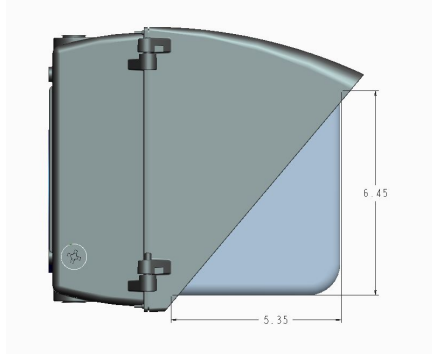


### ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 20 foot mounting height.



REPORT NUMBER: PRORATED FROM RAB03102  
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 PREPARED FOR: RAB LIGHTING INC.  
 CATALOG NUMBER: WP3LED55Y/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 = 56.3 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

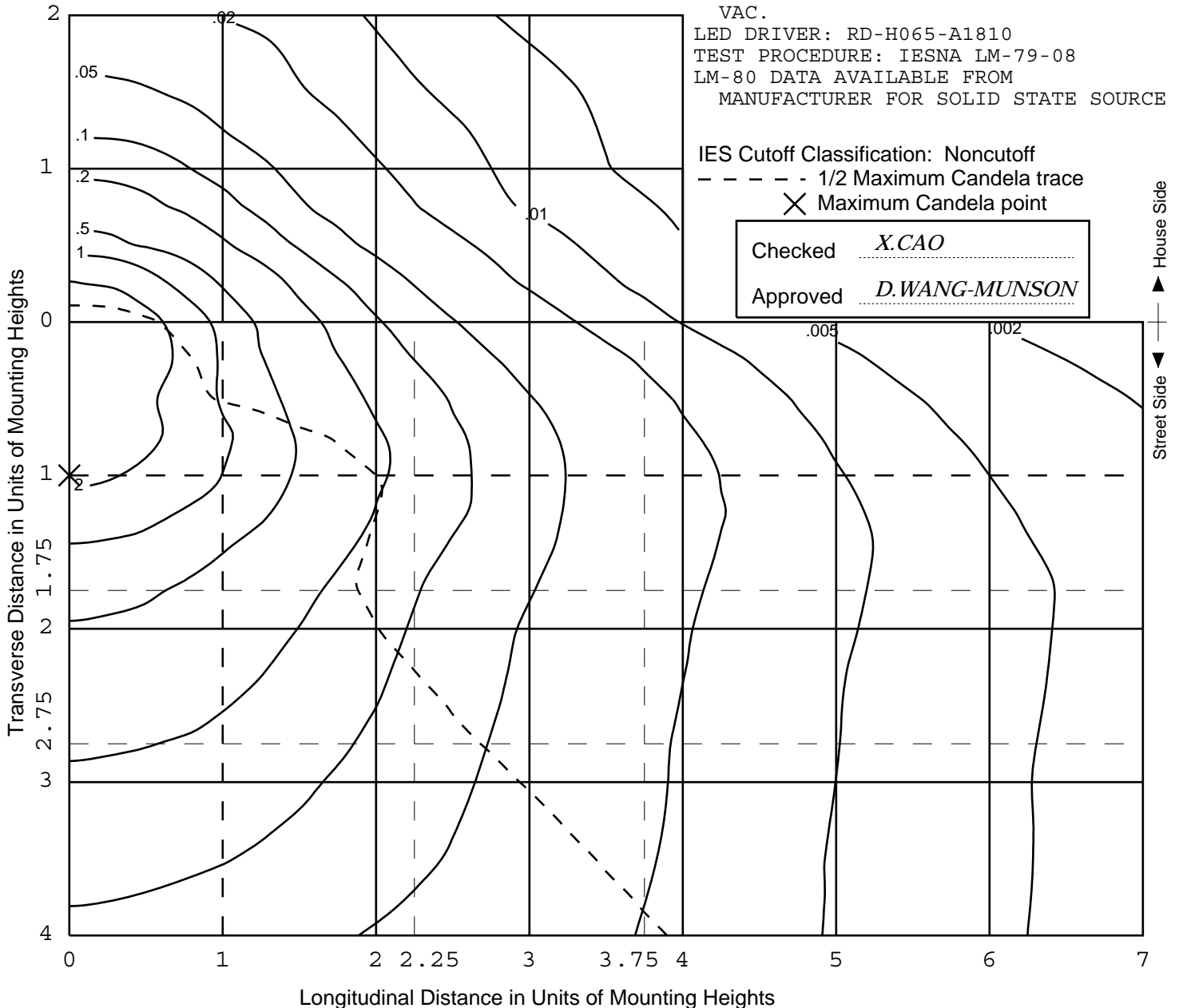
IES Cutoff Classification: Noncutoff

--- 1/2 Maximum Candela trace

× Maximum Candela point

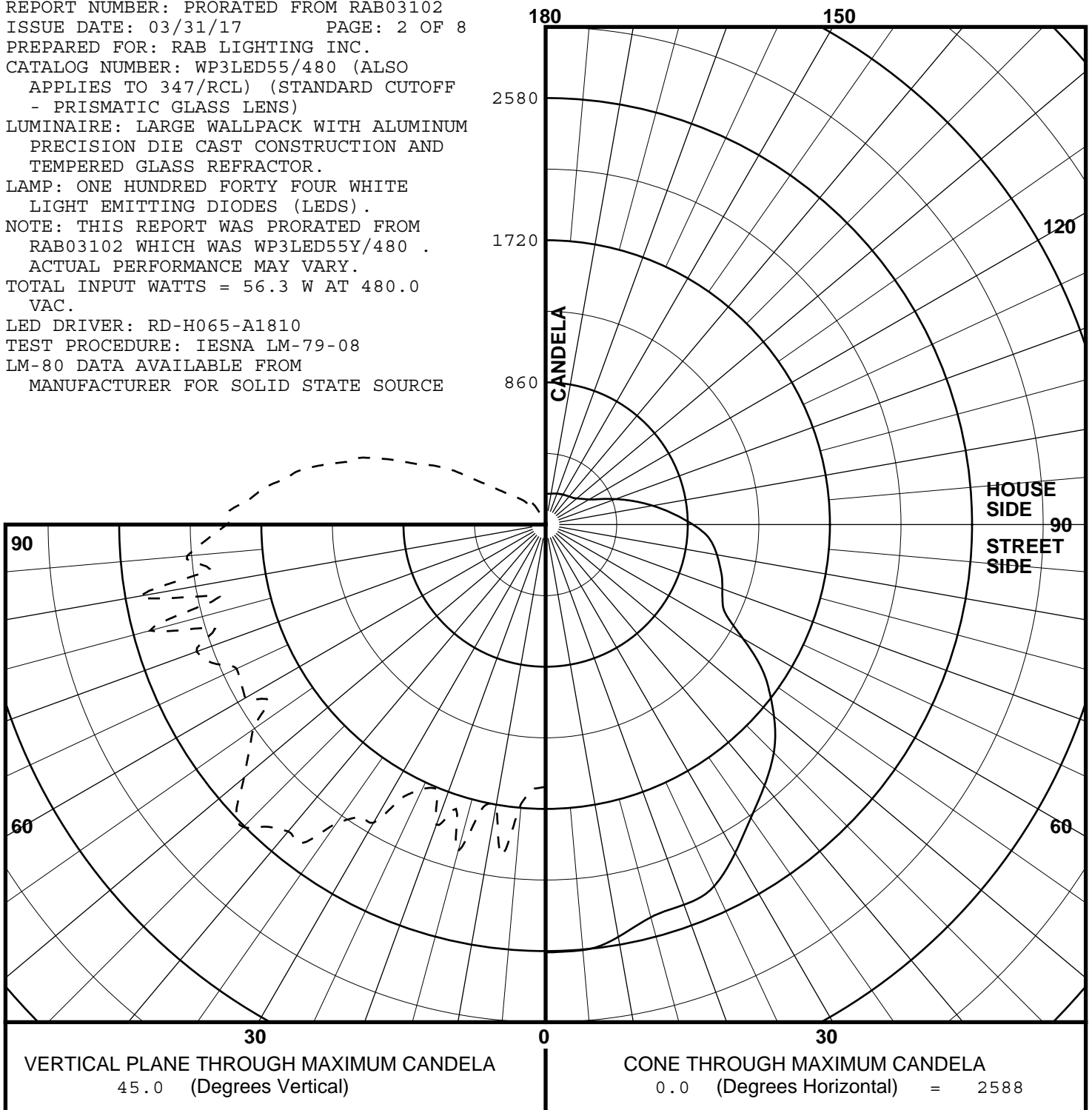
Checked X.CAO

Approved D.WANG-MUNSON



### MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

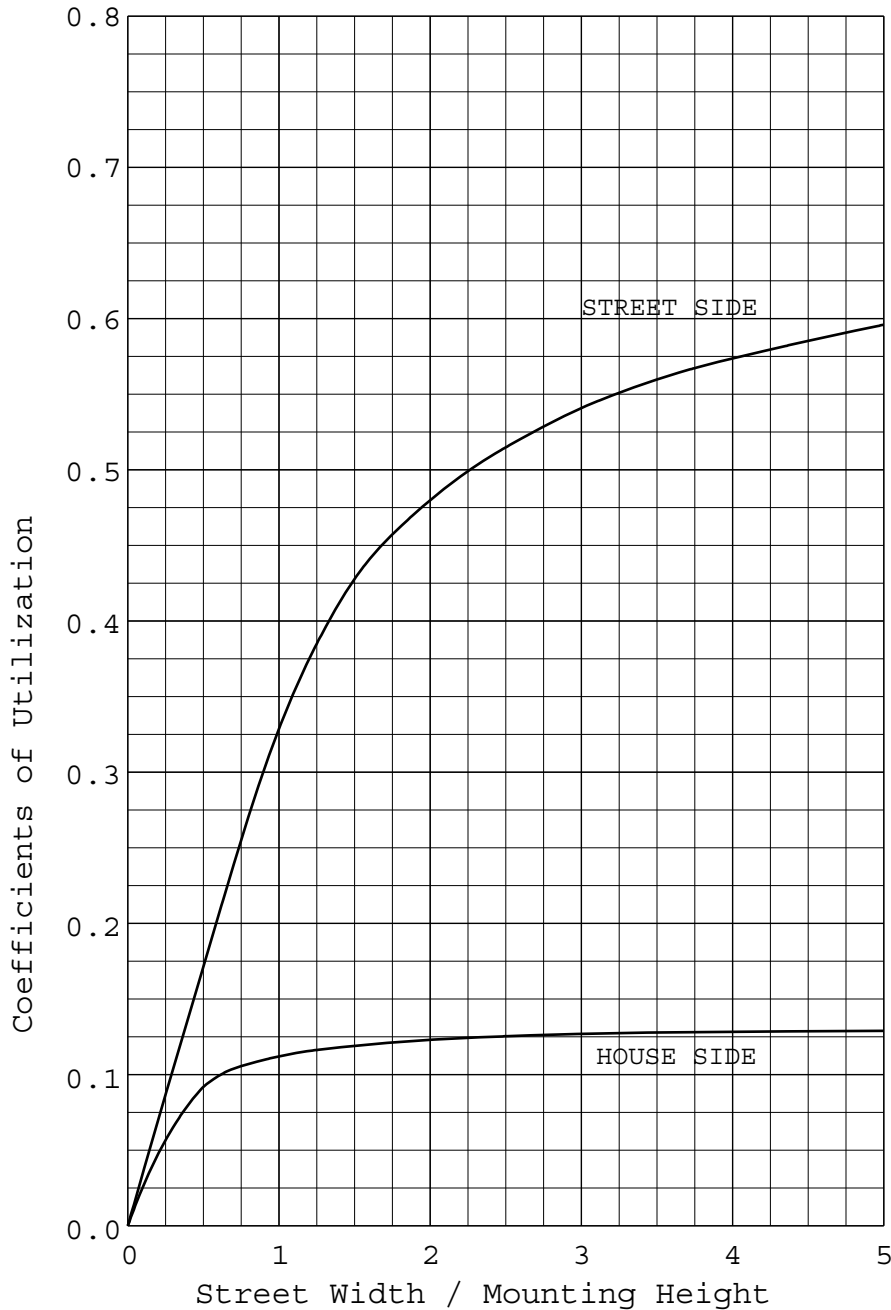
REPORT NUMBER: PRORATED FROM RAB03102  
 ISSUE DATE: 03/31/17 PAGE: 2 OF 8  
 PREPARED FOR: RAB LIGHTING INC.  
 CATALOG NUMBER: WP3LED55/480 (ALSO  
 APPLIES TO 347/RCL) (STANDARD CUTOFF  
 - PRISMATIC GLASS LENS)  
 LUMINAIRE: LARGE WALLPACK WITH ALUMINUM  
 PRECISION DIE CAST CONSTRUCTION AND  
 TEMPERED GLASS REFRACTOR.  
 LAMP: ONE HUNDRED FORTY FOUR WHITE  
 LIGHT EMITTING DIODES (LEDs).  
 NOTE: THIS REPORT WAS PRORATED FROM  
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 ACTUAL PERFORMANCE MAY VARY.  
 TOTAL INPUT WATTS = 56.3 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



REPORT NUMBER: PRORATED FROM RAB03102  
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### COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	4855.	68.1
DOWNWARD HOUSE SIDE	934.	13.1
DOWNWARD TOTAL	5789.	81.2
UPWARD STREET SIDE	1291.	18.1
UPWARD HOUSE SIDE	49.	0.7
UPWARD TOTAL	1340.	18.8
TOTAL FLUX	7129.	100.0

TOTAL INPUT WATTS = 56.3  
 EFFICACY = 126.6 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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 PREPARED FOR: RAB LIGHTING INC.

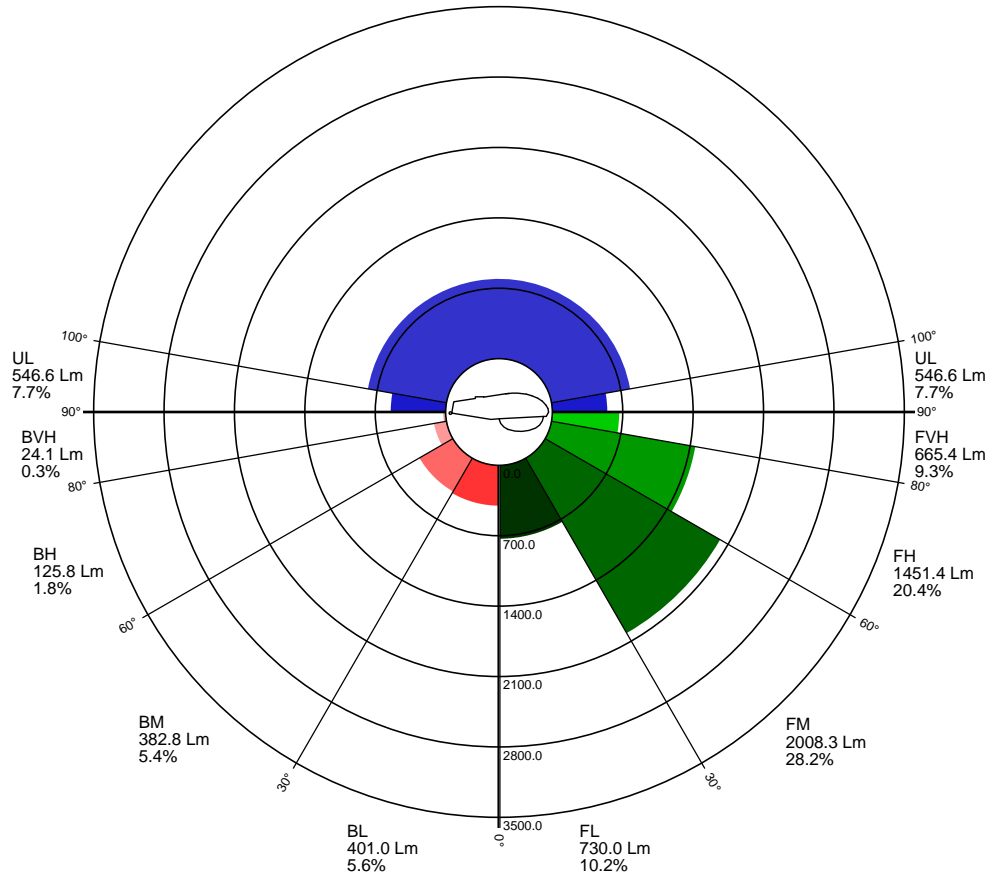
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BUG Rating:				B1 U4 G4		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		4855	68.1			
FL	(0° - 30°)	730.0	10.2			
FM	(30° - 60°)	2008.3	28.2			
FH	(60° - 80°)	1451.4	20.4			G1
FVH	(80° - 90°)	665.4	9.3			G4
Backward		934	13.1			
BL	(0° - 30°)	401.0	5.6	B1		
BM	(30° - 60°)	382.8	5.4	B1		
BH	(60° - 80°)	125.8	1.8	B1		G1
BVH	(80° - 90°)	24.1	0.3			G1
Upward		1340	18.8			
UL	(90° - 100°)	546.6	7.7		U4	
UH	(100° - 180°)	793.2	11.1		U4	
Trapped Light		0	0.0			
Total Flux		7129	100.0			

### Zonal Lumen Summary

(Linear scale)

UH  
793.2 Lm  
11.1%

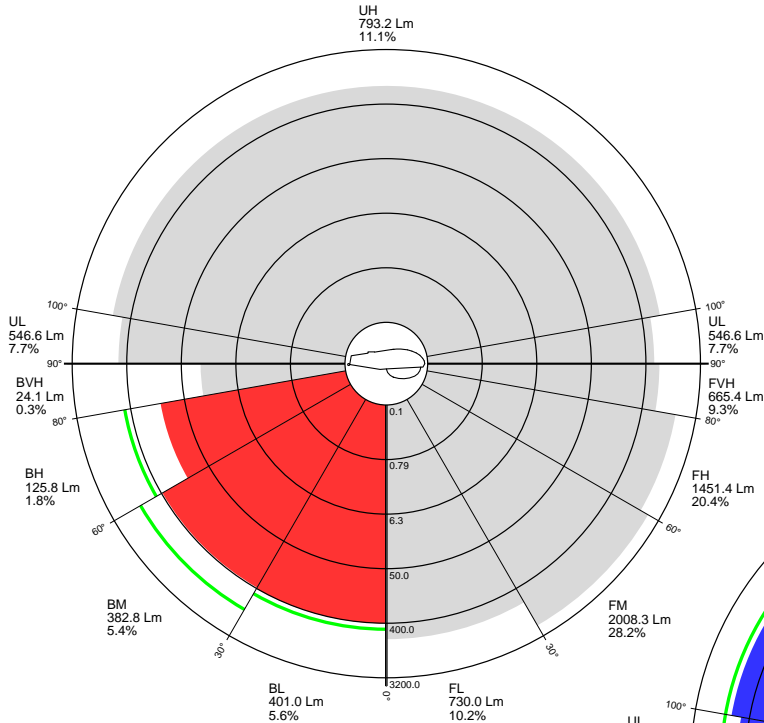


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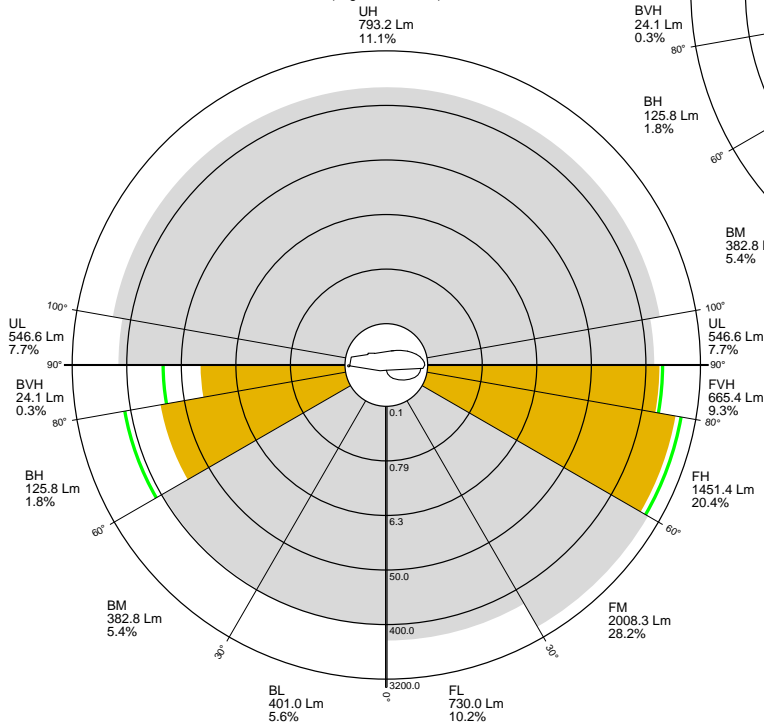
### Backlight Rating Details

(Logarithmic scale)



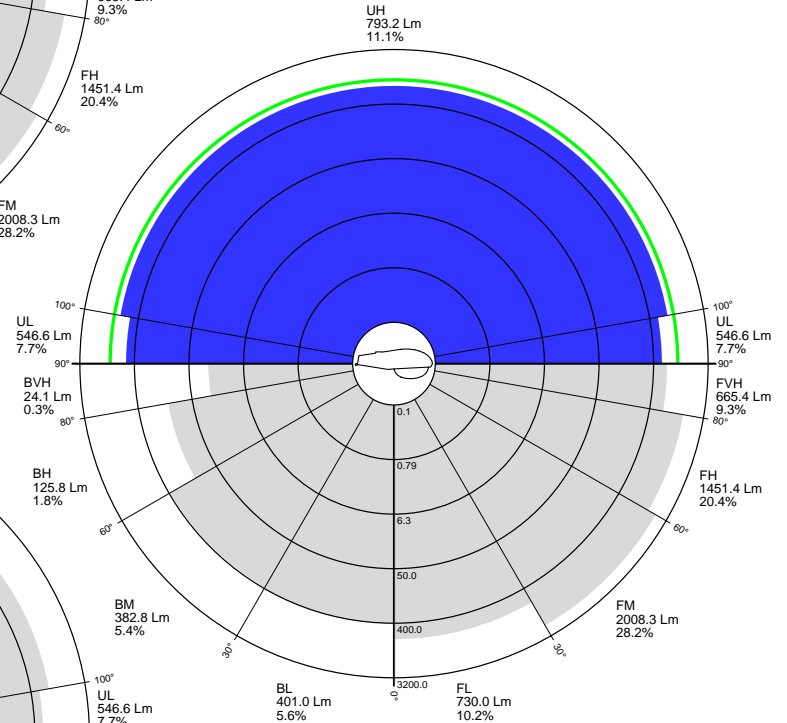
### Glare Rating Details

(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.	222.	207.	179.	139.	106.	95.	81.	52.
	125.0	401.	396.	366.	335.	265.	194.	122.	75.	69.
	115.0	872.	857.	798.	694.	512.	357.	221.	113.	77.
	105.0	1394.	1365.	1309.	1170.	906.	651.	420.	237.	101.
	95.0	1795.	1762.	1698.	1558.	1320.	990.	675.	439.	241.
	90.0	1927.	1902.	1866.	1756.	1493.	1148.	772.	530.	360.
	87.5	2051.	1997.	1912.	1784.	1547.	1192.	816.	574.	427.
	85.0	2178.	2139.	2113.	1951.	1626.	1236.	858.	625.	497.
V	82.5	2051.	2012.	1953.	1875.	1673.	1262.	889.	668.	570.
E	80.0	2493.	2438.	2362.	2061.	1614.	1267.	907.	717.	660.
R	77.5	2023.	1990.	1970.	1855.	1712.	1271.	933.	777.	755.
T	75.0	2478.	2415.	2255.	1992.	1574.	1271.	973.	861.	825.
I	72.5	2099.	2078.	2095.	1895.	1657.	1285.	1016.	1075.	865.
C	70.0	2248.	2191.	2104.	1890.	1565.	1304.	1109.	1160.	910.
A	67.5	2187.	2138.	2065.	1843.	1598.	1350.	1280.	1190.	926.
L	65.0	2064.	2019.	1978.	1781.	1576.	1486.	1552.	1311.	910.
	62.5	2078.	2027.	1955.	1778.	1668.	1612.	1559.	1358.	848.
A	60.0	2099.	2055.	1985.	1834.	1823.	1855.	1668.	1316.	841.
N	57.5	1988.	1954.	1988.	1968.	1903.	1944.	1770.	1359.	857.
G	55.0	2161.	2132.	2101.	2094.	2151.	2066.	1739.	1322.	879.
L	52.5	2262.	2238.	2212.	2295.	2213.	2031.	1763.	1222.	915.
E	50.0	2383.	2396.	2466.	2380.	2252.	2024.	1767.	1173.	968.
	47.5	2536.	2532.	2540.	2457.	2262.	2077.	1672.	1160.	1023.
	45.0<<	2588.	2585.	2460.	2414.	2166.	1953.	1628.	1185.	1100.
	42.5	2481.	2489.	2509.	2298.	2183.	1902.	1494.	1250.	1178.
	40.0	2424.	2398.	2387.	2341.	2135.	1889.	1420.	1353.	1263.
	37.5	2431.	2467.	2311.	2192.	1981.	1683.	1434.	1461.	1371.
	35.0	2207.	2259.	2300.	2028.	1961.	1621.	1506.	1461.	1466.
	30.0	2082.	2044.	1981.	1834.	1719.	1643.	1567.	1623.	1510.
	25.0	1766.	1775.	1800.	1717.	1808.	1724.	1780.	1599.	1491.
	20.0	1933.	1914.	1859.	1836.	1794.	1850.	2008.	1785.	1623.
	15.0	2046.	2059.	2049.	1773.	1803.	1930.	1765.	1656.	1757.
	10.0	1738.	1682.	1655.	1702.	1907.	1927.	1623.	1774.	1619.
	5.0	1695.	1677.	1711.	1751.	1775.	1780.	1693.	1619.	1632.
	0.0	1586.	1586.	1586.	1586.	1586.	1586.	1586.	1586.	1586.

||  
 PLANE OF MAXIMUM CANDELA

CONE OF MAXIMUM CANDELA

REPORT NUMBER: PRORATED FROM RAB03102  
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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.	40.	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.	63.	57.	38.	24.	16.	12.	11.	11.	11.
	87.5	68.	55.	69.	63.	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.	142.	102.	101.	78.	79.	57.	58.	52.	49.	50.
T	75.0	292.	177.	110.	108.	87.	91.	72.	69.	68.	61.	61.
I	72.5	339.	215.	116.	112.	93.	98.	89.	79.	85.	79.	78.
C	70.0	381.	252.	128.	116.	100.	101.	106.	87.	97.	102.	101.
A	67.5	411.	292.	146.	122.	105.	103.	119.	100.	101.	115.	116.
L	65.0	449.	337.	172.	131.	116.	108.	123.	116.	105.	115.	116.
	62.5	485.	380.	205.	142.	130.	115.	124.	131.	114.	112.	111.
A	60.0	525.	425.	240.	156.	144.	128.	127.	135.	132.	119.	119.
N	57.5	571.	472.	280.	177.	159.	142.	135.	134.	142.	144.	145.
G	55.0	619.	514.	321.	205.	176.	159.	147.	138.	138.	150.	151.
L	52.5	674.	573.	372.	240.	193.	178.	160.	153.	142.	139.	138.
E	50.0	746.	632.	428.	278.	215.	194.	178.	169.	158.	143.	140.
	47.5	819.	704.	488.	317.	240.	211.	199.	182.	176.	167.	167.
	45.0<<	891.	771.	551.	363.	271.	231.	215.	204.	194.	188.	187.
	42.5	968.	843.	612.	421.	301.	254.	231.	223.	214.	205.	204.
	40.0	1034.	910.	672.	490.	337.	279.	248.	235.	225.	220.	218.
	37.5	1105.	990.	744.	558.	390.	306.	268.	247.	237.	228.	228.
	35.0	1168.	1057.	817.	630.	463.	345.	295.	266.	252.	247.	246.
	30.0	1291.	1193.	977.	786.	641.	494.	382.	330.	301.	293.	293.
	25.0	1407.	1300.	1116.	943.	810.	699.	599.	497.	437.	396.	398.
	20.0	1507.	1402.	1279.	1127.	987.	867.	795.	733.	701.	672.	675.
	15.0	1547.	1502.	1394.	1289.	1193.	1075.	986.	938.	912.	864.	867.
	10.0	1576.	1605.	1461.	1428.	1345.	1262.	1215.	1226.	1182.	1156.	1165.
	5.0	1593.	1593.	1607.	1532.	1487.	1466.	1441.	1431.	1416.	1416.	1406.
	0.0	1586.	1586.	1586.	1586.	1586.	1586.	1586.	1586.	1586.	1586.	1586.

CONE OF MAXIMUM CANDELA

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### 5-DEGREE ZONAL LUMEN SUMMARY

0- 5	38
5- 10	112
10- 15	179
15- 20	234
20- 25	269
25- 30	300
30- 35	333
35- 40	372
40- 45	405
45- 50	431
50- 55	432
55- 60	419
60- 65	404
65- 70	399
70- 75	394
75- 80	381
80- 85	361
85- 90	329
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	150
0- 20	562
0- 30	1131
0- 40	1836
0- 50	2672
0- 60	3522
0- 70	4325
0- 80	5099
0- 90	5789
0-100	6335
0-110	6713
0-120	6929
0-130	7032
0-140	7083
0-150	7113
0-160	7125
0-170	7128
0-180	7129