

REPORT NUMBER: PRORATED FROM RAB02161

PAGE: 1 OF 6

ISSUE DATE: 07/07/16

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: SK8XL10RYN

LUMINAIRE: STAMPED STEEL CEILING PAN WITH WHITE FINISH, 7 LED BOARDS EACH WITH 6 LEDS, ACRYLIC DROP LENS WITH SMOOTH FINISH.

LAMPS: FORTY-TWO WHITE LIGHT EMITTING DIODES (LEDs), VERTICAL BASE-UP POSITION.

NOTE: THIS REPORT WAS PRORATED FROM RAB02161 WHICH WAS SK8XL10RY. ACTUAL PERFORMANCE MAY VARY.

TOTAL INPUT WATTS = 10.571 AT 120.0 VOLTS.

LED DRIVER: RDD-MK015-MKP40-A0500

TST PROCEDURE: IESNA LM 79-08

TEST DISTANCE = 25.25 FEET

DEG	CANDELA	LUMENS
0	301	
5	300	29
15	291	82
25	270	125
35	240	151
45	204	158
55	164	147
65	126	125
75	92	97
85	63	70
90	53	
95	43	47
105	28	29
115	19	19
125	14	13
135	14	11
145	13	9
155	13	6
165	13	4
175	7	1
180	2	

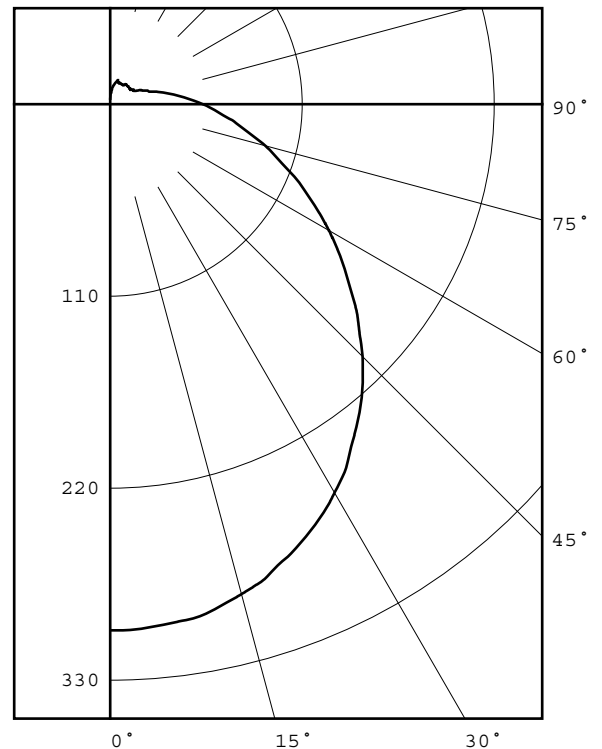
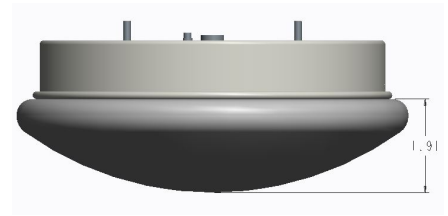
ZONAL LUMEN ZONE	SUMMARY LUMENS	%FIXT
0- 30	235	21.0
0- 40	386	34.4
0- 60	690	61.6
0- 90	982	87.6
90-120	95	8.5
90-130	109	9.7
90-150	128	11.4
90-180	139	12.4
0-180	1121	100.0

TOTAL INPUT WATTS = 10.571

EFFICACY = 106.0 Lm/W

CIE TYPE - SEMI-DIRECT

LUMINAIRE SPACING CRITERION = 1.3



Checked	<u>X.CAO</u>
Approved	<u>D.WANG-MUNSON</u>

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LUMINOUS DIAMETER: 8.040
HEIGHT OF SIDE : 1.910

LUMINANCE DATA IN CANDELA/SQ METER

ANGLE AVERAGE

IN DEG

45	6777.
55	6088.
65	5500.
75	5101.
85	4979.

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CANDELA DISTRIBUTION

	0.0
0.0	301
5.0	300
10.0	298
15.0	291
20.0	281
25.0	270
30.0	257
35.0	240
40.0	224
45.0	204
50.0	184
55.0	164
60.0	145
65.0	126
70.0	108
75.0	92
80.0	77
85.0	63
90.0	53
95.0	43
100.0	35
105.0	28
110.0	23
115.0	19
120.0	16
125.0	14
130.0	14
135.0	14
140.0	14
145.0	13
150.0	13
155.0	13
160.0	13
165.0	13
170.0	11
175.0	7
180.0	2

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ZONAL LUMEN SUMMARY

0- 5	7.
5- 10	21.
10- 15	35.
15- 20	47.
20- 25	58.
25- 30	67.
30- 35	73.
35- 40	77.
40- 45	79.
45- 50	78.
50- 55	76.
55- 60	71.
60- 65	66.
65- 70	59.
70- 75	52.
75- 80	45.
80- 85	38.
85- 90	32.
90- 95	26.
95-100	21.
100-105	17.
105-110	13.
110-115	10.
115-120	8.
120-125	7.
125-130	6.
130-135	6.
135-140	5.
140-145	5.
145-150	4.
150-155	3.
155-160	3.
160-165	2.
165-170	1.
170-175	1.
175-180	0.

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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	7
5- 10	21
10- 15	35
15- 20	47
20- 25	58
25- 30	67
30- 35	73
35- 40	77
40- 45	79
45- 50	78
50- 55	76
55- 60	71
60- 65	66
65- 70	59
70- 75	52
75- 80	45
80- 85	38
85- 90	32
90- 95	26
95-100	21
100-105	17
105-110	13
110-115	10
115-120	8
120-125	7
125-130	6
130-135	6
135-140	5
140-145	5
145-150	4
150-155	3
155-160	3
160-165	2
165-170	1
170-175	1
175-180	0

10-DEGREE
ZONAL LUMEN SUMMARY

0- 10	29
0- 20	111
0- 30	235
0- 40	386
0- 50	544
0- 60	690
0- 70	815
0- 80	912
0- 90	982
0-100	1030
0-110	1059
0-120	1078
0-130	1091
0-140	1102
0-150	1111
0-160	1117
0-170	1121
0-180	1121

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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	116	116	116	116	112	112	112	112	104	104	104	97	97	97	91	91	91	88
1	104	98	93	88	100	95	90	86	88	84	81	82	79	76	76	74	72	69
2	94	84	77	71	90	81	75	69	76	70	65	71	66	62	66	62	59	56
3	85	74	65	58	81	71	63	57	66	60	54	62	56	51	58	53	49	46
4	78	65	56	49	74	63	54	48	59	51	46	55	49	44	51	46	42	39
5	71	58	48	42	68	56	47	41	52	45	39	49	43	38	46	41	36	34
6	66	52	43	36	63	50	42	35	47	40	34	44	38	33	42	36	32	29
7	61	47	38	32	58	46	37	31	43	35	30	40	34	29	38	32	28	26
8	57	43	34	28	54	42	33	28	39	32	27	37	31	26	35	29	25	23
9	53	39	31	25	51	38	30	25	36	29	24	34	28	23	32	27	23	21
10	49	36	28	23	48	35	28	22	33	26	22	32	25	21	30	24	20	19

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.