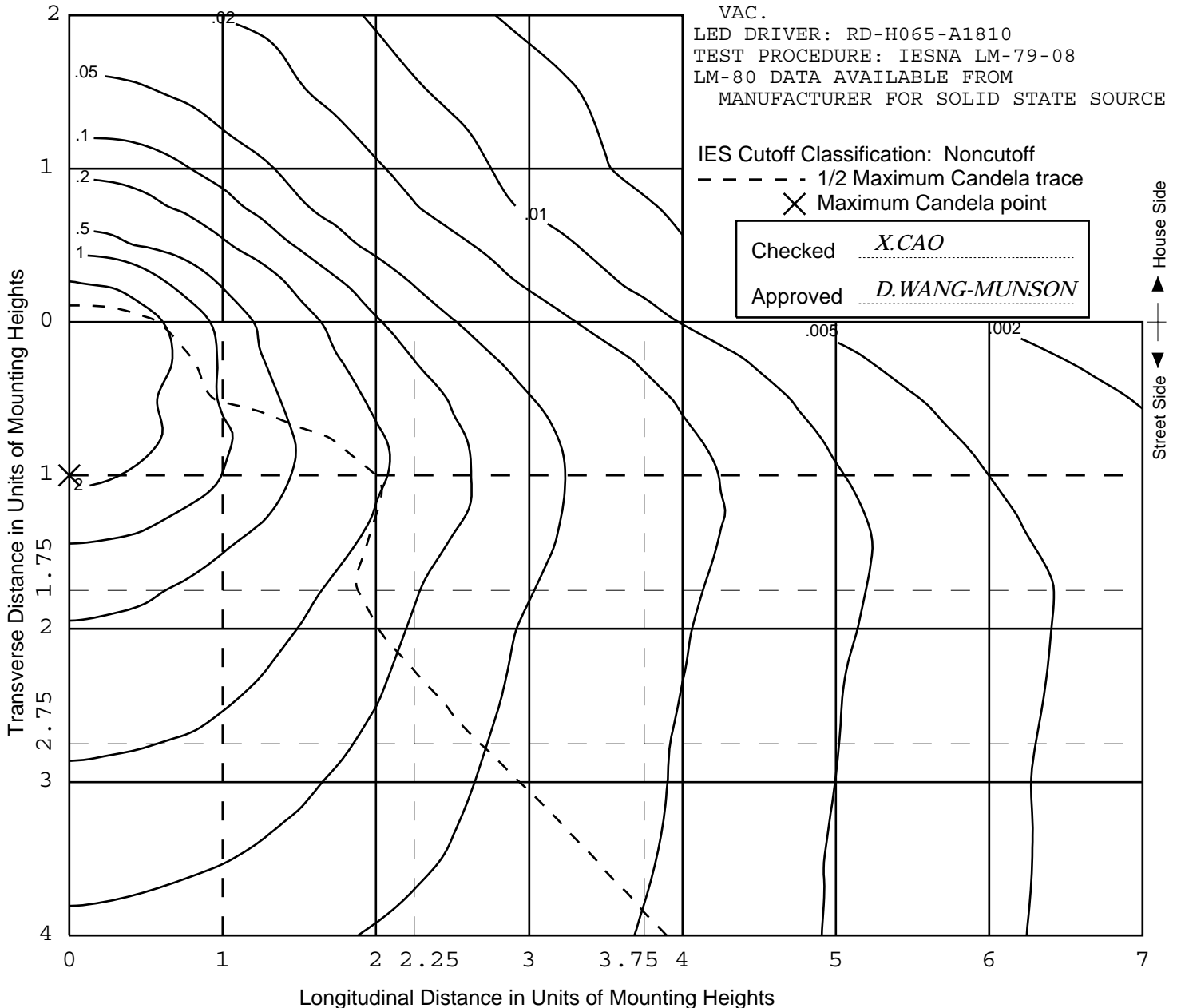
IES Cutoff Classification: Noncutoff

--- 1/2 Maximum Candela trace

× Maximum Candela point

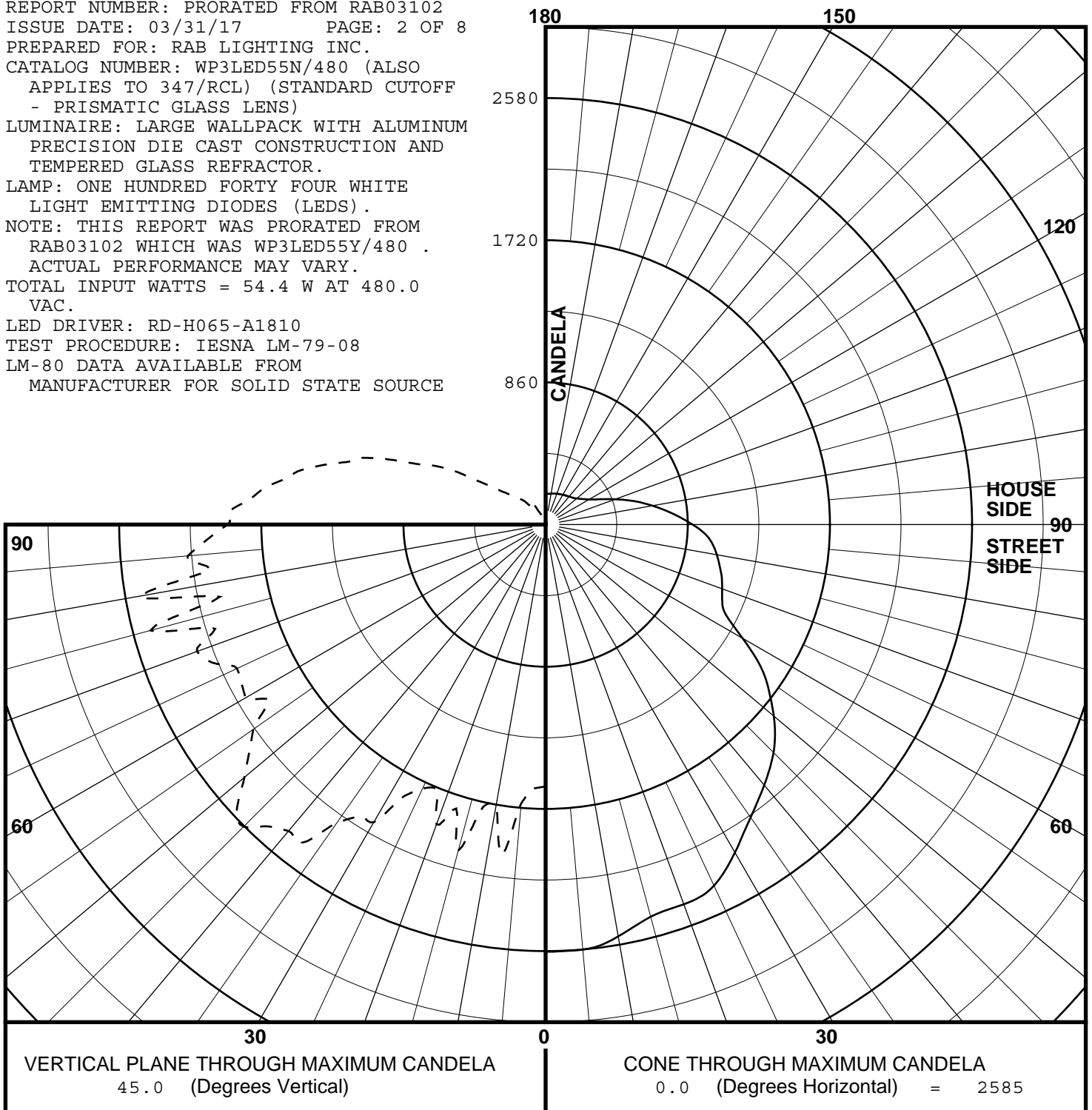
Checked X.CAO

Approved D.WANG-MUNSON



### MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

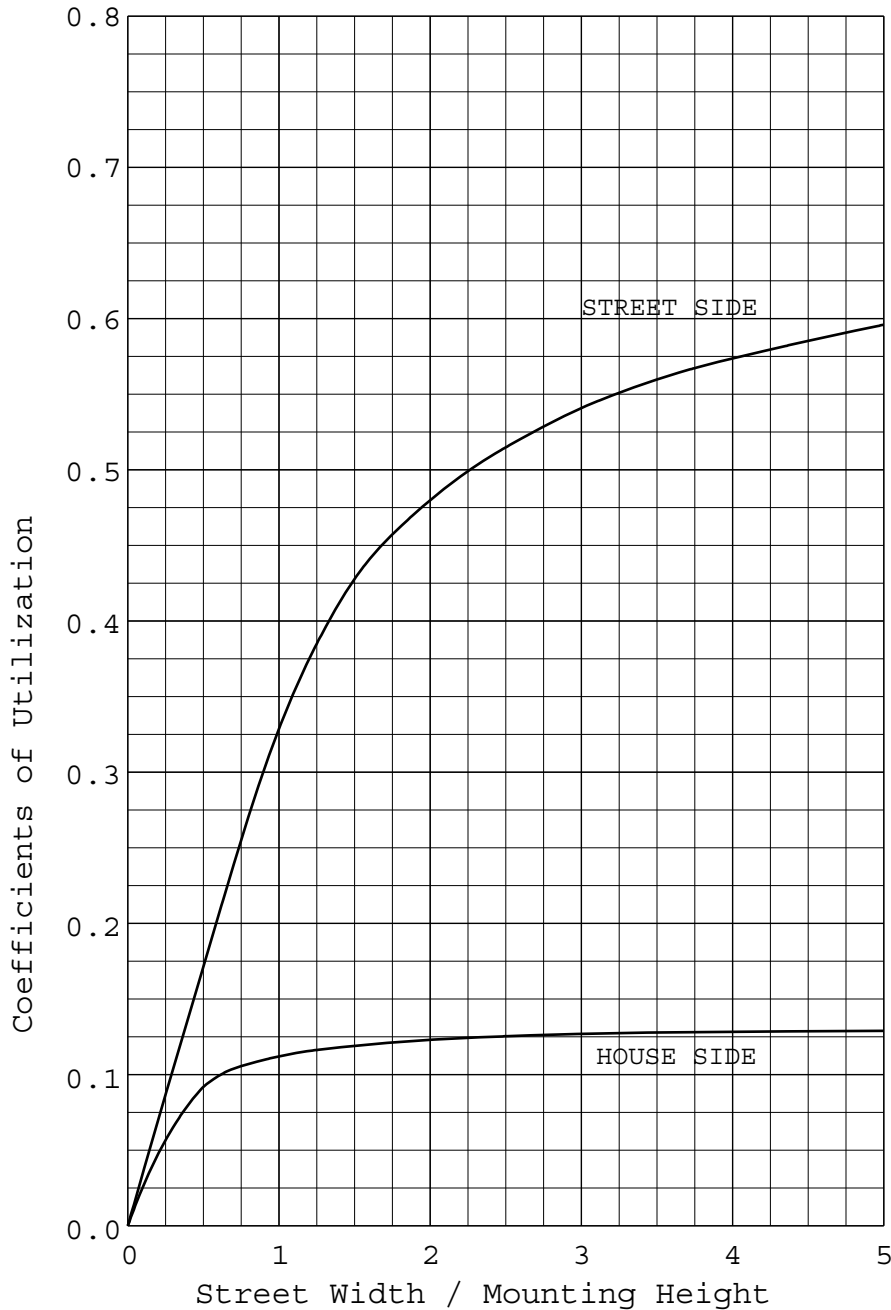
REPORT NUMBER: PRORATED FROM RAB03102  
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 PREPARED FOR: RAB LIGHTING INC.  
 CATALOG NUMBER: WP3LED55N/480 (ALSO  
 APPLIES TO 347/RCL) (STANDARD CUTOFF  
 - PRISMATIC GLASS LENS)  
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 VAC.  
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 LM-80 DATA AVAILABLE FROM  
 MANUFACTURER FOR SOLID STATE SOURCE



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### COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	4849.	68.1
DOWNWARD HOUSE SIDE	932.	13.1
DOWNWARD TOTAL	5781.	81.2
UPWARD STREET SIDE	1289.	18.1
UPWARD HOUSE SIDE	49.	0.7
UPWARD TOTAL	1338.	18.8
TOTAL FLUX	7120.	100.0

TOTAL INPUT WATTS = 54.4  
 EFFICACY = 130.9 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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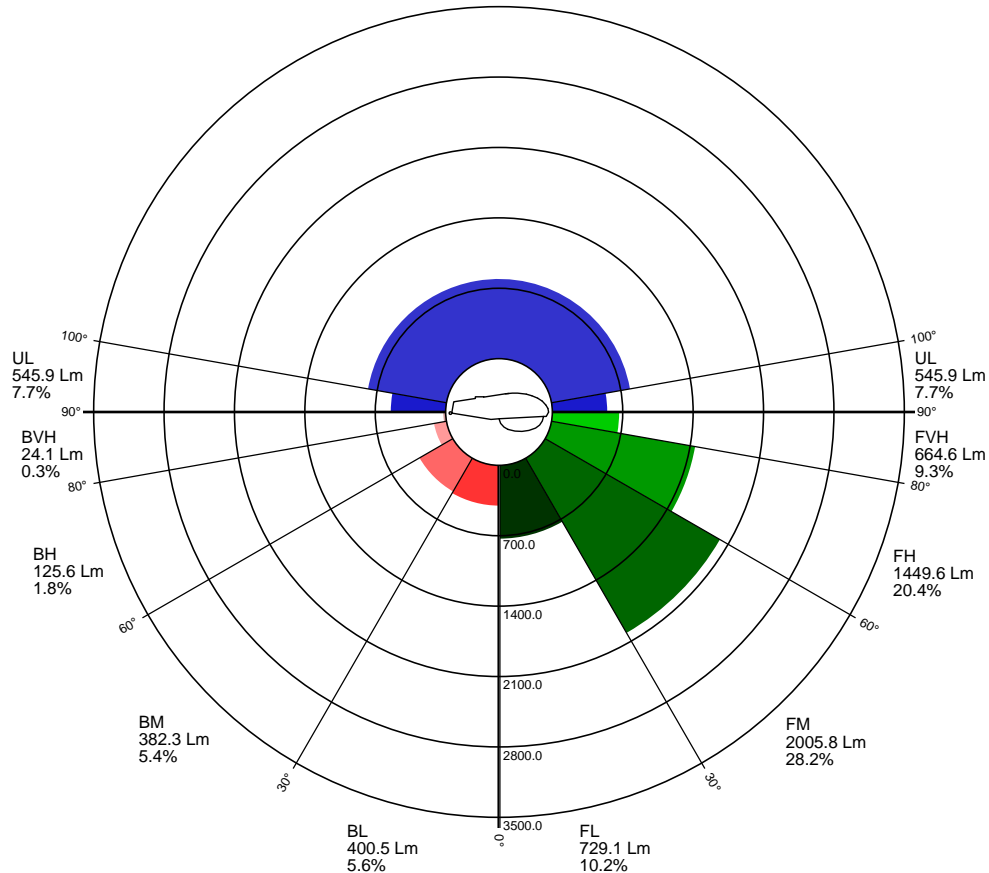
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BUG Rating:				B1 U4 G4		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		4849	68.1			
FL	(0° - 30°)	729.1	10.2			
FM	(30° - 60°)	2005.8	28.2			
FH	(60° - 80°)	1449.6	20.4			G1
FVH	(80° - 90°)	664.6	9.3			G4
Backward		932	13.1			
BL	(0° - 30°)	400.5	5.6	B1		
BM	(30° - 60°)	382.3	5.4	B1		
BH	(60° - 80°)	125.6	1.8	B1		G1
BVH	(80° - 90°)	24.1	0.3			G1
Upward		1338	18.8			
UL	(90° - 100°)	545.9	7.7		U4	
UH	(100° - 180°)	792.2	11.1		U4	
Trapped Light		0	0.0			
Total Flux		7120	100.0			

### Zonal Lumen Summary

(Linear scale)

UH  
792.2 Lm  
11.1%

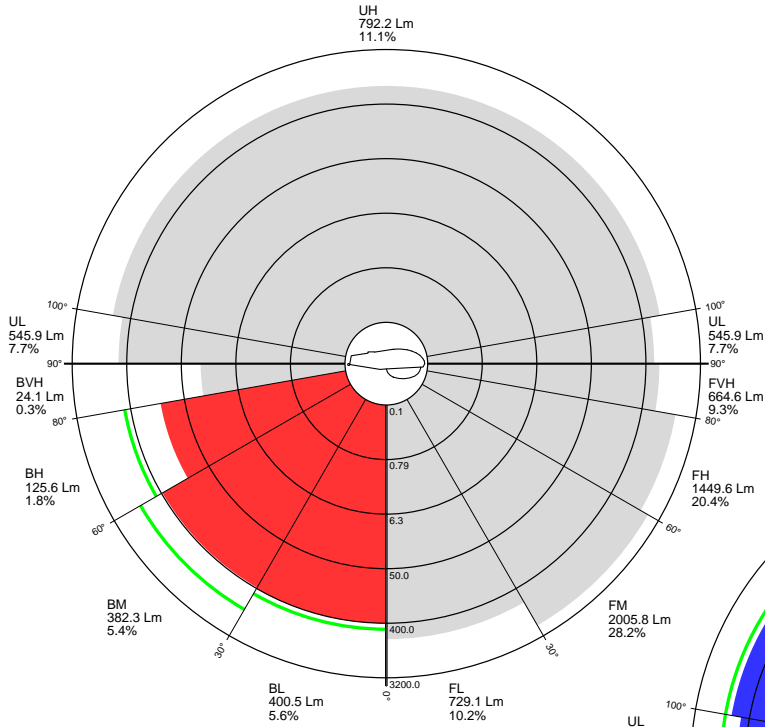


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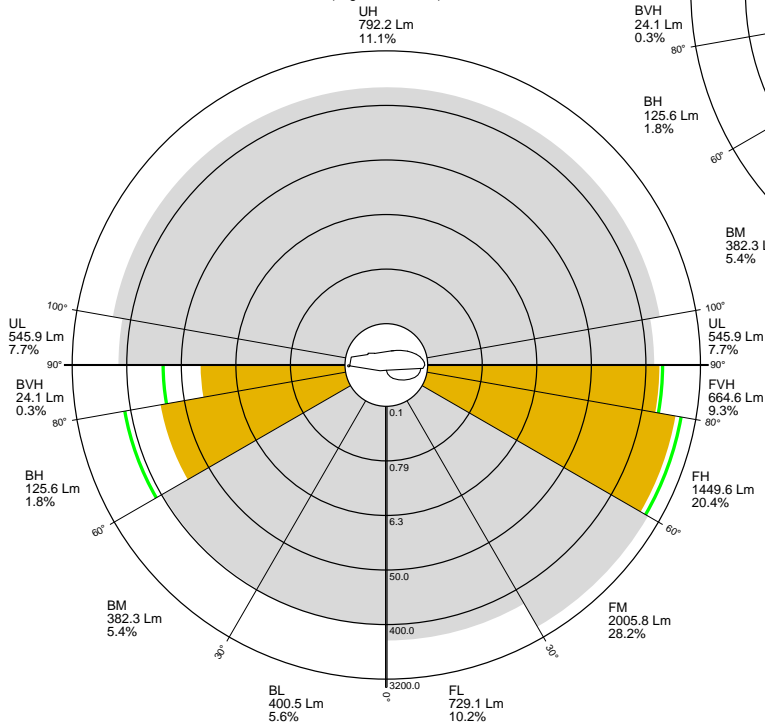
### Backlight Rating Details

(Logarithmic scale)



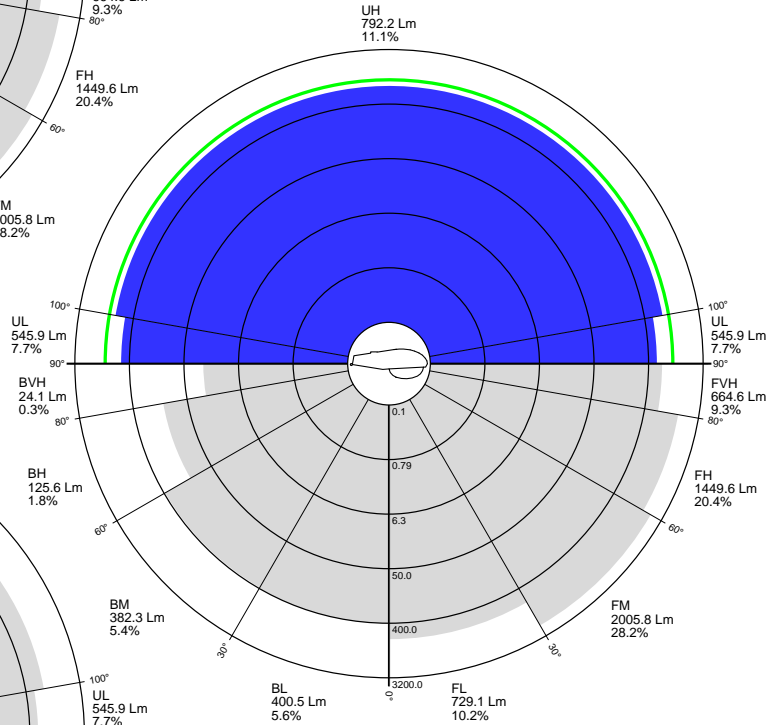
### Glare Rating Details

(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	4.	4.	4.	4.	4.	4.	4.	4.	4.
	175.0	1.	1.	2.	3.	4.	4.	5.	7.	7.
	165.0	24.	25.	22.	21.	18.	14.	10.	7.	7.
	155.0	70.	69.	67.	64.	55.	47.	34.	21.	10.
	145.0	148.	146.	146.	139.	128.	105.	76.	55.	27.
	135.0	223.	221.	207.	179.	139.	106.	95.	81.	52.
	125.0	400.	396.	365.	334.	264.	194.	122.	75.	69.
	115.0	870.	856.	797.	693.	511.	356.	220.	113.	77.
	105.0	1392.	1364.	1308.	1169.	904.	650.	420.	237.	101.
	95.0	1792.	1759.	1696.	1556.	1319.	989.	674.	438.	241.
	90.0	1925.	1900.	1864.	1754.	1491.	1147.	771.	529.	360.
	87.5	2049.	1994.	1910.	1781.	1545.	1191.	815.	573.	426.
	85.0	2175.	2137.	2110.	1948.	1624.	1234.	857.	624.	497.
V	82.5	2049.	2009.	1950.	1872.	1671.	1261.	888.	668.	569.
E	80.0	2490.	2435.	2359.	2059.	1611.	1265.	905.	716.	659.
R	77.5	2020.	1987.	1968.	1853.	1710.	1269.	932.	776.	754.
T	75.0	2475.	2412.	2252.	1990.	1572.	1269.	971.	859.	824.
I	72.5	2096.	2075.	2093.	1892.	1655.	1284.	1015.	1073.	864.
C	70.0	2245.	2188.	2101.	1888.	1563.	1302.	1107.	1159.	909.
A	67.5	2184.	2135.	2062.	1841.	1596.	1348.	1278.	1188.	925.
L	65.0	2061.	2016.	1975.	1779.	1574.	1484.	1550.	1309.	909.
	62.5	2075.	2025.	1952.	1776.	1666.	1610.	1557.	1356.	847.
A	60.0	2096.	2052.	1982.	1832.	1821.	1853.	1666.	1314.	840.
N	57.5	1985.	1951.	1985.	1966.	1901.	1941.	1768.	1357.	856.
G	55.0	2158.	2129.	2098.	2092.	2149.	2063.	1736.	1320.	878.
L	52.5	2259.	2235.	2209.	2292.	2210.	2028.	1761.	1220.	914.
E	50.0	2380.	2393.	2463.	2377.	2249.	2021.	1765.	1172.	967.
	47.5	2532.	2529.	2537.	2453.	2259.	2074.	1670.	1159.	1022.
	45.0<<	2585.	2582.	2457.	2411.	2163.	1950.	1626.	1184.	1098.
	42.5	2477.	2486.	2506.	2296.	2180.	1900.	1492.	1249.	1176.
	40.0	2420.	2395.	2384.	2338.	2132.	1887.	1419.	1352.	1262.
	37.5	2428.	2464.	2308.	2189.	1979.	1681.	1432.	1459.	1369.
	35.0	2205.	2256.	2297.	2026.	1959.	1619.	1504.	1459.	1465.
	30.0	2080.	2041.	1979.	1832.	1717.	1641.	1565.	1621.	1508.
	25.0	1764.	1773.	1798.	1715.	1805.	1722.	1778.	1597.	1489.
	20.0	1930.	1912.	1857.	1834.	1791.	1847.	2005.	1782.	1621.
	15.0	2043.	2057.	2047.	1770.	1801.	1927.	1763.	1654.	1755.
	10.0	1735.	1679.	1653.	1700.	1904.	1925.	1621.	1772.	1617.
	5.0	1693.	1675.	1709.	1748.	1773.	1778.	1690.	1617.	1630.
	0.0	1584.	1584.	1584.	1584.	1584.	1584.	1584.	1584.	1584.
		PLANE OF MAXIMUM CANDELA								
		CONE OF MAXIMUM CANDELA								

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### CANDELA TABULATION

HOUSE SIDE		LATERAL ANGLE										
		90.0	95.0	105.0	115.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0
	180.0	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
	175.0	7.	7.	7.	7.	5.	5.	4.	3.	2.	2.	2.
	165.0	8.	7.	7.	7.	7.	5.	4.	3.	3.	3.	3.
	155.0	8.	8.	8.	8.	7.	5.	5.	4.	4.	3.	3.
	145.0	11.	10.	9.	9.	8.	7.	5.	4.	4.	4.	4.
	135.0	20.	15.	12.	12.	10.	8.	5.	4.	4.	4.	4.
	125.0	32.	25.	20.	18.	14.	10.	7.	5.	4.	4.	4.
	115.0	47.	39.	32.	25.	19.	13.	9.	7.	5.	7.	7.
	105.0	53.	45.	41.	35.	24.	16.	12.	9.	9.	9.	9.
	95.0	45.	50.	53.	48.	33.	21.	14.	11.	11.	11.	11.
	90.0	53.	49.	62.	57.	38.	24.	16.	12.	11.	11.	11.
	87.5	68.	55.	69.	62.	44.	26.	19.	13.	11.	11.	11.
	85.0	95.	67.	77.	71.	52.	32.	20.	13.	11.	11.	11.
V	82.5	136.	87.	86.	82.	60.	46.	33.	22.	22.	21.	23.
E	80.0	183.	111.	93.	92.	69.	64.	45.	42.	36.	38.	41.
R	77.5	240.	141.	102.	101.	78.	79.	57.	58.	52.	49.	50.
T	75.0	292.	176.	110.	107.	87.	91.	72.	69.	68.	61.	61.
I	72.5	339.	215.	116.	112.	93.	98.	89.	79.	84.	79.	78.
C	70.0	380.	252.	128.	116.	100.	101.	106.	87.	96.	102.	101.
A	67.5	410.	292.	146.	122.	105.	103.	118.	100.	101.	115.	116.
L	65.0	448.	337.	172.	130.	116.	107.	123.	116.	105.	115.	116.
	62.5	485.	379.	205.	141.	129.	115.	124.	130.	114.	112.	111.
A	60.0	524.	424.	240.	156.	144.	128.	127.	135.	132.	118.	118.
N	57.5	570.	471.	280.	176.	159.	141.	135.	134.	141.	144.	145.
G	55.0	618.	513.	320.	205.	175.	159.	147.	138.	138.	150.	151.
L	52.5	673.	572.	372.	240.	193.	178.	160.	152.	141.	139.	138.
E	50.0	745.	631.	428.	277.	215.	194.	178.	169.	158.	143.	140.
	47.5	818.	703.	488.	317.	240.	210.	198.	182.	175.	167.	167.
	45.0<<	890.	770.	550.	363.	271.	230.	215.	204.	194.	187.	186.
	42.5	967.	842.	612.	421.	300.	253.	230.	223.	214.	205.	204.
	40.0	1033.	909.	671.	489.	337.	278.	248.	235.	225.	219.	218.
	37.5	1104.	989.	743.	557.	389.	306.	267.	247.	237.	228.	228.
	35.0	1166.	1056.	816.	629.	463.	344.	295.	265.	252.	247.	246.
	30.0	1289.	1192.	976.	785.	640.	493.	381.	330.	300.	293.	293.
	25.0	1405.	1298.	1115.	942.	809.	698.	599.	497.	436.	396.	398.
	20.0	1505.	1400.	1277.	1126.	986.	866.	794.	732.	700.	671.	674.
	15.0	1545.	1500.	1392.	1287.	1192.	1073.	984.	937.	911.	863.	866.
	10.0	1574.	1603.	1459.	1426.	1343.	1261.	1214.	1224.	1181.	1154.	1163.
	5.0	1591.	1591.	1605.	1530.	1485.	1465.	1439.	1429.	1414.	1414.	1404.
	0.0	1584.	1584.	1584.	1584.	1584.	1584.	1584.	1584.	1584.	1584.	1584.

CONE OF MAXIMUM CANDELA

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### 5-DEGREE ZONAL LUMEN SUMMARY

0- 5	38
5- 10	112
10- 15	178
15- 20	233
20- 25	269
25- 30	299
30- 35	332
35- 40	372
40- 45	405
45- 50	430
50- 55	431
55- 60	418
60- 65	404
65- 70	398
70- 75	393
75- 80	380
80- 85	360
85- 90	328
90- 95	293
95-100	253
100-105	211
105-110	167
110-115	126
115-120	90
120-125	61
125-130	41
130-135	30
135-140	22
140-145	17
145-150	13
150-155	8
155-160	4
160-165	2
165-170	1
170-175	0
175-180	0

### 10-DEGREE ZONAL LUMEN SUMMARY

0- 10	149
0- 20	561
0- 30	1130
0- 40	1833
0- 50	2669
0- 60	3518
0- 70	4319
0- 80	5093
0- 90	5781
0-100	6327
0-110	6705
0-120	6921
0-130	7023
0-140	7074
0-150	7104
0-160	7116
0-170	7119
0-180	7120