

REPORT NUMBER: PRORATED FROM RAB02161

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ISSUE DATE: 07/07/16

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: SK8XL10RN

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.

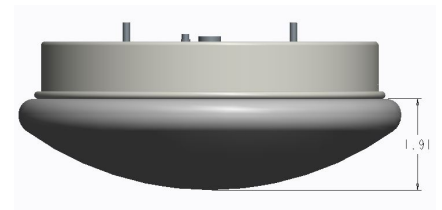
NOTE: THIS REPORT WAS PRORATED FROM RAB02161 WHICH WAS SK8XL10RY. ACTUAL PERFORMANCE MAY VARY.

TOTAL INPUT WATTS = 10.588 AT 120.0 VOLTS.

LED DRIVER: RDD-MK015-MKP40-A0500

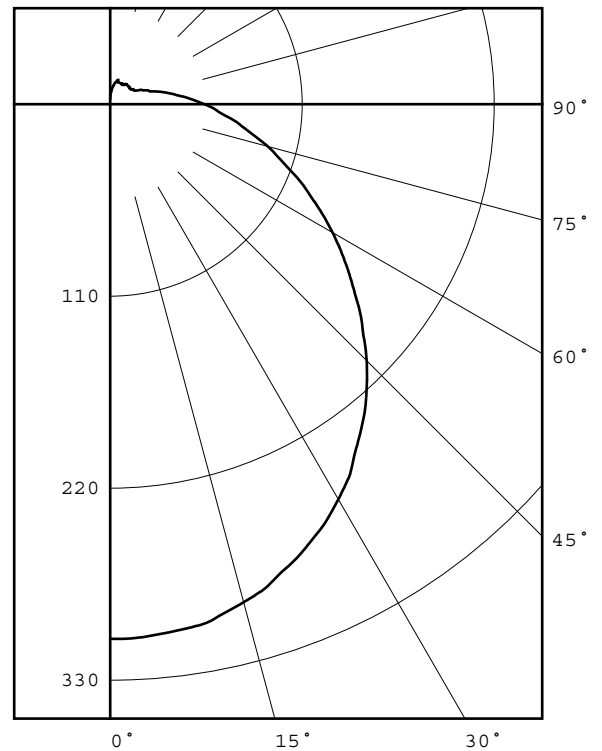
TST PROCEDURE: IESNA LM 79-08

TEST DISTANCE = 25.25 FEET



DEG	CANDELA	LUMENS
0	306	
5	305	29
15	295	83
25	275	127
35	244	153
45	208	160
55	167	149
65	128	127
75	94	99
85	64	71
90	53	
95	44	48
105	28	30
115	19	19
125	15	14
135	15	11
145	13	9
155	13	6
165	13	4
175	7	1
180	2	

ZONAL LUMEN ZONE	SUMMARY LUMENS	%FIXT
0- 30	239	21.0
0- 40	392	34.4
0- 60	702	61.6
0- 90	999	87.6
90-120	97	8.5
90-130	110	9.7
90-150	130	11.4
90-180	141	12.4
0-180	1140	100.0



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

TOTAL INPUT WATTS = 10.588

EFFICACY = 107.7 Lm/W

CIE TYPE - SEMI-DIRECT

LUMINAIRE SPACING CRITERION = 1.3

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LUMINOUS DIAMETER: 8.040
HEIGHT OF SIDE : 1.910

LUMINANCE DATA IN CANDELA/SQ METER

ANGLE AVERAGE

IN DEG

45	6888.
55	6188.
65	5591.
75	5185.
85	5062.

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CANDELA DISTRIBUTION

	0.0
0.0	306
5.0	305
10.0	303
15.0	295
20.0	286
25.0	275
30.0	261
35.0	244
40.0	227
45.0	208
50.0	187
55.0	167
60.0	147
65.0	128
70.0	109
75.0	94
80.0	78
85.0	64
90.0	53
95.0	44
100.0	35
105.0	28
110.0	23
115.0	19
120.0	16
125.0	15
130.0	15
135.0	15
140.0	15
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	22.
10- 15	35.
15- 20	48.
20- 25	59.
25- 30	68.
30- 35	75.
35- 40	79.
40- 45	81.
45- 50	80.
50- 55	77.
55- 60	72.
60- 65	67.
65- 70	60.
70- 75	53.
75- 80	46.
80- 85	39.
85- 90	32.
90- 95	27.
95-100	21.
100-105	17.
105-110	13.
110-115	11.
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	22
10- 15	35
15- 20	48
20- 25	59
25- 30	68
30- 35	75
35- 40	79
40- 45	81
45- 50	80
50- 55	77
55- 60	72
60- 65	67
65- 70	60
70- 75	53
75- 80	46
80- 85	39
85- 90	32
90- 95	27
95-100	21
100-105	17
105-110	13
110-115	11
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	112
0- 30	239
0- 40	392
0- 50	553
0- 60	702
0- 70	829
0- 80	927
0- 90	999
0-100	1047
0-110	1076
0-120	1096
0-130	1109
0-140	1120
0-150	1129
0-160	1135
0-170	1139
0-180	1140

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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.