

RAZOR

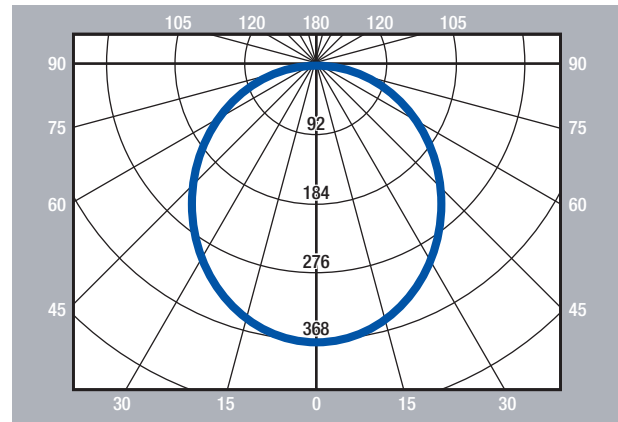
SERIES

NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	COLOR TEMPERATURE	CRI	LIFETIME
3"	RZR-300	420 LM	6 W/120 V	3000K, 4000K	80+	50,000 HOURS

RZR-300 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m	10.80	10.81' / 3.29m
6.00' / 1.83m	4.80	16.22' / 4.94m
8.00' / 2.44m	2.70	21.62' / 6.59m
10.0' / 3.05m	1.73	27.03' / 8.24m
12.0' / 3.66m	1.20	32.43' / 9.88m
14.0' / 4.27m	0.88	37.84' / 11.53m
16.0' / 4.88m	0.67	43.25' / 13.18m

RZR-300 DISTRIBUTION CURVE (cd/klm)



RZR-300 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	75408	75408	75408
45	67369	66999	67122
55	62956	62658	62537
65	57496	57135	56825
75	49768	49388	49515
85	36572	36572	36572

RZR-300 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-40	215.5	45.90
0-60	372.9	79.42
0-90	467.7	99.61
90-180	1.8	0.40

RZR-300 COEFFICIENTS OF UTILIZATION

CEILING CAVITY REFLECTANCE	80				70				50			30			10			0
WALL REFLECTANCE	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
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	93	91	88	90	88	86	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	70
3	90	80	72	65	88	78	71	65	75	69	63	72	67	62	70	65	61	59
4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53	50
5	76	63	54	48	74	62	54	48	60	53	47	58	52	46	56	50	46	44
6	70	57	48	42	68	56	48	42	54	47	41	53	46	41	51	45	40	38
7	65	52	43	37	64	51	43	37	49	42	37	48	41	36	47	41	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	37	32	43	37	32	30
9	57	43	35	30	55	43	35	30	42	35	29	41	34	29	40	34	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25