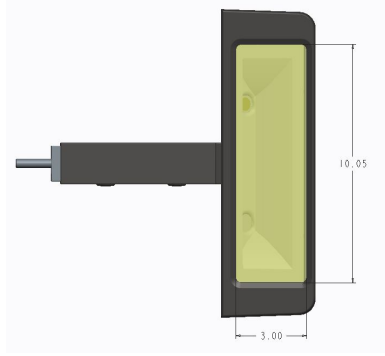


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 20 foot mounting height.



REPORT NUMBER: PRORATED FROM RAB02588
 ISSUE DATE: 11/07/16 PAGE: 1 OF 9
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALEDFC80/480,
 WPLEDFC80/480 (0-DEGREE UPTILT - FULL CUTOFF)

LUMINAIRE: CAST FINNED METAL HOUSING,
 2-PIECE EXTRUDED METAL HEAT SINK, 2
 CIRCUIT BOARDS EACH WITH 1 LED,
 MOLDED PLASTIC REFLECTOR WITH
 SPECULAR FINISH AND 1 OPTICAL
 COMPARTMENT WITH 1 APERTURE PER LED,
 CLEAR FLAT GLASS LENS IN CAST BROWN
 PAINTED METAL FRAME.

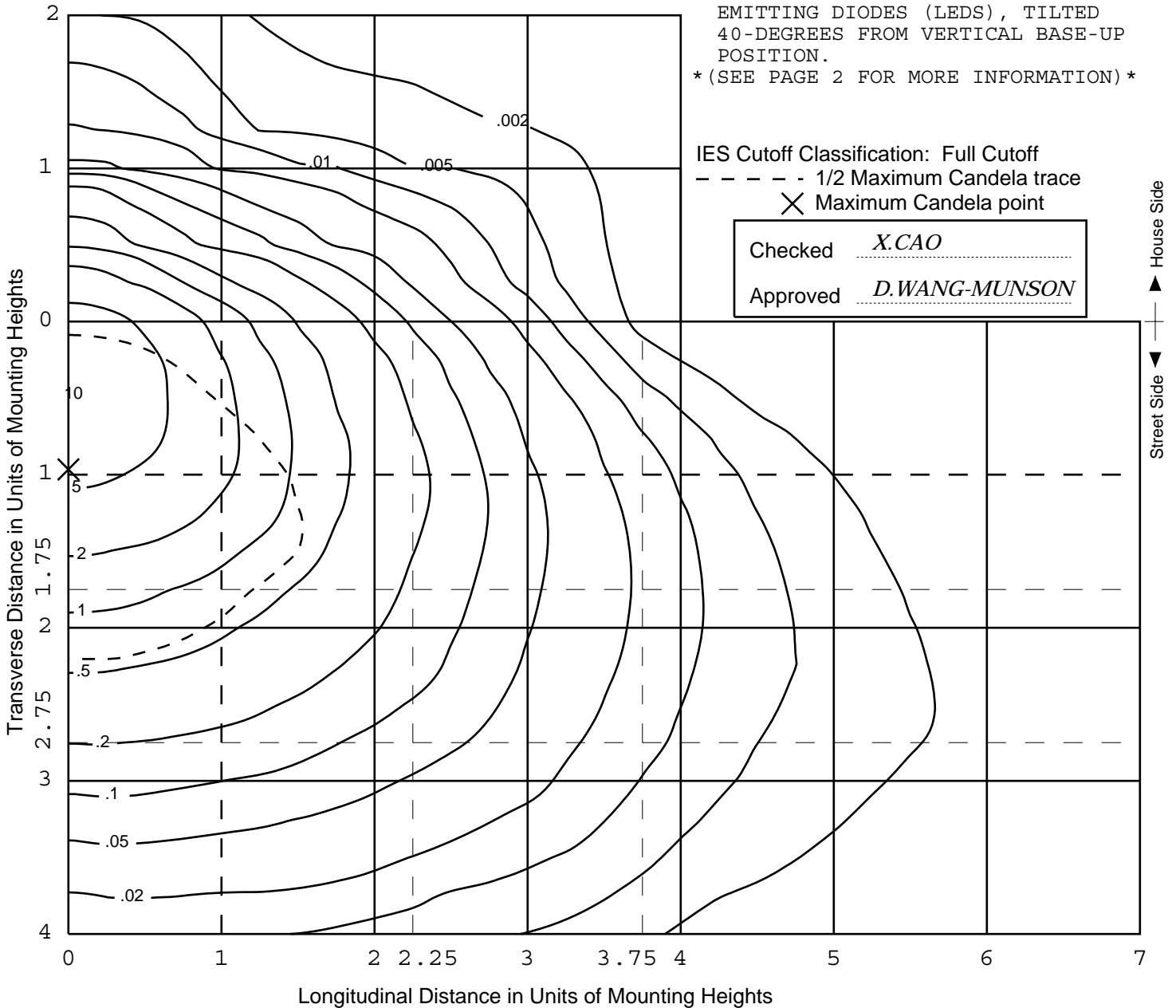
LAMPS: TWO WHITE MULTI-CHIP LIGHT
 EMITTING DIODES (LEDs), TILTED
 40-DEGREES FROM VERTICAL BASE-UP
 POSITION.

(SEE PAGE 2 FOR MORE INFORMATION)

IES Cutoff Classification: Full Cutoff

--- 1/2 Maximum Candela trace

X Maximum Candela point



REPORT NUMBER: PRORATED FROM RAB02588
ISSUE DATE: 11/07/16
PREPARED FOR: RAB LIGHTING INC.

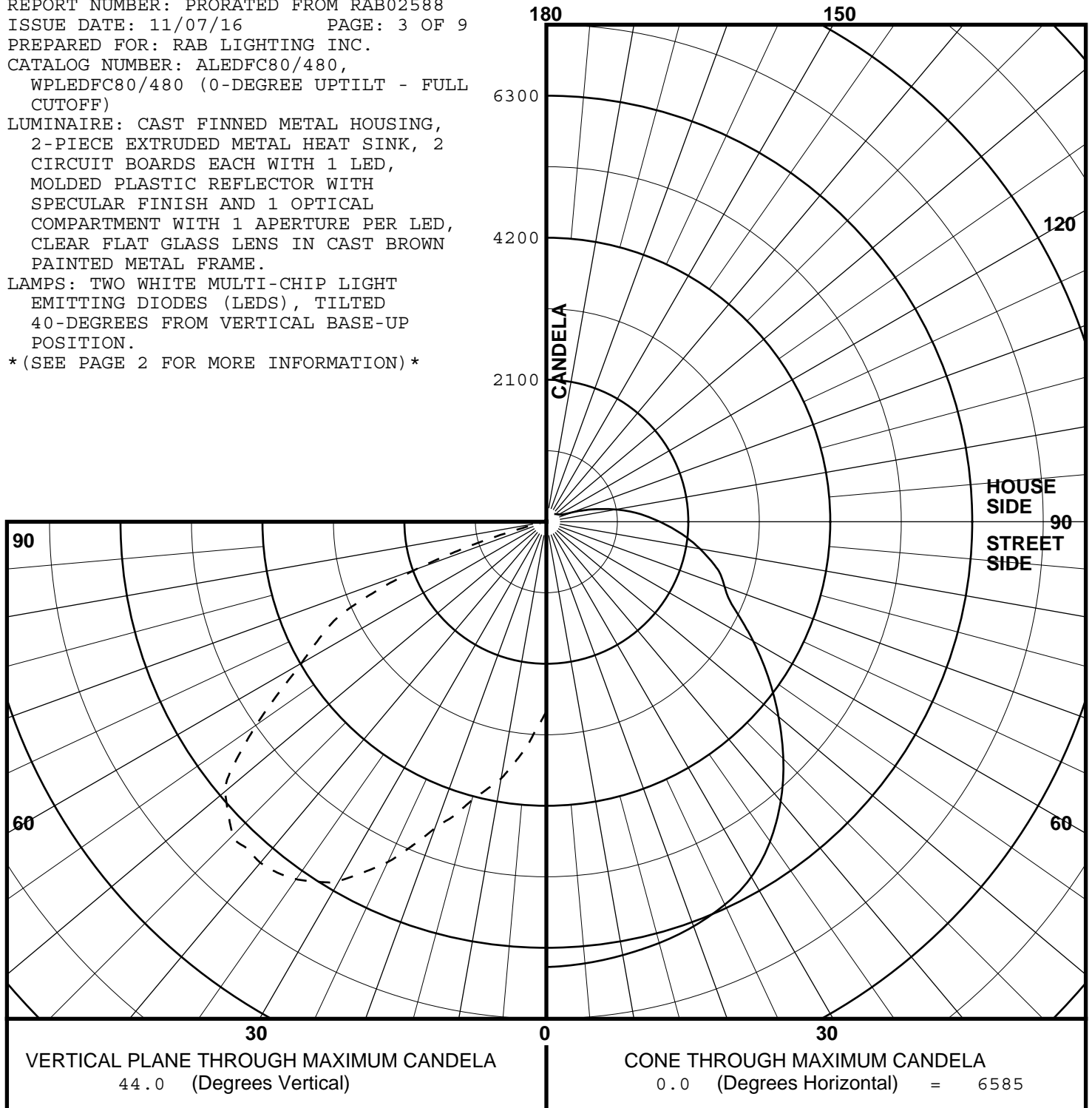
PAGE: 2 OF 9

ADDITIONAL INFORMATION

NOTE: THIS REPORT WAS PRORATED FROM RAB02588 WHICH WAS
ALEDFC80Y/WPLEDFC80Y. ACTUAL PERFORMANCE MAY VARY.
TOTAL INPUT WATTS = 82.5 W AT 480.0 VAC.
LED DRIVER: RD-H100-A2000-480
TEST PROCEDURE: IESNA LM-79-08

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

REPORT NUMBER: PRORATED FROM RAB02588
ISSUE DATE: 11/07/16 PAGE: 3 OF 9
PREPARED FOR: RAB LIGHTING INC.
CATALOG NUMBER: ALEDFC80/480,
WPLEDFC80/480 (0-DEGREE UPTILT - FULL
CUTOFF)
LUMINAIRE: CAST FINNED METAL HOUSING,
2-PIECE EXTRUDED METAL HEAT SINK, 2
CIRCUIT BOARDS EACH WITH 1 LED,
MOLDED PLASTIC REFLECTOR WITH
SPECULAR FINISH AND 1 OPTICAL
COMPARTMENT WITH 1 APERTURE PER LED,
CLEAR FLAT GLASS LENS IN CAST BROWN
PAINTED METAL FRAME.
LAMPS: TWO WHITE MULTI-CHIP LIGHT
EMITTING DIODES (LEDs), TILTED
40-DEGREES FROM VERTICAL BASE-UP
POSITION.
(SEE PAGE 2 FOR MORE INFORMATION)



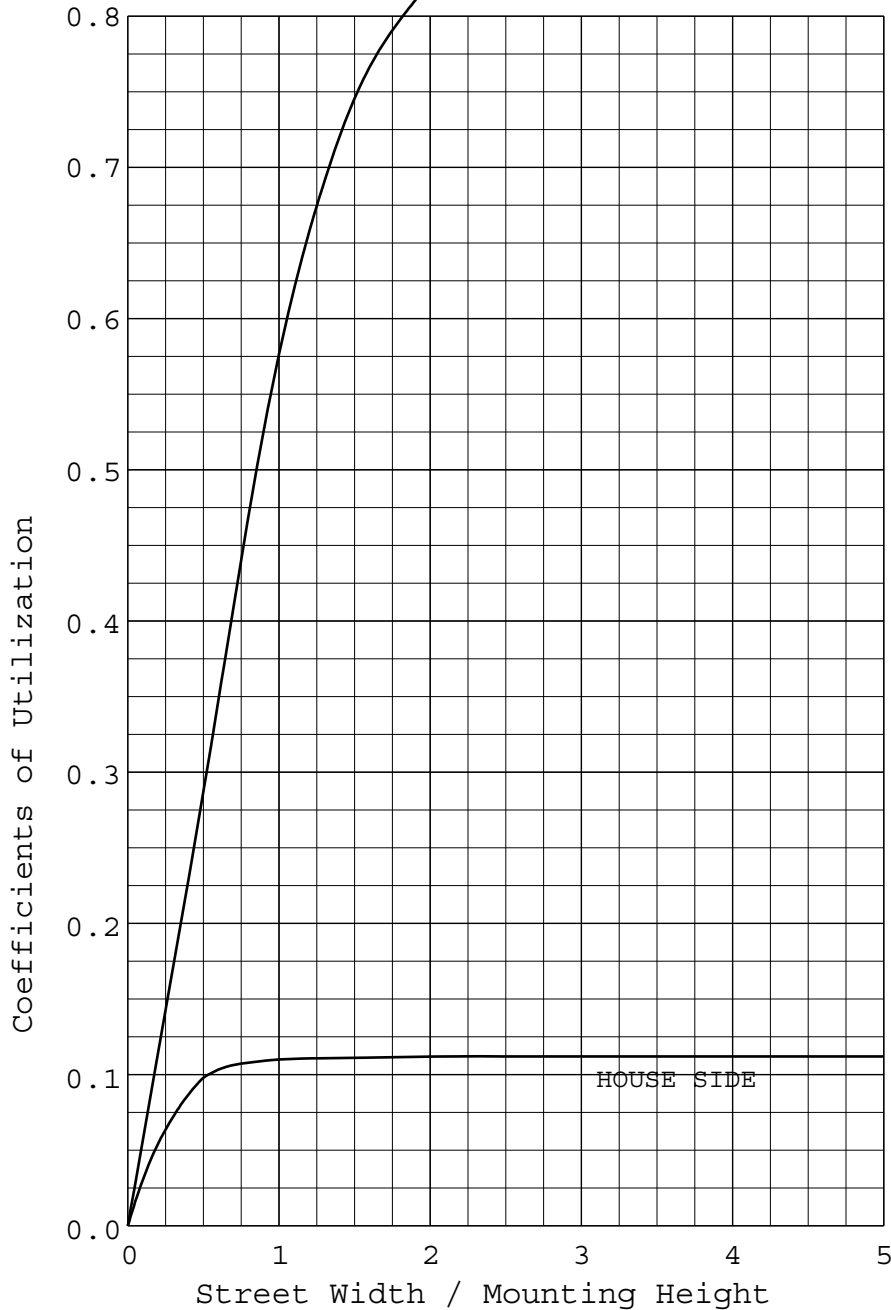
REPORT NUMBER: PRORATED FROM RAB02588

PAGE: 4 OF 9

ISSUE DATE: 11/07/16

PREPARED FOR: RAB LIGHTING INC STREET SIDE

COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	8371.	88.7
DOWNWARD HOUSE SIDE	1064.	11.3
DOWNWARD TOTAL	9434.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	9434.	100.0

TOTAL INPUT WATTS = 82.5
EFFICACY = 114.4 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.

REPORT NUMBER: PRORATED FROM RAB02588
 ISSUE DATE: 11/07/16
 PREPARED FOR: RAB LIGHTING INC.

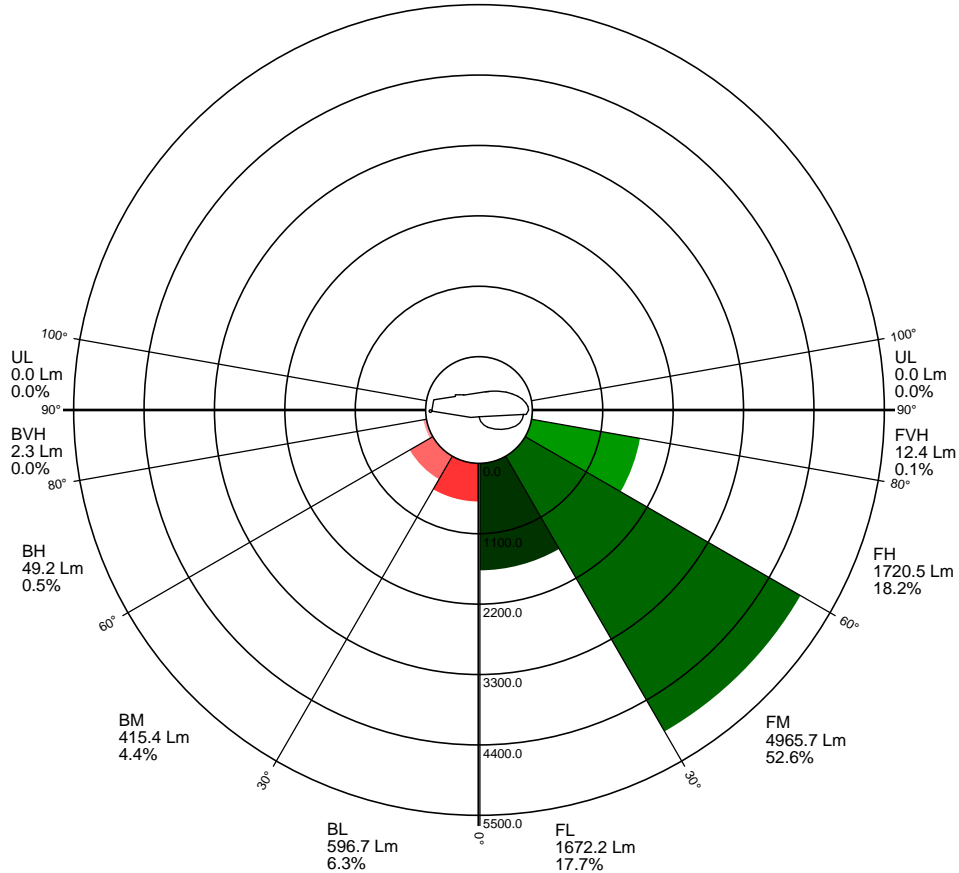
PAGE: 5 OF 9

BUG Rating:				B2 U0 G1		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		8371	88.7			
FL	(0° - 30°)	1672.2	17.7			
FM	(30° - 60°)	4965.7	52.6			
FH	(60° - 80°)	1720.5	18.2			G1
FVH	(80° - 90°)	12.4	0.1			G1
Backward		1064	11.3			
BL	(0° - 30°)	596.7	6.3	B2		
BM	(30° - 60°)	415.4	4.4	B1		
BH	(60° - 80°)	49.2	0.5	B0		G0
BVH	(80° - 90°)	2.3	0.0			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		9434	100.0			

Zonal Lumen Summary

(Linear scale)

UH
0.0 Lm
0.0%

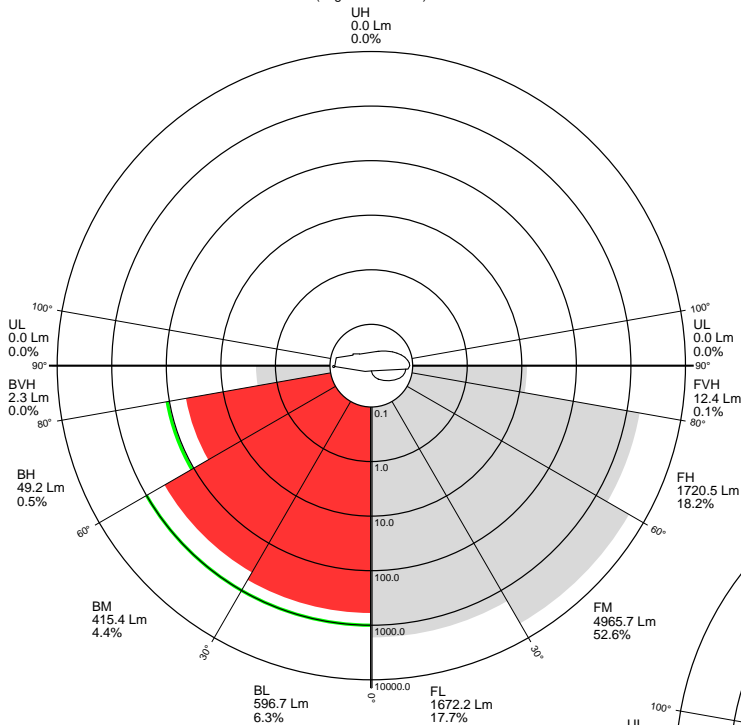


REPORT NUMBER: PRORATED FROM RAB02588
ISSUE DATE: 11/07/16
PREPARED FOR: RAB LIGHTING INC.

PAGE: 6 OF 9

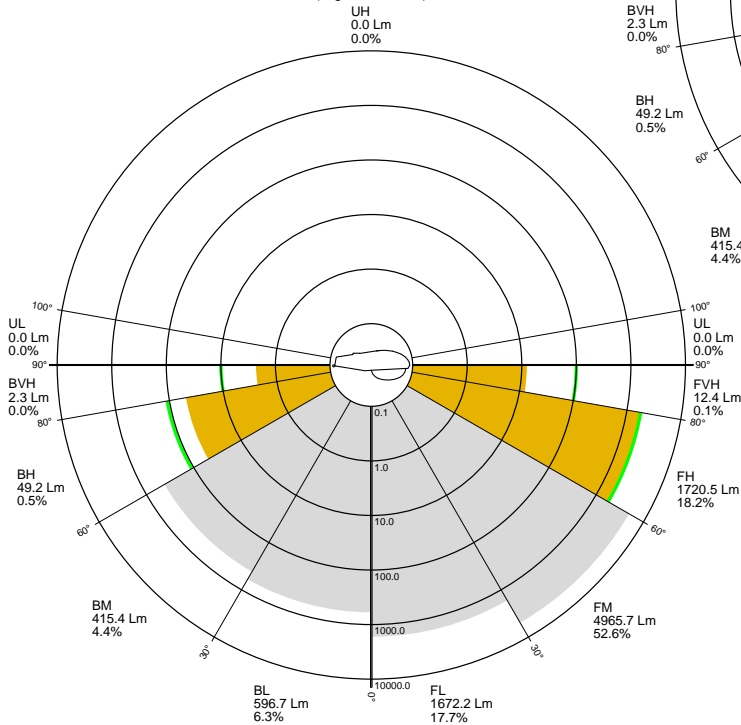
Backlight Rating Details

(Logarithmic scale)



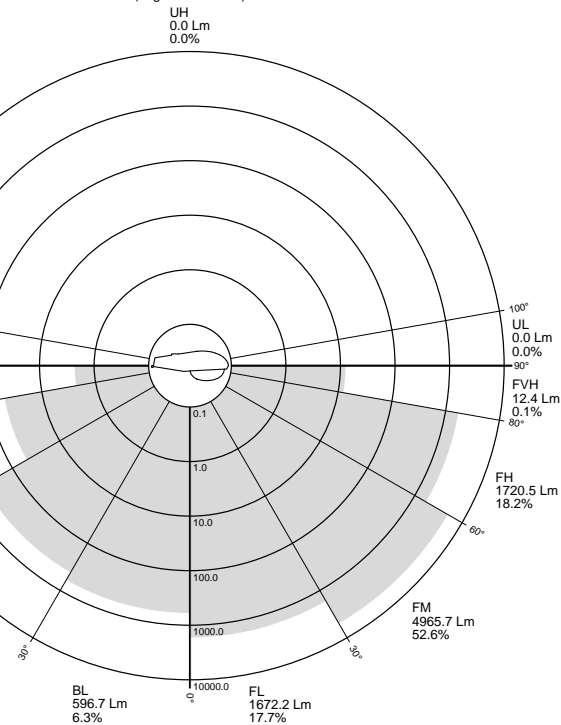
Glare Rating Details

(Logarithmic scale)



Uplight Rating Details

(Logarithmic scale)



REPORT NUMBER: PRORATED FROM RAB02588
 ISSUE DATE: 11/07/16
 PREPARED FOR: RAB LIGHTING INC.

PAGE: 7 OF 9

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	0.	0.	0.	0.	0.	0.	0.	0.	0.
	165.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	155.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	145.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	135.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	125.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	115.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	105.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	95.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	90.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	87.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
	85.0	1.	1.	2.	4.	5.	7.	9.	12.	10. 10.
	82.5	15.	15.	15.	19.	20.	19.	31.	103.	53. 11.
V	80.0	37.	42.	45.	70.	72.	121.	213.	260.	115. 12.
E	77.5	127.	133.	137.	233.	378.	607.	555.	414.	228. 31.
R	75.0	439.	499.	583.	830.	1062.	1283.	1038.	714.	379. 92.
T	72.5	1159.	1249.	1355.	1631.	1793.	1928.	1484.	1154.	626. 247.
I	70.0	2033.	2095.	2181.	2369.	2454.	2336.	1945.	1598.	910. 451.
C	67.5	2828.	2878.	2933.	3002.	2867.	2761.	2367.	1917.	1167. 678.
A	65.0	3469.	3492.	3459.	3342.	3251.	3248.	2770.	2174.	1382. 878.
L	62.5	3820.	3841.	3775.	3725.	3706.	3741.	3058.	2379.	1568. 1075.
	60.0	4185.	4216.	4169.	4198.	4253.	4229.	3287.	2539.	1721. 1238.
A	57.5	4680.	4700.	4672.	4725.	4810.	4500.	3478.	2668.	1857. 1387.
N	55.0	5236.	5242.	5194.	5266.	5282.	4688.	3634.	2779.	1997. 1512.
G	52.5	5782.	5790.	5735.	5764.	5469.	4815.	3768.	2876.	2143. 1636.
L	50.0	6206.	6211.	6126.	5976.	5669.	4904.	3878.	2957.	2278. 1751.
E	47.5	6386.	6366.	6258.	6197.	5745.	4964.	3963.	3024.	2411. 1858.
	45.0	6564.	6544.	6448.	6244.	5770.	4968.	4007.	3065.	2546. 1960.
	44.0<<	6585.	6556.	6449.	6248.	5771.	4957.	4008.	3079.	2602. 2001.
	42.5	6554.	6541.	6460.	6241.	5750.	4944.	4001.	3118.	2688. 2069.
	40.0	6582.	6584.	6430.	6164.	5675.	4911.	3988.	3214.	2821. 2183.
	37.5	6539.	6537.	6361.	6035.	5596.	4845.	3950.	3309.	2944. 2302.
	35.0	6453.	6438.	6262.	5899.	5473.	4749.	3906.	3402.	3040. 2414.
	30.0	6134.	6114.	5893.	5543.	5139.	4502.	3963.	3555.	3146. 2592.
	25.0	5553.	5519.	5330.	5015.	4690.	4290.	3940.	3606.	3201. 2719.
	20.0	4823.	4810.	4706.	4559.	4355.	4069.	3836.	3557.	3203. 2799.
	15.0	4269.	4237.	4180.	4116.	4036.	3866.	3670.	3417.	3136. 2839.
	10.0	3856.	3866.	3867.	3791.	3712.	3539.	3402.	3220.	3034. 2844.
	5.0	3336.	3319.	3346.	3283.	3249.	3144.	3087.	3005.	2924. 2829.
	0.0	2809.	2809.	2809.	2809.	2809.	2809.	2809.	2809.	2809. 2809.
		PLANE OF MAXIMUM CANDELA								
		CONE OF MAXIMUM CANDELA								

REPORT NUMBER: PRORATED FROM RAB02588
 ISSUE DATE: 11/07/16
 PREPARED FOR: RAB LIGHTING INC.

PAGE: 8 OF 9

CANDELA TABULATION

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.	0.
	175.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	165.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	155.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	145.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	135.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	125.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	115.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	105.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	95.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	90.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	87.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	85.0	10.	10.	9.	9.	8.	7.	5.	4.	3.	2.	2.
	82.5	11.	10.	10.	9.	8.	7.	5.	4.	3.	2.	2.
V	80.0	11.	11.	11.	11.	9.	7.	5.	4.	3.	2.	2.
E	77.5	12.	11.	16.	24.	10.	7.	6.	4.	3.	2.	2.
R	75.0	29.	26.	33.	26.	15.	8.	6.	5.	4.	3.	3.
T	72.5	129.	73.	63.	25.	18.	9.	7.	6.	7.	6.	6.
I	70.0	277.	135.	88.	27.	19.	12.	8.	8.	10.	9.	9.
C	67.5	437.	227.	115.	31.	18.	13.	11.	12.	14.	13.	13.
A	65.0	597.	358.	146.	50.	19.	14.	14.	16.	20.	20.	20.
L	62.5	761.	485.	170.	86.	24.	15.	16.	19.	24.	25.	25.
	60.0	903.	617.	185.	113.	32.	16.	17.	23.	28.	29.	30.
A	57.5	1046.	747.	215.	136.	55.	24.	20.	25.	29.	31.	32.
N	55.0	1177.	876.	273.	158.	91.	35.	27.	28.	30.	32.	32.
G	52.5	1298.	1001.	356.	178.	123.	57.	38.	32.	32.	33.	33.
L	50.0	1416.	1115.	456.	202.	147.	92.	51.	43.	39.	37.	37.
E	47.5	1529.	1217.	554.	215.	167.	126.	79.	55.	54.	53.	53.
	45.0	1636.	1329.	660.	234.	186.	151.	118.	88.	74.	66.	66.
	44.0<<	1677.	1374.	706.	249.	196.	162.	133.	109.	93.	79.	79.
	42.5	1743.	1445.	781.	284.	218.	176.	157.	144.	130.	113.	114.
	40.0	1864.	1566.	922.	386.	251.	211.	203.	204.	202.	189.	191.
	37.5	1988.	1703.	1092.	526.	289.	262.	253.	259.	268.	265.	262.
	35.0	2115.	1841.	1262.	696.	359.	327.	303.	314.	329.	332.	330.
	30.0	2334.	2096.	1584.	1049.	641.	444.	427.	439.	433.	434.	433.
	25.0	2501.	2299.	1869.	1424.	1021.	736.	558.	508.	513.	521.	524.
	20.0	2619.	2457.	2113.	1761.	1425.	1146.	940.	797.	724.	683.	683.
	15.0	2701.	2577.	2318.	2070.	1818.	1606.	1421.	1279.	1189.	1148.	1154.
	10.0	2750.	2669.	2509.	2344.	2193.	2050.	1925.	1841.	1777.	1733.	1748.
	5.0	2781.	2745.	2674.	2606.	2544.	2466.	2401.	2363.	2343.	2295.	2328.
	0.0	2809.	2809.	2809.	2809.	2809.	2809.	2809.	2809.	2809.	2809.	2809.

CONE OF MAXIMUM CANDELA

REPORT NUMBER: PRORATED FROM RAB02588
 ISSUE DATE: 11/07/16
 PREPARED FOR: RAB LIGHTING INC.

PAGE: 9 OF 9

5-DEGREE ZONAL LUMEN SUMMARY

0- 5	67
5- 10	201
10- 15	327
15- 20	443
20- 25	557
25- 30	674
30- 35	781
35- 40	867
40- 45	931
45- 50	971
50- 55	958
55- 60	874
60- 65	749
65- 70	585
70- 75	337
75- 80	98
80- 85	14
85- 90	1
90- 95	0
95-100	0
100-105	0
105-110	0
110-115	0
115-120	0
120-125	0
125-130	0
130-135	0
135-140	0
140-145	0
145-150	0
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	268
0- 20	1039
0- 30	2269
0- 40	3916
0- 50	5818
0- 60	7650
0- 70	8985
0- 80	9420
0- 90	9434
0-100	9434
0-110	9434
0-120	9434
0-130	9434
0-140	9434
0-150	9434
0-160	9434
0-170	9434
0-180	9434