

PHOTOMETRICS

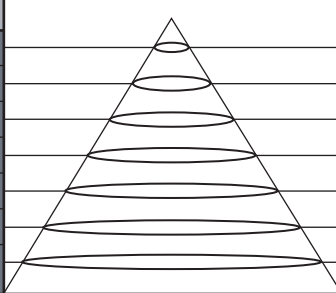
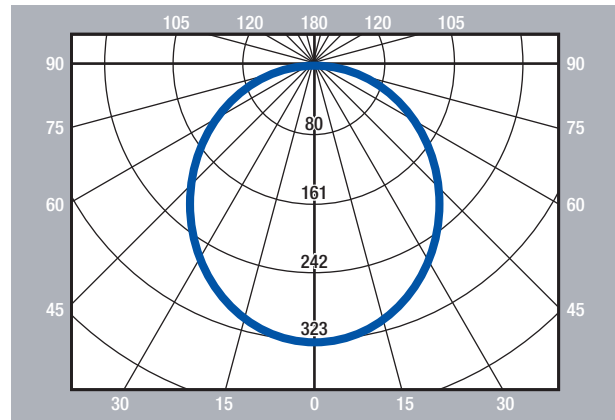
RAZOR

 SERIES


NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	SELECTABLE COLOR TEMPERATURE	CRI
5"	RZR-CCT-500	780 LM	11 W/120V	3 K, 4 K & 5 K	80+

RZR-CCT-500 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m	16.67	13.39' / 4.1m
6.00' / 1.83m	7.41	20.09' / 6.1m
8.00' / 2.44m	4.17	26.79' / 8.2m
10.0' / 3.05m	2.67	33.48' / 10.2m
12.0' / 3.66m	1.85	40.18' / 12.2m
14.0' / 4.27m	1.36	46.88' / 14.3m
16.0' / 4.88m	1.04	53.57' / 16.4m


RZR-CCT-500 DISTRIBUTION CURVE (cd/klm)

RZR-CCT-500 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	27476.7	27476.7	27476.7
45	28116.6	28109.4	28167.6
55	27345.6	27350.1	27363.5
65	25733.2	25684.5	25745.4
75	23257.7	22929.4	23297.5
85	19674.2	19083.4	18492.6

RZR-CCT-500 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-30	212.7	25.8
0-40	353.4	42.88
0-60	638.3	77.44
0-90	823.6	99.92
90-180	0.6	0.08

RZR-CCT-600 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%																	
ROOM CAVITY RATIO (RCR)	** 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	68
3	89	79	70	63	87	77	69	63	74	67	62	71	65	61	68	64	60	57
4	82	69	60	54	79	68	60	53	65	58	52	63	57	52	61	55	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	46	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	40	34	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	41	35	30	29
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