

REPORT NUMBER: PRORATED FROM RAB02111

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ISSUE DATE: 07/05/16

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: SK8XL10RDN

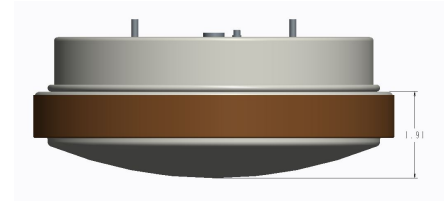
LUMINAIRE: STAMPED STEEL CEILING PAN WITH WHITE FINISH, 7 LED BOARDS EACH WITH 6 LEDS, ACRYLIC DROP LENS WITH SMOOTH FINISH AND SILVER TRIM.

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.

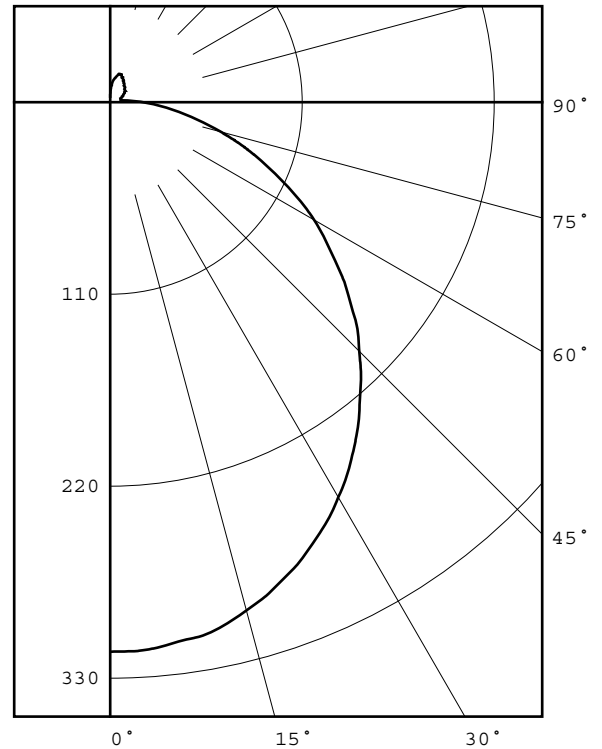
TOTAL INPUT WATTS = 10.609 AT 120.0 VOLTS.

(SEE PAGE 2 FOR MORE INFORMATION)



DEG	CANDELA	LUMENS
0	315	
5	314	30
15	301	85
25	277	128
35	243	152
45	202	156
55	157	141
65	111	110
75	66	70
85	30	34
90	19	
95	11	13
105	6	6
115	7	8
125	10	9
135	12	9
145	13	9
155	16	7
165	16	4
175	10	1
180	2	

ZONAL LUMEN ZONE	SUMMARY LUMENS	%FIXT
0- 30	243	25.0
0- 40	395	40.6
0- 60	691	71.2
0- 90	905	93.2
90-120	27	2.8
90-130	36	3.7
90-150	53	5.5
90-180	66	6.8
0-180	971	100.0



TOTAL INPUT WATTS = 10.609

EFFICACY = 91.5 Lm/W

CIE TYPE - DIRECT

LUMINAIRE SPACING CRITERION = 1.2

Checked X.CAO
Approved D.WANG-MUNSON

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ADDITIONAL INFORMATION

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

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LUMINOUS DIAMETER: 7.460
HEIGHT OF SIDE : 1.910

LUMINANCE DATA IN CANDELA/SQ METER

ANGLE AVERAGE

IN DEG

45	7629.
55	6613.
65	5461.
75	4056.
85	2615.

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CANDELA DISTRIBUTION

	0.0
0.0	315
5.0	314
10.0	310
15.0	301
20.0	291
25.0	277
30.0	261
35.0	243
40.0	222
45.0	202
50.0	180
55.0	157
60.0	135
65.0	111
70.0	88
75.0	66
80.0	46
85.0	30
90.0	19
95.0	11
100.0	6
105.0	6
110.0	6
115.0	7
120.0	9
125.0	10
130.0	11
135.0	12
140.0	12
145.0	13
150.0	15
155.0	16
160.0	17
165.0	16
170.0	13
175.0	10
180.0	2

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ZONAL LUMEN SUMMARY

0- 5	8.
5- 10	22.
10- 15	36.
15- 20	49.
20- 25	60.
25- 30	68.
30- 35	74.
35- 40	78.
40- 45	79.
45- 50	77.
50- 55	73.
55- 60	67.
60- 65	60.
65- 70	50.
70- 75	40.
75- 80	30.
80- 85	21.
85- 90	13.
90- 95	8.
95-100	5.
100-105	3.
105-110	3.
110-115	4.
115-120	4.
120-125	4.
125-130	5.
130-135	5.
135-140	5.
140-145	4.
145-150	4.
150-155	4.
155-160	4.
160-165	3.
165-170	2.
170-175	1.
175-180	0.

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	8
5- 10	22
10- 15	36
15- 20	49
20- 25	60
25- 30	68
30- 35	74
35- 40	78
40- 45	79
45- 50	77
50- 55	73
55- 60	67
60- 65	60
65- 70	50
70- 75	40
75- 80	30
80- 85	21
85- 90	13
90- 95	8
95-100	5
100-105	3
105-110	3
110-115	4
115-120	4
120-125	4
125-130	5
130-135	5
135-140	5
140-145	4
145-150	4
150-155	4
155-160	4
160-165	3
165-170	2
170-175	1
175-180	0

10-DEGREE ZONAL LUMEN SUMMARY

0- 10	30
0- 20	115
0- 30	243
0- 40	395
0- 50	551
0- 60	691
0- 70	801
0- 80	871
0- 90	905
0-100	918
0-110	924
0-120	932
0-130	941
0-140	950
0-150	958
0-160	966
0-170	970
0-180	971

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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.