

REPORT NUMBER: PRORATED FROM RAB02111

PAGE: 1 OF 7

ISSUE DATE: 07/05/16

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: SK8XL10RDY

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

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

NOTE: THIS REPORT WAS PRORATED FROM RAB02111 WHICH WAS SK8XL10RDYY. ACTUAL PERFORMANCE MAY VARY.

TOTAL INPUT WATTS = 10.5 AT 120.0 VOLTS.

(SEE PAGE 2 FOR MORE INFORMATION)

DEG	CANDELA	LUMENS
0	281	
5	280	27
15	269	76
25	247	114
35	217	136
45	180	139
55	140	126
65	99	98
75	59	62
85	27	30
90	17	
95	10	11
105	5	6
115	7	7
125	9	8
135	11	8
145	12	8
155	14	7
165	14	4
175	9	1
180	2	

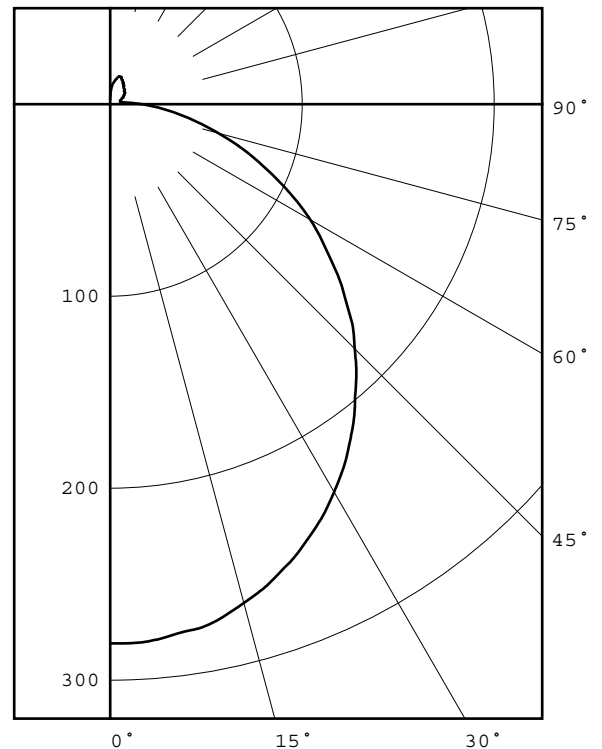
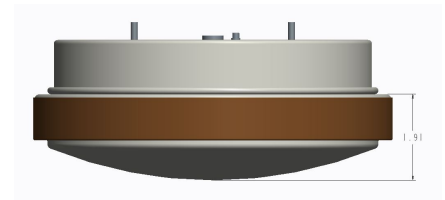
ZONAL LUMEN ZONE	SUMMARY LUMENS	%FIXT
0- 30	217	25.0
0- 40	352	40.6
0- 60	617	71.2
0- 90	808	93.2
90-120	24	2.8
90-130	32	3.7
90-150	48	5.5
90-180	59	6.8
0-180	867	100.0

TOTAL INPUT WATTS = 10.5

EFFICACY = 82.6 Lm/W

CIE TYPE - DIRECT

LUMINAIRE SPACING CRITERION = 1.2



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

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PAGE: 2 OF 7

ADDITIONAL INFORMATION

LED DRIVER: RDD-MK015-MKP40-A0500
TST PROCEDURE: IESNA LM 79-08
TEST DISTANCE = 25.25 FEET

REPORT NUMBER: PRORATED FROM RAB02111
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PAGE: 3 OF 7

LUMINOUS DIAMETER: 7.460
HEIGHT OF SIDE : 1.910

LUMINANCE DATA IN CANDELA/SQ METER

ANGLE AVERAGE

IN DEG

45	6808.
55	5901.
65	4873.
75	3619.
85	2334.

REPORT NUMBER: PRORATED FROM RAB02111
ISSUE DATE: 07/05/16
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PAGE: 4 OF 7

CANDELA DISTRIBUTION

	0.0
0.0	281
5.0	280
10.0	277
15.0	269
20.0	259
25.0	247
30.0	233
35.0	217
40.0	199
45.0	180
50.0	161
55.0	140
60.0	120
65.0	99
70.0	78
75.0	59
80.0	41
85.0	27
90.0	17
95.0	10
100.0	5
105.0	5
110.0	5
115.0	7
120.0	8
125.0	9
130.0	10
135.0	11
140.0	11
145.0	12
150.0	13
155.0	14
160.0	15
165.0	14
170.0	12
175.0	9
180.0	2

REPORT NUMBER: PRORATED FROM RAB02111
ISSUE DATE: 07/05/16
PREPARED FOR: RAB LIGHTING INC.

PAGE: 5 OF 7

ZONAL LUMEN SUMMARY

0- 5	7.
5- 10	20.
10- 15	32.
15- 20	44.
20- 25	53.
25- 30	61.
30- 35	66.
35- 40	69.
40- 45	70.
45- 50	69.
50- 55	65.
55- 60	60.
60- 65	53.
65- 70	45.
70- 75	36.
75- 80	27.
80- 85	18.
85- 90	12.
90- 95	7.
95-100	4.
100-105	3.
105-110	3.
110-115	3.
115-120	4.
120-125	4.
125-130	4.
130-135	4.
135-140	4.
140-145	4.
145-150	4.
150-155	3.
155-160	3.
160-165	2.
165-170	2.
170-175	1.
175-180	0.

REPORT NUMBER: PRORATED FROM RAB02111
 ISSUE DATE: 07/05/16
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PAGE: 6 OF 7

5-DEGREE ZONAL LUMEN SUMMARY

0- 5	7
5- 10	20
10- 15	32
15- 20	44
20- 25	53
25- 30	61
30- 35	66
35- 40	69
40- 45	70
45- 50	69
50- 55	65
55- 60	60
60- 65	53
65- 70	45
70- 75	36
75- 80	27
80- 85	18
85- 90	12
90- 95	7
95-100	4
100-105	3
105-110	3
110-115	3
115-120	4
120-125	4
125-130	4
130-135	4
135-140	4
140-145	4
145-150	4
150-155	3
155-160	3
160-165	2
165-170	2
170-175	1
175-180	0

10-DEGREE ZONAL LUMEN SUMMARY

0- 10	27
0- 20	103
0- 30	217
0- 40	352
0- 50	491
0- 60	617
0- 70	715
0- 80	777
0- 90	808
0-100	819
0-110	825
0-120	831
0-130	839
0-140	848
0-150	855
0-160	862
0-170	866
0-180	867

REPORT NUMBER: PRORATED FROM RAB02111
ISSUE DATE: 07/05/16

PAGE: 7 OF 7

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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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93
1	106	101	97	93	103	98	94	91	93	90	86	88	85	83	83	81	79	76
2	97	88	81	75	93	86	79	74	81	76	71	77	72	68	73	69	66	63
3	88	77	69	62	85	75	67	61	71	65	59	67	62	57	64	59	56	53
4	80	68	59	53	78	67	58	52	63	56	50	60	54	49	57	52	48	45
5	74	61	52	45	71	59	51	45	57	49	44	54	47	42	51	46	41	39
6	68	55	46	39	66	54	45	39	51	44	38	49	42	37	47	41	36	34
7	63	50	41	35	61	49	40	34	46	39	34	44	38	33	43	37	32	30
8	59	45	37	31	57	44	36	31	42	35	30	41	34	30	39	33	29	27
9	55	42	33	28	53	41	33	28	39	32	27	38	31	27	36	30	26	24
10	52	38	30	25	50	38	30	25	36	29	25	35	29	24	33	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.