

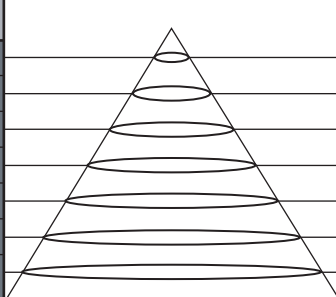
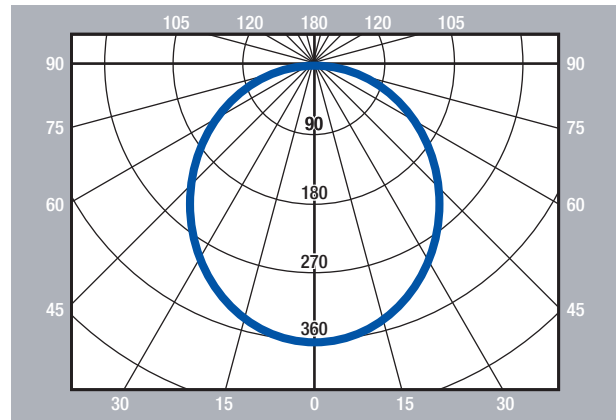
PHOTOMETRICS

 SERIES
RAZOR

NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	COLOR TEMPERATURE	CRI	LIFETIME
6"	RZR-611	1000 LM	12 W / 120 V	27K	80+	50,000 HOURS
		1100 LM		3K, 4K & 5K		

RZR-611 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m	23.82	11.68' / 3.56m
6.00' / 1.83m	10.59	17.53' / 5.34m
8.00' / 2.44m	5.95	23.37' / 7.12m
10.0' / 3.05m	3.81	29.21' / 8.90m
12.0' / 3.66m	2.65	35.05' / 10.68m
14.0' / 4.27m	1.94	40.89' / 12.46m
16.0' / 4.88m	1.49	46.73' / 14.24m


RZR-611 DISTRIBUTION CURVE (cd/klm)

RZR-611 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	30554.1	30554.1	30554.1
45	28476.0	28504.4	28527.0
55	27089.0	27141.5	27186.9
65	24870.6	24941.7	25022.3
75	20367.2	20483.3	20692.4
85	3357.6	3771.5	3587.6

RZR-611 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-40	482.8	45.5
0-60	850.1	80.12
0-90	1061	100
90-180	0	0

RZR-611 COEFFICIENTS OF UTILIZATION

CEILING CAVITY REFLECTANCE	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
WALL REFLECTANCE																		
ROOM CAVITY RATIO (RCR)	EFFECTIVE FLOOR CAVITY REFLECTANCE 20% ** VALUES ARE EXPRESSED AS LUMENS DELIVERED TO THE TASK SURFACE **																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	97	106	102	98	95	98	95	92	94	92	89	90	88	87	84
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	73	70
3	90	80	72	65	88	78	71	65	75	69	64	73	67	63	70	66	62	59
4	83	71	62	55	81	70	61	55	67	60	54	65	59	54	63	57	53	51
5	76	63	54	48	74	62	54	47	60	53	47	58	52	46	56	51	46	44
6	70	57	48	42	68	56	48	41	54	47	41	53	46	41	51	45	40	38
7	65	52	43	37	63	51	43	37	49	42	36	48	41	36	47	40	36	34
8	61	47	39	33	59	46	38	33	45	38	32	44	37	32	43	37	32	30
9	57	43	35	30	55	43	35	29	42	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	27	37	31	26	37	31	26	25