

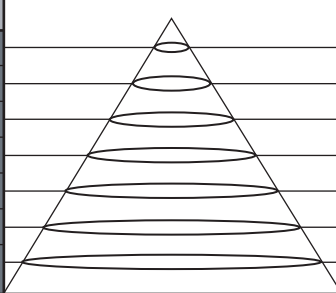
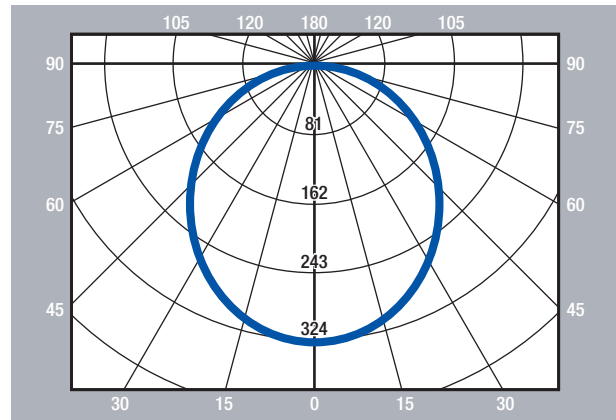
RAZOR

 SERIES


NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	SELECTABLE COLOR TEMPERATURE	CRI
4"	RZR-CCT-400	680 LM	10W/120V	3K, 4K & 5K	80+

RZR-CCT-400 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m	14.09	13.39' / 4.08m
6.00' / 1.83m	6.26	20.09' / 6.12m
8.00' / 2.44m	3.52	26.79' / 8.17m
10.0' / 3.05m	2.25	33.48' / 10.20m
12.0' / 3.66m	1.57	40.18' / 12.25m
14.0' / 4.27m	1.15	46.88' / 14.29m
16.0' / 4.88m	0.88	53.57' / 16.33m


RZR-CCT-400 DISTRIBUTION CURVE (cd/klm)

RZR-CCT-400 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	44111.1	44111.1	44111.1
45	45167.8	45126.3	45098.6
55	43843.5	43877.6	43860.6
65	41467.8	41409.9	41491.0
75	37920.0	37976.7	37844.4
85	30762.3	30986.8	25261.0

RZR-CCT-400 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-30	179.4	25.75
0-40	298.1	42.79
0-60	538.5	77.32
0-90	696.3	99.97
90-180	0.2	0.03

RZR-CCT-400 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% ** VALUES ARE EXPRESSED AS LUMENS DELIVERED TO THE TASK SURFACE **																	
ROOM CAVITY RATIO (RCR)																		
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	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	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	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