

REPORT NUMBER: PRORATED FROM RAB02161

PAGE: 1 OF 6

ISSUE DATE: 07/07/16

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: SK8XL10RY

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 = 10.479 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	273	
5	272	26
15	264	74
25	245	113
35	218	137
45	185	143
55	149	133
65	114	113
75	84	88
85	57	64
90	48	
95	39	43
105	25	27
115	17	17
125	13	12
135	13	10
145	12	8
155	12	6
165	12	3
175	7	1
180	2	

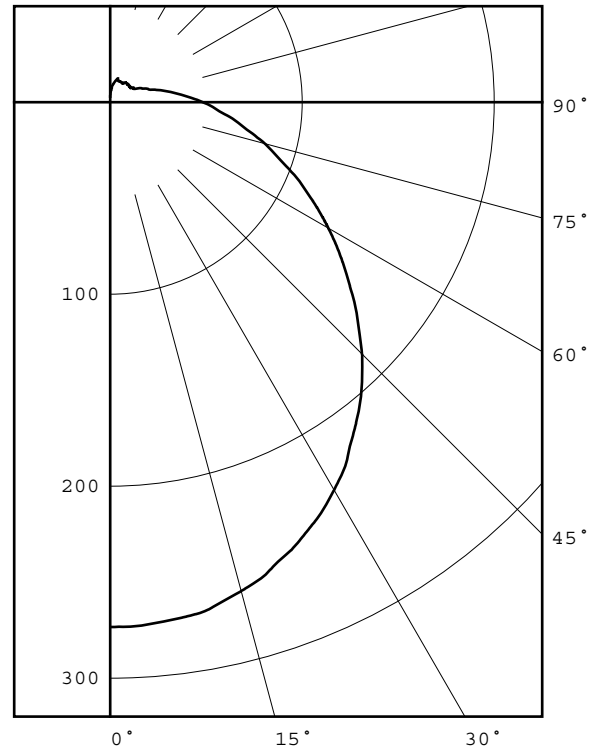
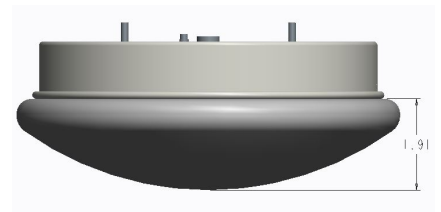
ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXT
0- 30	213	21.0
0- 40	350	34.4
0- 60	626	61.6
0- 90	891	87.6
90-120	86	8.5
90-130	99	9.7
90-150	116	11.4
90-180	126	12.4
0-180	1017	100.0

TOTAL INPUT WATTS = 10.479

EFFICACY = 97.1 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	6147.
55	5522.
65	4989.
75	4626.
85	4516.

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CANDELA DISTRIBUTION

	0.0
0.0	273
5.0	272
10.0	270
15.0	264
20.0	255
25.0	245
30.0	233
35.0	218
40.0	203
45.0	185
50.0	167
55.0	149
60.0	131
65.0	114
70.0	98
75.0	84
80.0	69
85.0	57
90.0	48
95.0	39
100.0	31
105.0	25
110.0	21
115.0	17
120.0	14
125.0	13
130.0	13
135.0	13
140.0	13
145.0	12
150.0	12
155.0	12
160.0	12
165.0	12
170.0	10
175.0	7
180.0	2

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ZONAL LUMEN SUMMARY

0- 5	7.
5- 10	19.
10- 15	32.
15- 20	43.
20- 25	52.
25- 30	61.
30- 35	67.
35- 40	70.
40- 45	72.
45- 50	71.
50- 55	68.
55- 60	65.
60- 65	60.
65- 70	54.
70- 75	47.
75- 80	41.
80- 85	35.
85- 90	29.
90- 95	24.
95-100	19.
100-105	15.
105-110	12.
110-115	9.
115-120	8.
120-125	6.
125-130	6.
130-135	5.
135-140	5.
140-145	4.
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	19
10- 15	32
15- 20	43
20- 25	52
25- 30	61
30- 35	67
35- 40	70
40- 45	72
45- 50	71
50- 55	68
55- 60	65
60- 65	60
65- 70	54
70- 75	47
75- 80	41
80- 85	35
85- 90	29
90- 95	24
95-100	19
100-105	15
105-110	12
110-115	9
115-120	8
120-125	6
125-130	6
130-135	5
135-140	5
140-145	4
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	26
0- 20	100
0- 30	213
0- 40	350
0- 50	493
0- 60	626
0- 70	739
0- 80	827
0- 90	891
0-100	934
0-110	961
0-120	978
0-130	990
0-140	1000
0-150	1007
0-160	1013
0-170	1016
0-180	1017

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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.