

REPORT NUMBER: SCALED FROM RAB00932

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ISSUE DATE: 06/09/15

PREPARED FOR: RAB LIGHTING INC.

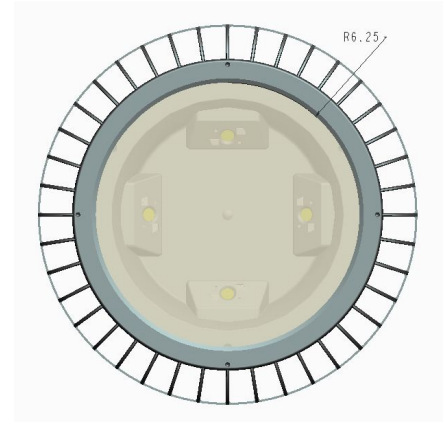
CATALOG NUMBER: BAYLED104NW/BL+GDBAYLED78FP (Clear Flat Glass Lens with Frosted Polyshield - standoffs installed)

(SEE PAGE 2 FOR MORE INFORMATION)

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0	
0	1544	1544	1544	1544	1544	
5	1536	1536	1536	1536	1536	146
15	1470	1471	1471	1470	1470	414
25	1341	1340	1340	1341	1339	617
35	1167	1167	1167	1168	1170	730
45	964	965	968	965	967	745
55	760	761	761	760	760	680
65	554	583	541	575	548	549
75	303	374	429	382	309	403
85	74	70	70	69	76	111
90	9	10	10	11	11	
95	44	47	46	47	44	49
105	78	87	88	87	78	87
115	59	60	59	60	59	60
125	36	37	35	37	36	33
135	20	20	19	20	19	15
145	6	6	7	6	7	4
155	6	5	5	5	5	2
165	5	5	5	5	5	1
175	2	2	3	2	2	0
180	2	2	2	2	2	

FLUX



ZONAL LUMEN SUMMARY

ZONE	LUMENS	%FIXT
0- 30	1178	25.3
0- 40	1908	41.1
0- 60	3333	71.7
0- 90	4396	94.6
90-120	195	4.2
90-130	227	4.9
90-150	247	5.3
90-180	251	5.4
0-180	4647	100.0

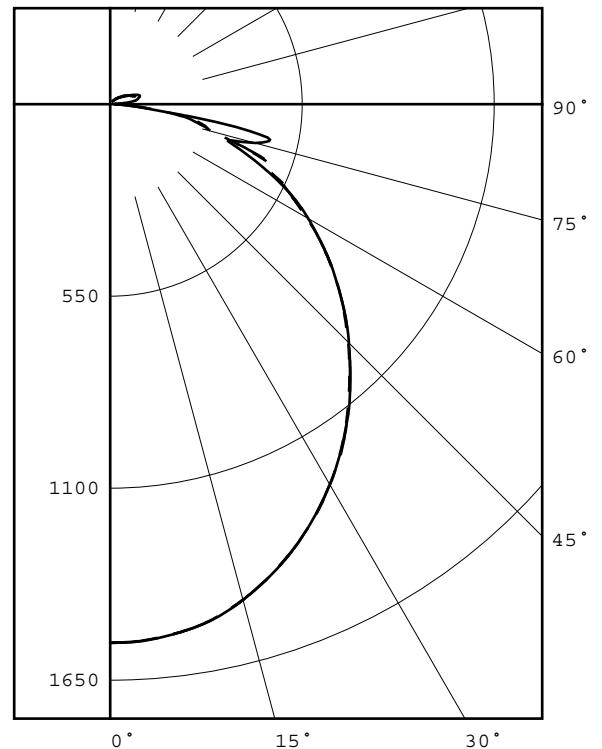
TOTAL INPUT WATTS = 58.685

EFFICACY = 79.2 Lm/W

CIE TYPE - DIRECT

PLANE : 0-DEG 90-DEG

SPACING CRITERIA : 1.2 1.2



LEGEND:

0-deg: - - - - -
 45-deg: = = = = =
 90-deg: _ _ _ _ _

Checked X.CAO

Approved D.WANG-MUNSON

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ADDITIONAL INFORMATION

LUMINAIRE: CAST 2-PIECE WHITE PAINTED FINNDED METAL HOUSING, 2 FLAT METAL HEAT SINKS WITH 2 EXTRUDED METAL HEAT SINKS, 2 CIRCUIT BOARDS EACH WITH 1 LED AND MOLDED PLASTIC REFLECTOR WITH SPECULAR FINISH, MOLDED PLASTIC TRIM WITH SPECULAR FINISH AND 1 APERTURE PER LED, CLEAR FLAT GLASS LENS IN CAST WHITE PAINTED METAL LENS FRAME, WITH FROSTED POLYSHIELD IN FRONT HOLDED BY 2 METAL SHAFTS.
LAMPS: TWO WHITE MULTI-CHIP LIGHT EMITTING DIODES (LEDS), TILTED 30-DEGREES FROM VERTICAL BASE-UP POSITION.
NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
TOTAL INPUT WATTS: 58.685 W AT 277.0 VOLTS
TEST PROCEDURE: IESNA LM-79-08
TEST DISTANCE: 28.25 FEET
PREPARED FOR: RAB LIGHTING INC.
LED DRIVER: TWO RAB RD26
ACCREDITED LABORATORY CODE 201058-0

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PLANE : 0-DEG 90-DEG
BEAM ANGLE (50%) : 108.8 X 108.9 DEGREES
FIELD ANGLE (10%) : 164.4 X 164.4 DEGREES

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CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0.0	1544	1544	1544	1544	1544
5.0	1536	1536	1536	1536	1536
10.0	1514	1514	1514	1514	1514
15.0	1470	1471	1471	1470	1470
20.0	1410	1412	1411	1412	1411
25.0	1341	1340	1340	1341	1339
30.0	1260	1258	1259	1260	1258
35.0	1167	1167	1167	1168	1170
40.0	1066	1067	1069	1067	1069
45.0	964	965	968	965	967
50.0	865	861	864	862	865
55.0	760	761	761	760	760
60.0	650	666	656	681	651
65.0	554	583	541	575	548
70.0	475	416	414	414	481
75.0	303	374	429	382	309
80.0	226	308	346	308	223
85.0	74	70	70	69	76
90.0	9	10	10	11	11
95.0	44	47	46	47	44
100.0	77	81	79	80	76
105.0	78	87	88	87	78
110.0	69	76	79	77	69
115.0	59	60	59	60	59
120.0	48	47	44	47	48
125.0	36	37	35	37	36
130.0	27	28	27	28	27
135.0	20	20	19	20	19
140.0	12	12	12	12	12
145.0	6	6	7	6	7
150.0	5	5	5	5	5
155.0	6	5	5	5	5
160.0	6	5	6	5	6
165.0	5	5	5	5	5
170.0	4	4	4	4	4
175.0	2	2	3	2	2
180.0	2	2	2	2	2

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ZONAL LUMEN SUMMARY

0- 5	37.
5- 10	109.
10- 15	177.
15- 20	237.
20- 25	289.
25- 30	329.
30- 35	357.
35- 40	373.
40- 45	376.
45- 50	369.
50- 55	353.
55- 60	328.
60- 65	301.
65- 70	248.
70- 75	207.
75- 80	196.
80- 85	91.
85- 90	19.
90- 95	13.
95-100	35.
100-105	44.
105-110	42.
110-115	34.
115-120	26.
120-125	19.
125-130	14.
130-135	9.
135-140	6.
140-145	3.
145-150	2.
150-155	1.
155-160	1.
160-165	1.
165-170	0.
170-175	0.
175-180	0.

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	37
5- 10	109
10- 15	177
15- 20	237
20- 25	289
25- 30	329
30- 35	357
35- 40	373
40- 45	376
45- 50	369
50- 55	353
55- 60	328
60- 65	301
65- 70	248
70- 75	207
75- 80	196
80- 85	91
85- 90	19
90- 95	13
95-100	35
100-105	44
105-110	42
110-115	34
115-120	26
120-125	19
125-130	14
130-135	9
135-140	6
140-145	3
145-150	2
150-155	1
155-160	1
160-165	1
165-170	0
170-175	0
175-180	0

10-DEGREE ZONAL LUMEN SUMMARY

0- 10	146
0- 20	560
0- 30	1178
0- 40	1908
0- 50	2653
0- 60	3333
0- 70	3882
0- 80	4285
0- 90	4396
0-100	4445
0-110	4531
0-120	4591
0-130	4623
0-140	4639
0-150	4643
0-160	4645
0-170	4647
0-180	4647

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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

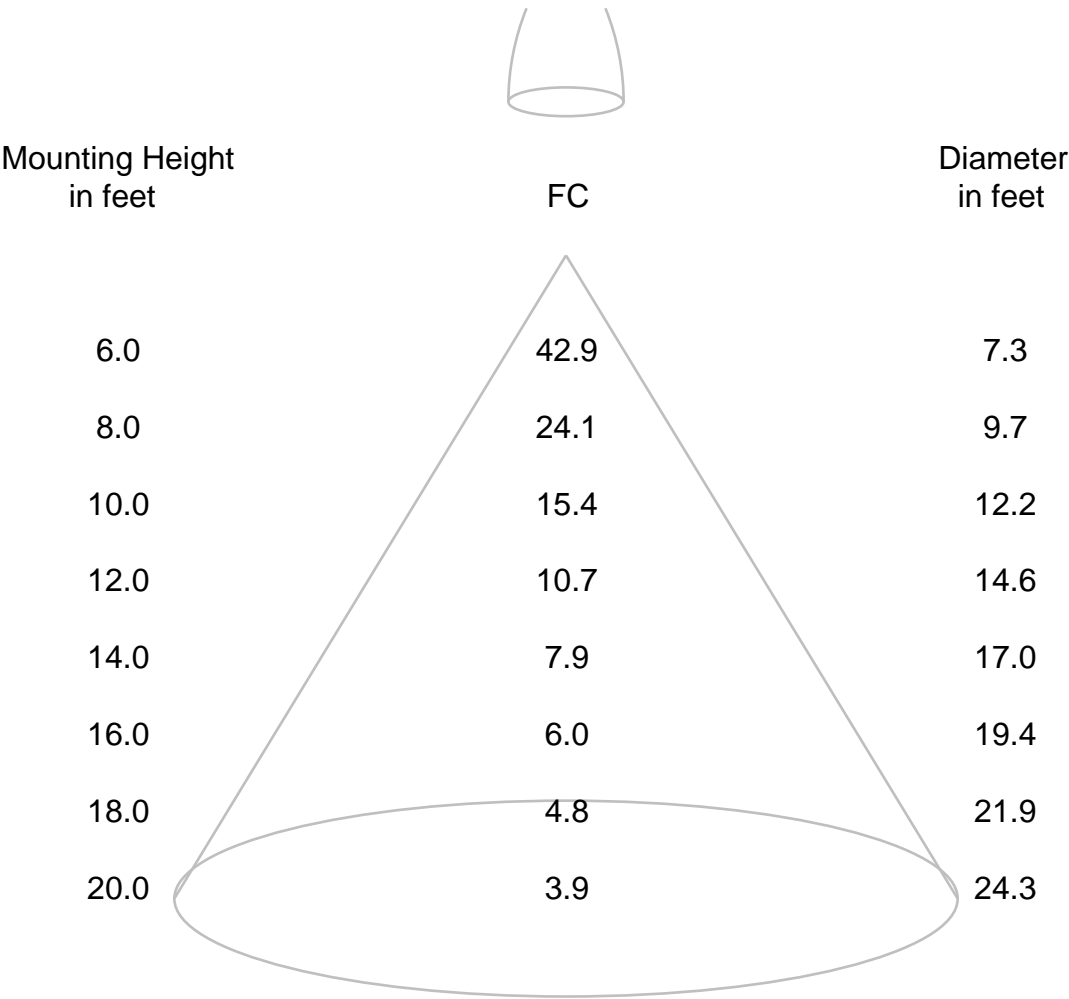
EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	95
1	107	102	97	93	104	99	95	91	94	90	87	89	86	84	85	82	80	78
2	97	88	81	75	94	86	79	74	82	76	71	77	73	69	74	70	67	64
3	88	77	69	62	85	75	68	61	72	65	60	68	62	58	65	60	56	54
4	81	68	59	53	78	67	58	52	63	56	51	60	54	49	58	52	48	46
5	74	61	52	45	72	60	51	45	57	49	44	54	48	43	52	46	42	39
6	68	55	46	39	66	54	45	39	51	44	38	49	43	37	47	41	37	35
7	63	50	41	35	61	49	40	34	47	39	34	45	38	33	43	37	33	31
8	59	45	37	31	57	44	36	31	43	35	30	41	35	30	39	34	29	27
9	55	42	33	28	53	41	33	28	39	32	27	38	31	27	36	31	26	25
10	52	38	31	25	50	38	30	25	36	29	25	35	29	24	34	28	24	22

ALL CANDELA, LUMENS, LUMINANCE, AND VCP VALUES 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.

CONE OF LIGHT DIAGRAM

(diameter shown is where fc value is half the fc at nadir)



Note: The candela values used to generate this diagram were obtained by averaging the photometric data into a single plane.