

RAZOR

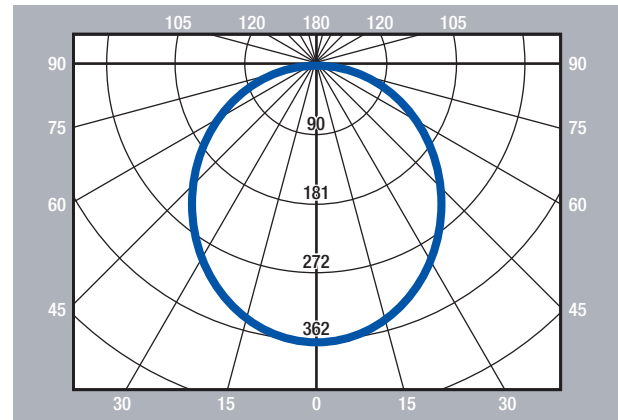
SERIES

NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	COLOR TEMPERATURE	CRI	LIFETIME
5"	RZR-500	780 LM	11W/120V	3000K, 4000K	80+	50,000 HOURS

RZR-500 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)		FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m		18.19	11.15' / 3.40m
6.00' / 1.83m		8.08	16.73' / 5.10m
8.00' / 2.44m		4.55	22.31' / 6.80m
10.0' / 3.05m		2.91	27.88' / 8.50m
12.0' / 3.66m		2.02	33.46' / 10.20m
14.0' / 4.27m		1.48	39.04' / 11.90m
16.0' / 4.88m		1.14	44.61' / 13.60m

RZR-500 DISTRIBUTION CURVE (cd/klm)



RZR-500 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	48951	48951	48951
45	44201	44195	44260
55	41792	41829	41851
65	38749	38739	38809
75	34479	34301	34577
85	17660	22775	21327

RZR-500 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-40	364.3	45.42
0-60	635.3	79.19
0-90	802.2	100
90-180	0	0

RZR-500 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	96	106	102	98	94	97	94	91	94	91	89	90	88	86	84
2	99	91	84	78	96	89	82	77	85	80	75	82	78	74	79	75	72	70
3	90	80	71	65	88	78	70	64	75	69	63	72	67	62	70	65	61	59
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	50
5	76	63	54	47	74	62	54	47	60	52	47	58	51	46	56	50	46	44
6	70	57	48	41	68	56	47	41	54	47	41	52	46	41	51	45	40	38
7	65	52	43	37	63	51	42	36	49	42	36	48	41	36	46	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	29	55	43	35	29	41	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