

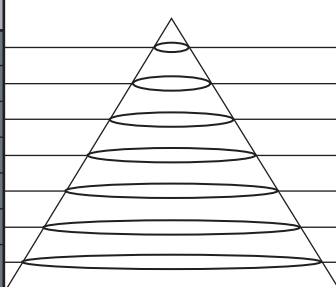
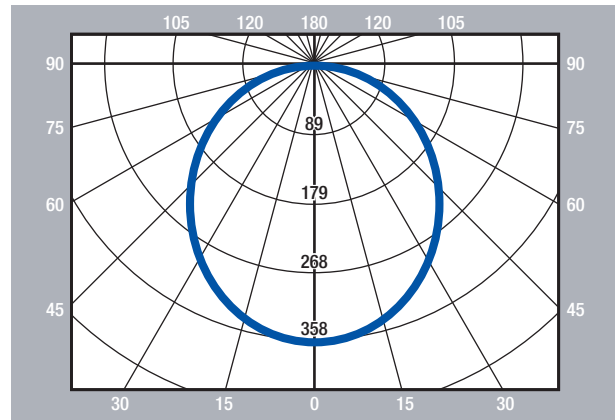
RAZOR

 SERIES


NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	SELECTABLE COLOR TEMPERATURE	CRI
3"	RZR-CCT-300	420 LM	6W/120V	3K, 4K & 5K	80+

RZR-CCT-300 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m	9.64	11.36' / 3.5m
6.00' / 1.83m	4.29	17.04' / 5.2m
8.00' / 2.44m	2.41	22.72' / 6.9m
10.0' / 3.05m	1.54	28.4' / 8.6m
12.0' / 3.66m	1.07	34.09' / 10.4m
14.0' / 4.27m	0.79	39.77' / 12.1m
16.0' / 4.88m	0.6	45.45' / 13.9m


RZR-CCT-300 DISTRIBUTION CURVE (cd/klm)

RZR-CCT-300 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	67799.6	67799.6	67799.6
45	61892.2	61985.4	62171.8
55	58642.9	58834.4	59025.9
65	54273.0	54532.9	54896.8
75	48045.4	48724.5	48809.3
85	37307.6	37559.7	23947.4

RZR-CCT-300 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-30	119.1	27.63
0-40	194.2	45.05
0-60	339.8	78.83
0-90	430.8	99.95
90-180	0.2	0.05

RZR-CCT-300 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	109	104	100	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70
3	90	79	71	65	88	78	70	64	75	68	63	72	67	62	69	65	61	59
4	82	70	62	55	80	69	61	54	67	59	54	64	58	53	62	57	52	50
5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	51	45	40	38
7	65	51	43	36	63	51	42	36	49	41	36	48	41	36	46	40	35	33
8	60	47	38	32	59	46	38	32	45	37	32	44	37	32	42	36	32	30
9	56	43	35	29	55	42	35	29	41	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	26	38	31	26	37	31	26	36	30	26	24