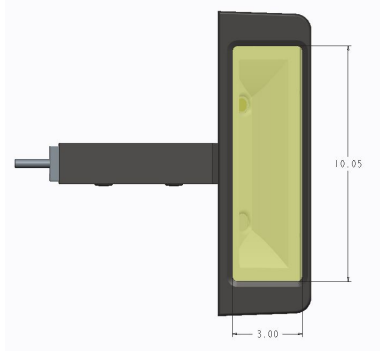


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 20 foot mounting height.



REPORT NUMBER: PRORATED FROM RAB02588
 ISSUE DATE: 10/28/16 PAGE: 1 OF 9
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALEDFC52Y/480,
 WPLEDFC52Y/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.

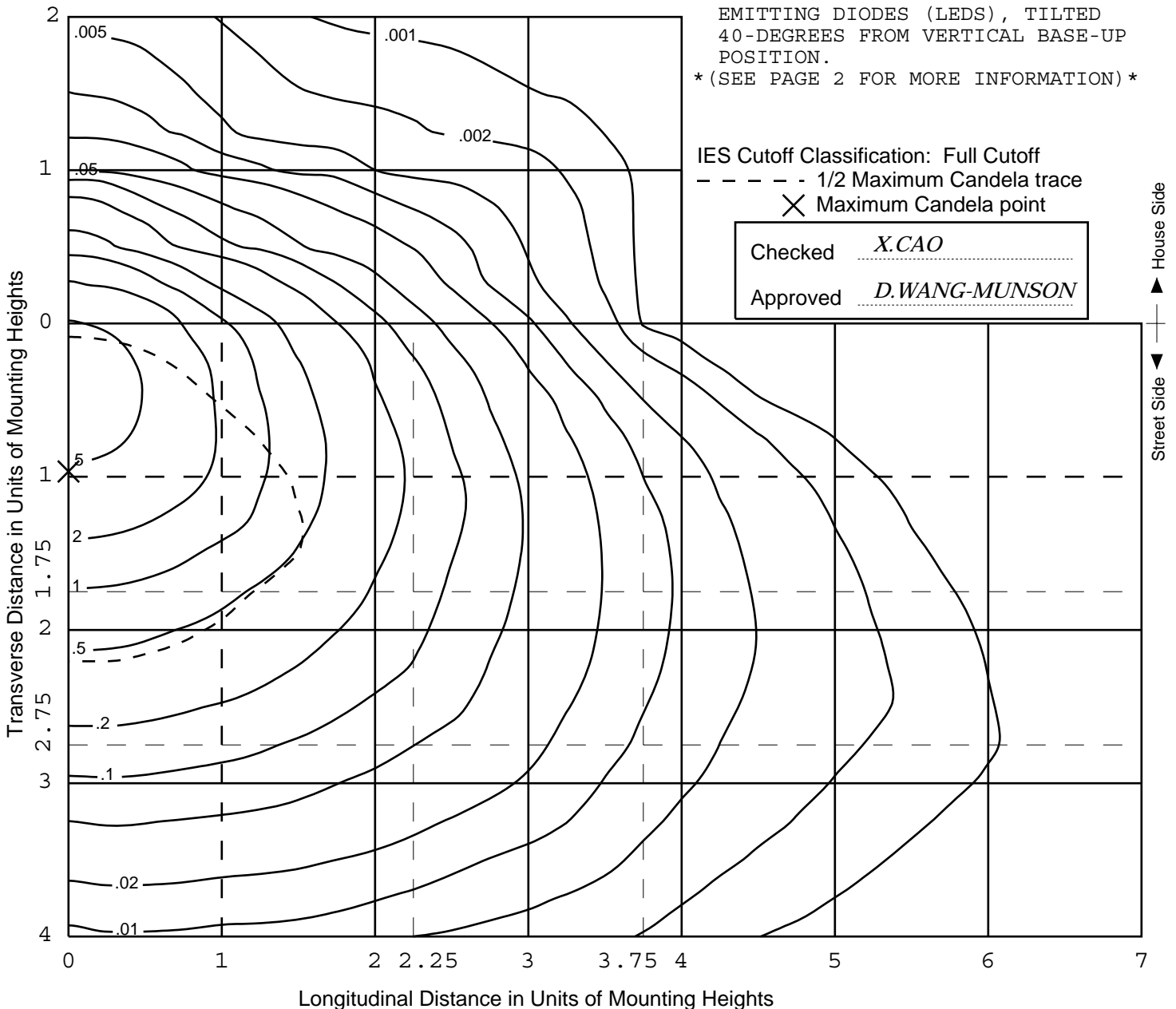
LAMPS: TWO WHITE MULTI-CHIP LIGHT
 EMITTING DIODES (LEDs), TILTED
 40-DEGREES FROM VERTICAL BASE-UP
 POSITION.

(SEE PAGE 2 FOR MORE INFORMATION)

IES Cutoff Classification: Full Cutoff

--- 1/2 Maximum Candela trace

X Maximum Candela point



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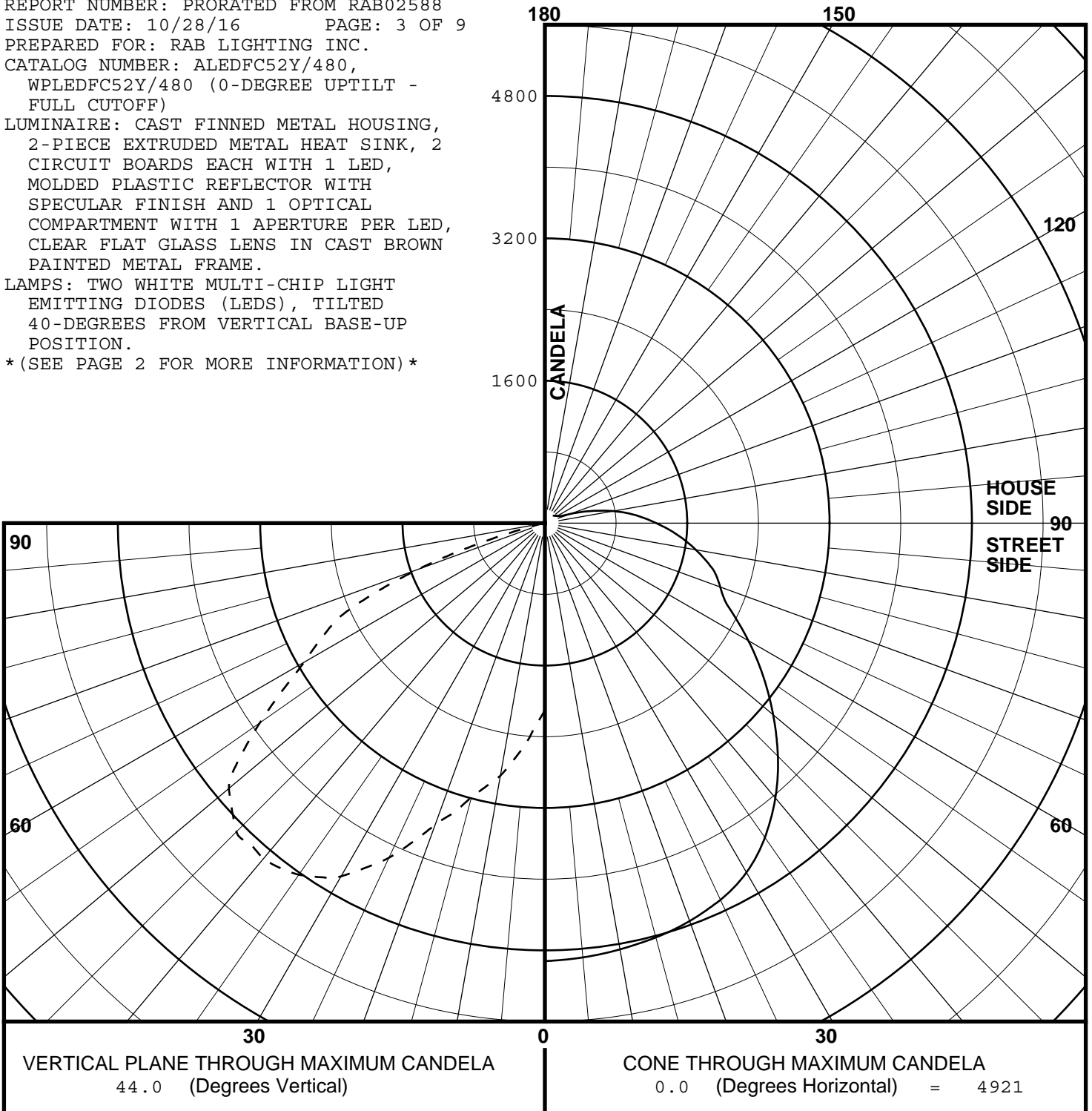
PAGE: 2 OF 9

ADDITIONAL INFORMATION

NOTE: THIS REPORT WAS PRORATED FROM RAB02588 WHICH WAS ALEDFC80Y,
WPLED80Y. ACTUAL PERFORMANCE MAY VARY.
TOTAL INPUT WATTS = 57.8 W AT 480.0 VAC.
LED DRIVER: RD-H065-A1810-480
TEST PROCEDURE: IESNA LM-79-08

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

REPORT NUMBER: PRORATED FROM RAB02588
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PREPARED FOR: RAB LIGHTING INC.
CATALOG NUMBER: ALEDFC52Y/480,
WPLED52Y/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)



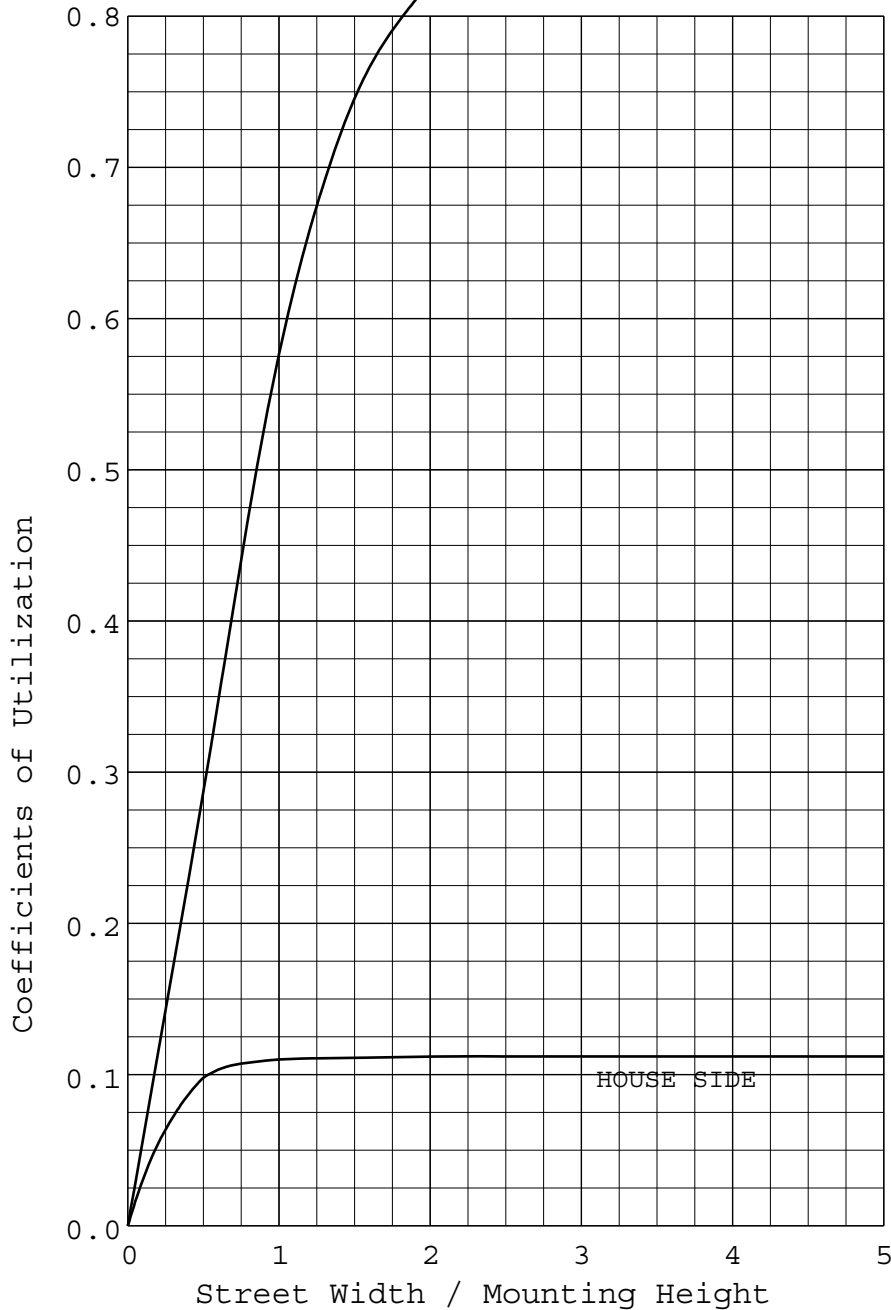
REPORT NUMBER: PRORATED FROM RAB02588

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ISSUE DATE: 10/28/16

PREPARED FOR: RAB LIGHTING INC STREET SIDE

COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	6255.	88.7
DOWNWARD HOUSE SIDE	795.	11.3
DOWNWARD TOTAL	7050.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	7050.	100.0

TOTAL INPUT WATTS = 57.8
EFFICACY = 122.0 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: 10/28/16
 PREPARED FOR: RAB LIGHTING INC.

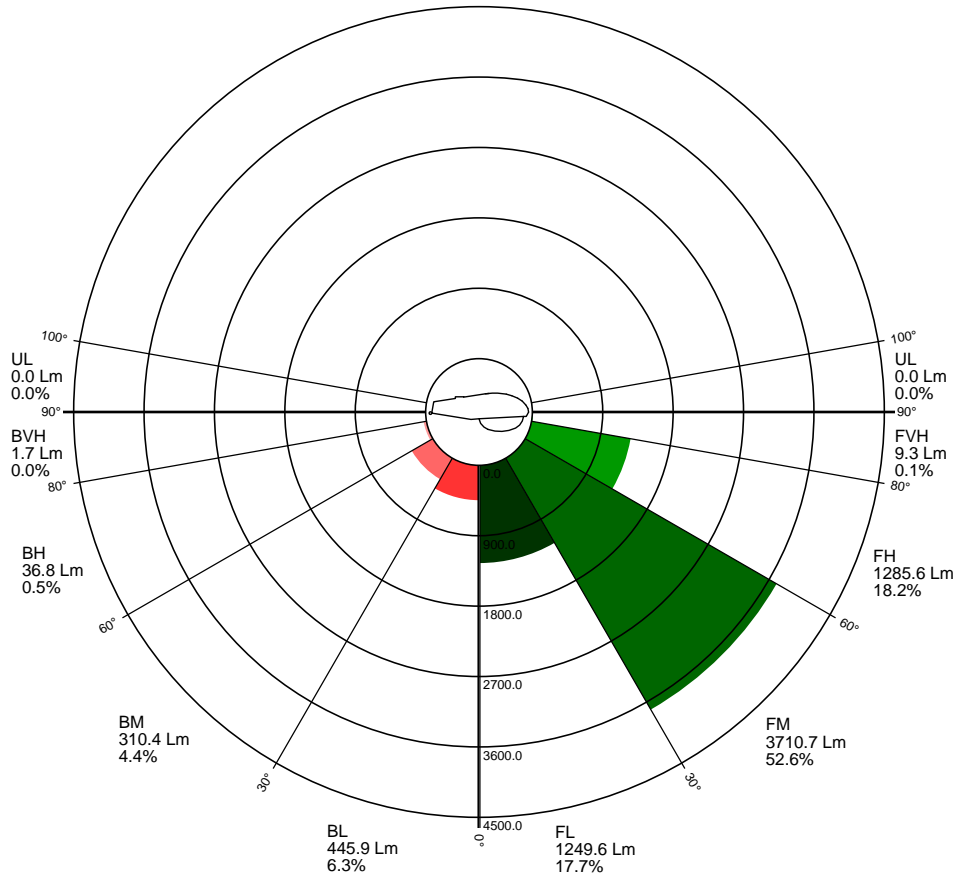
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BUG Rating:				B1 U0 G1		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		6255	88.7			
FL	(0° - 30°)	1249.6	17.7			
FM	(30° - 60°)	3710.7	52.6			
FH	(60° - 80°)	1285.6	18.2			G1
FVH	(80° - 90°)	9.3	0.1			G0
Backward		795	11.3			
BL	(0° - 30°)	445.9	6.3	B1		
BM	(30° - 60°)	310.4	4.4	B1		
BH	(60° - 80°)	36.8	0.5	B0		G0
BVH	(80° - 90°)	1.7	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		7050	100.0			

Zonal Lumen Summary

(Linear scale)

UH
0.0 Lm
0.0%

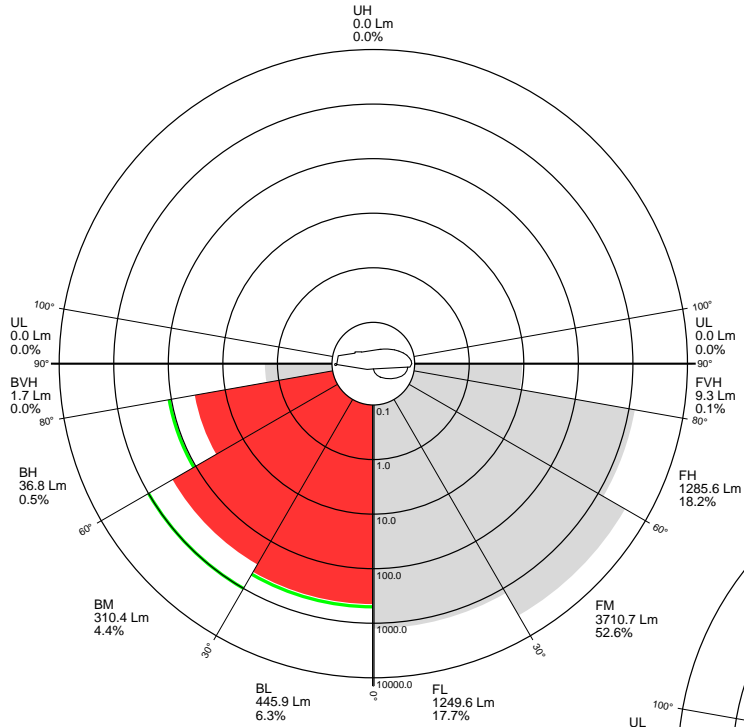


REPORT NUMBER: PRORATED FROM RAB02588
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 PREPARED FOR: RAB LIGHTING INC.

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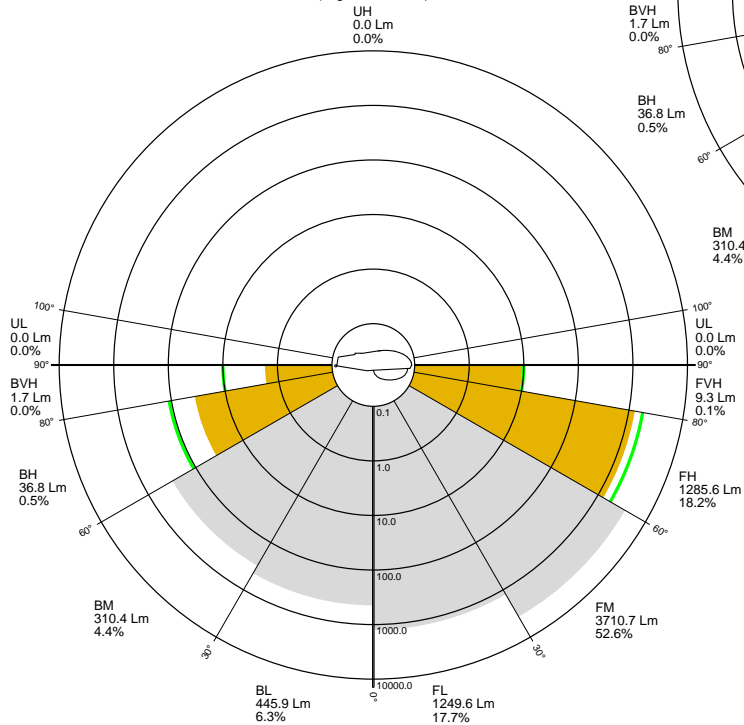
Backlight Rating Details

(Logarithmic scale)



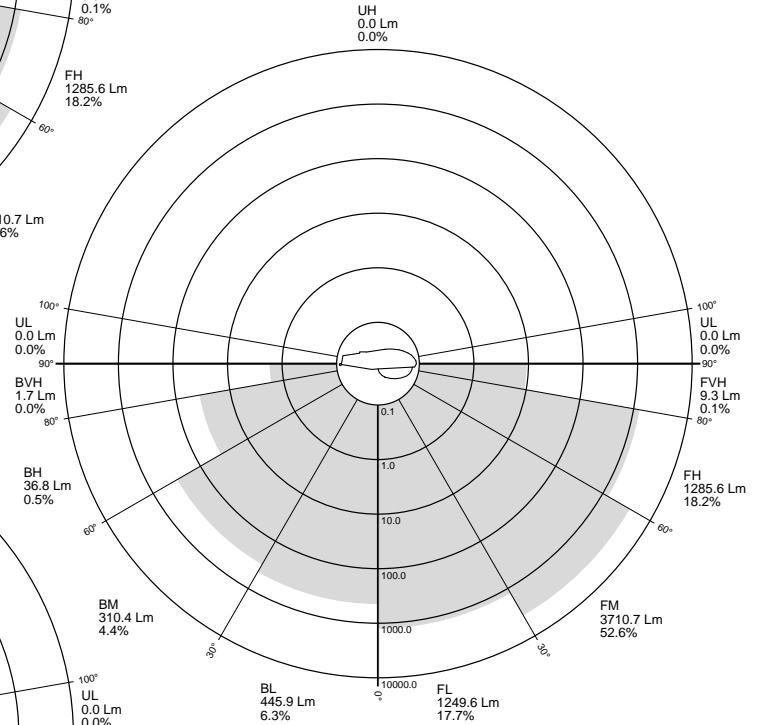
Glare Rating Details

(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	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.	3.	4.	5.	7.	9.	8.
	82.5	11.	11.	11.	15.	15.	15.	23.	77.	40.
	80.0	28.	31.	34.	52.	54.	90.	159.	194.	86.
V	77.5	95.	100.	103.	174.	283.	453.	415.	309.	171.
E	75.0	328.	373.	436.	620.	793.	959.	776.	534.	283.
R	72.5	866.	933.	1012.	1219.	1340.	1441.	1109.	862.	468.
T	70.0	1519.	1566.	1630.	1770.	1834.	1746.	1453.	1194.	680.
I	67.5	2113.	2151.	2191.	2243.	2142.	2064.	1769.	1433.	872.
C	65.0	2593.	2609.	2585.	2498.	2430.	2427.	2070.	1625.	1033.
A	62.5	2854.	2871.	2821.	2783.	2769.	2796.	2285.	1778.	1171.
L	60.0	3127.	3151.	3116.	3137.	3178.	3160.	2456.	1897.	1286.
A	57.5	3497.	3512.	3492.	3531.	3594.	3363.	2599.	1994.	1387.
N	55.0	3913.	3917.	3881.	3935.	3947.	3503.	2716.	2077.	1492.
G	52.5	4321.	4327.	4286.	4307.	4086.	3598.	2815.	2149.	1601.
L	50.0	4638.	4642.	4578.	4465.	4237.	3665.	2898.	2210.	1702.
E	47.5	4772.	4757.	4676.	4631.	4293.	3710.	2962.	2260.	1802.
	45.0	4905.	4890.	4818.	4666.	4312.	3712.	2995.	2290.	1903.
	44.0<<	4921.	4899.	4819.	4669.	4312.	3704.	2995.	2301.	1944.
	42.5	4897.	4888.	4828.	4664.	4297.	3694.	2990.	2330.	2008.
	40.0	4919.	4920.	4805.	4606.	4240.	3670.	2980.	2402.	2108.
	37.5	4887.	4885.	4753.	4510.	4181.	3620.	2952.	2472.	2200.
	35.0	4822.	4811.	4679.	4408.	4090.	3549.	2919.	2542.	2272.
	30.0	4583.	4569.	4403.	4142.	3840.	3364.	2962.	2656.	2351.
	25.0	4149.	4124.	3983.	3747.	3505.	3206.	2944.	2694.	2392.
	20.0	3604.	3594.	3517.	3407.	3254.	3041.	2867.	2658.	2394.
	15.0	3190.	3166.	3123.	3076.	3016.	2889.	2743.	2554.	2344.
	10.0	2881.	2889.	2890.	2833.	2774.	2645.	2542.	2407.	2267.
	5.0	2493.	2480.	2500.	2453.	2428.	2349.	2307.	2246.	2185.
	0.0	2099.	2099.	2099.	2099.	2099.	2099.	2099.	2099.	2099.
		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	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	8.	8.	7.	7.	6.	5.	4.	3.	2.	2.	2.
	82.5	8.	8.	8.	7.	6.	5.	4.	3.	2.	2.	2.
V	80.0	8.	8.	8.	8.	7.	5.	4.	3.	2.	2.	2.
E	77.5	9.	8.	12.	18.	8.	5.	5.	3.	2.	2.	2.
R	75.0	21.	19.	25.	19.	11.	6.	5.	4.	3.	2.	2.
T	72.5	96.	54.	47.	18.	14.	7.	5.	5.	5.	5.	5.
I	70.0	207.	101.	66.	20.	15.	9.	6.	6.	8.	7.	7.
C	67.5	326.	170.	86.	23.	14.	10.	8.	9.	11.	10.	10.
A	65.0	446.	267.	109.	38.	15.	11.	11.	12.	15.	15.	15.
L	62.5	569.	362.	127.	64.	18.	11.	12.	15.	18.	18.	18.
	60.0	675.	461.	139.	84.	24.	12.	13.	17.	21.	21.	22.
A	57.5	782.	558.	161.	102.	41.	18.	15.	18.	21.	23.	24.
N	55.0	880.	655.	204.	118.	68.	26.	20.	21.	22.	24.	24.
G	52.5	970.	748.	266.	133.	92.	43.	28.	24.	24.	25.	25.
L	50.0	1058.	833.	341.	151.	109.	69.	38.	32.	29.	28.	28.
E	47.5	1142.	910.	414.	161.	125.	94.	59.	41.	41.	40.	40.
	45.0	1223.	993.	493.	175.	139.	113.	88.	66.	55.	49.	49.
	44.0<<	1253.	1027.	528.	186.	146.	121.	100.	81.	70.	59.	59.
	42.5	1302.	1080.	583.	212.	163.	132.	117.	108.	97.	84.	85.
	40.0	1393.	1170.	689.	289.	188.	158.	152.	152.	151.	141.	142.
	37.5	1485.	1273.	816.	393.	216.	196.	189.	194.	201.	198.	196.
	35.0	1580.	1376.	943.	520.	268.	244.	227.	234.	246.	248.	247.
	30.0	1744.	1567.	1184.	784.	479.	332.	319.	328.	324.	325.	324.
	25.0	1869.	1718.	1397.	1064.	763.	550.	417.	380.	384.	389.	391.
	20.0	1957.	1836.	1579.	1316.	1065.	856.	702.	596.	541.	511.	511.
	15.0	2018.	1926.	1732.	1547.	1358.	1200.	1062.	956.	888.	858.	862.
	10.0	2055.	1995.	1875.	1752.	1639.	1532.	1439.	1376.	1328.	1295.	1306.
	5.0	2078.	2051.	1998.	1947.	1901.	1843.	1794.	1766.	1751.	1715.	1740.
	0.0	2099.	2099.	2099.	2099.	2099.	2099.	2099.	2099.	2099.	2099.	2099.

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	50
5- 10	150
10- 15	245
15- 20	331
20- 25	416
25- 30	503
30- 35	584
35- 40	648
40- 45	696
45- 50	725
50- 55	716
55- 60	653
60- 65	560
65- 70	438
70- 75	252
75- 80	73
80- 85	10
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	200
0- 20	776
0- 30	1695
0- 40	2927
0- 50	4348
0- 60	5717
0- 70	6714
0- 80	7039
0- 90	7050
0-100	7050
0-110	7050
0-120	7050
0-130	7050
0-140	7050
0-150	7050
0-160	7050
0-170	7050
0-180	7050