

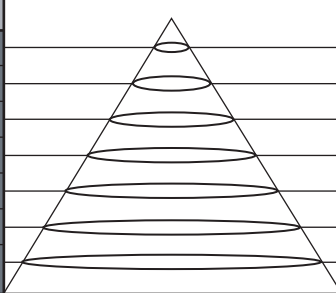
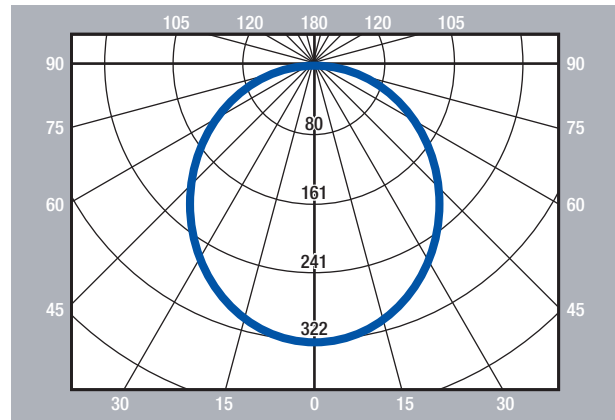
# RAZOR

 SERIES  


NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	SELECTABLE COLOR TEMPERATURE	CRI
8"	RZR-CCT-800	1450 LM	18W/120V	3K, 4K & 5K	80+

**RZR-CCT-800 FOOTCANDLE DIAGRAM**

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m	29.46	13.58' / 4.1m
6.00' / 1.83m	13.09	20.37' / 6.2m
8.00' / 2.44m	7.36	27.16' / 8.3m
10.0' / 3.05m	4.71	33.95' / 10.3m
12.0' / 3.66m	3.27	40.74' / 12.4m
14.0' / 4.27m	2.4	47.53' / 14.5m
16.0' / 4.88m	1.84	54.33' / 16.6m


**RZR-CCT-800 DISTRIBUTION CURVE (cd/klm)**

**RZR-CCT-800 AVERAGE LUMINANCE (cd/m²)**

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	20671.4	20671.4	20671.4
45	21418.3	21343.8	21309.7
55	20830.0	20801.3	20822.3
65	19542.3	19620.1	19635.7
75	17327.7	17531.0	17776.7
85	13788.8	13235.3	13637.9

**RZR-CCT-800 ZONAL LUMEN SUMMARY**

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-30	375.7	25.67
0-40	625.3	42.72
0-60	1133.4	77.43
0-90	1463	99.95
90-180	0.8	0.05

**RZR-CCT-800 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	108	103	99	95	106	101	97	93	97	93	90	93	90	88	89	87	85	83
2	98	90	83	77	96	88	81	76	84	79	74	81	76	72	78	74	71	69
3	89	78	70	63	87	77	69	63	74	67	62	71	65	61	68	64	60	57
4	82	69	60	53	79	68	60	53	65	58	52	63	57	52	61	55	51	49
5	75	62	53	46	73	61	52	46	58	51	45	56	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	39	51	44	39	49	43	39	36
7	64	50	41	35	62	49	41	35	48	40	35	46	39	34	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	42	36	31	41	35	30	28
9	56	42	34	28	54	41	33	28	40	33	28	39	32	28	38	32	27	26
10	52	39	31	25	51	38	30	25	37	30	25	36	30	25	35	29	25	23