

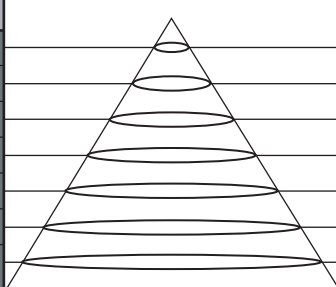
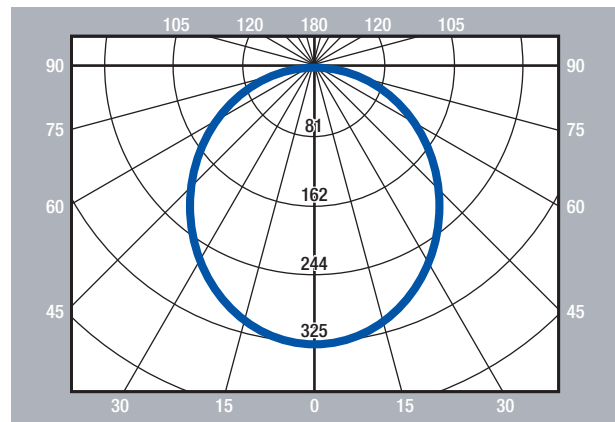
PHOTOMETRICS

 SERIES
RAZOR

NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	COLOR TEMPERATURE	CRI	LIFETIME
6"	RZR-630	950 LM	12 W / 120 V	3K, 4K & 5K	80+	50,000 HOURS

RZR-630 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m	20.35	10.62' / 3.24m
6.00' / 1.83m	9.04	15.92' / 4.85m
8.00' / 2.44m	5.09	21.23' / 6.47m
10.0' / 3.05m	3.26	26.54' / 8.09m
12.0' / 3.66m	2.26	31.85' / 9.71m
14.0' / 4.27m	1.66	37.16' / 11.33m
16.0' / 4.88m	1.27	42.47' / 12.94m


RZR-630 LUMINOUS INTENSITY DISTRIBUTION (UNIT: CD)

RZR-630 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	29600.5	29600.5	29600.5
45	26092.7	25980.2	25951.3
55	24337.3	24147.1	24099.6
65	22296.4	22081.3	22006.0
75	19722.8	19494.5	19512.0
85	10587.3	13247.1	14863.9

RZR-630 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-40	404.6	46.25
0-60	697.1	79.7
0-90	873.9	99.9
90-180	0.8	0.1

RZR-630 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	EFFECTIVE FLOOR CAVITY REFLECTANCE 20% ** VALUES ARE EXPRESSED AS LUMENS DELIVERED TO THE TASK SURFACE **																	
ROOM CAVITY RATIO (RCR)																		
0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1
1	1.09	1.04	1	0.96	1.06	1.02	0.98	0.94	0.98	0.94	0.91	0.94	0.91	0.89	0.9	0.88	0.86	0.84
2	0.99	0.91	0.84	0.78	0.96	0.89	0.83	0.78	0.85	0.8	0.76	0.82	0.78	0.74	0.79	0.75	0.72	0.7
3	0.9	0.8	0.72	0.65	0.88	0.78	0.71	0.65	0.75	0.69	0.64	0.73	0.67	0.63	0.7	0.65	0.61	0.59
4	0.83	0.71	0.62	0.56	0.81	0.7	0.61	0.55	0.67	0.6	0.54	0.65	0.59	0.54	0.63	0.57	0.53	0.51
5	0.76	0.63	0.55	0.48	0.74	0.62	0.54	0.48	0.6	0.53	0.47	0.58	0.52	0.47	0.56	0.51	0.46	0.44
6	0.71	0.57	0.48	0.42	0.69	0.56	0.48	0.42	0.54	0.47	0.41	0.53	0.46	0.41	0.51	0.45	0.41	0.39
7	0.65	0.52	0.43	0.37	0.64	0.51	0.43	0.37	0.5	0.42	0.37	0.48	0.41	0.36	0.47	0.41	0.36	0.34
8	0.61	0.47	0.39	0.33	0.59	0.47	0.39	0.33	0.45	0.38	0.33	0.44	0.38	0.33	0.43	0.37	0.32	0.31
9	0.57	0.44	0.35	0.3	0.56	0.43	0.35	0.3	0.42	0.35	0.3	0.41	0.34	0.29	0.4	0.34	0.29	0.27
10	0.53	0.4	0.32	0.27	0.52	0.4	0.32	0.27	0.39	0.32	0.27	0.38	0.31	0.27	0.37	0.31	0.27	0.25