

# RAZOR

SERIES

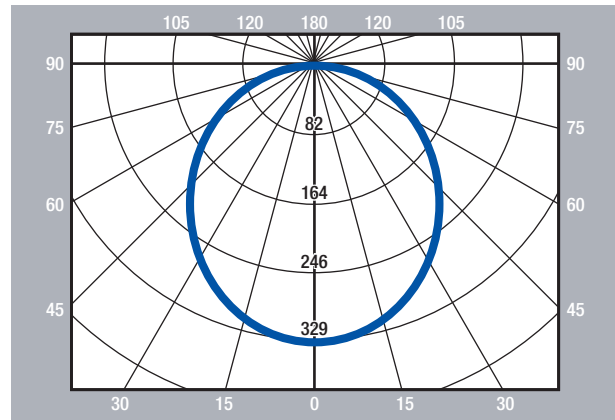


NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	SELECTABLE COLOR TEMPERATURE	CRI
6"	RZR-CCT-630	1000 LM	13W/120V	3 K, 4 K & 5 K	80+

## RZR-CCT-630 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m	22.04	13.13' / 4m
6.00' / 1.83m	9.79	19.7' / 6m
8.00' / 2.44m	5.51	26.26' / 8m
10.0' / 3.05m	3.53	32.83' / 10m
12.0' / 3.66m	2.45	39.4' / 12m
14.0' / 4.27m	1.8	45.96' / 14m
16.0' / 4.88m	1.38	52.53' / 16m

## RZR-CCT-630 DISTRIBUTION CURVE (cd/klm)



## RZR-CCT-630 AVERAGE LUMINANCE (cd/m<sup>2</sup>)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	40806.0	40806.0	40806.0
45	40900.0	40883.6	41251.9
55	39768.3	39748.1	40192.0
65	37598.0	37385.7	38118.2
75	34005.2	33938.1	34765.3
85	24631.4	27353.5	27818.3

## RZR-CCT-630 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-30	278.7	26.01
0-40	461.5	43.07
0-60	830.7	77.53
0-90	1071.5	100
90-180	0	0

## RZR-CCT-630 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	94	91	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	69
3	89	79	70	64	87	77	69	63	74	67	62	71	66	61	69	64	60	57
4	82	69	60	54	79	68	60	53	66	58	52	63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	39	51	44	39	50	43	39	37
7	64	50	41	35	62	50	41	35	48	40	35	47	40	35	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	41	35	31	29
9	56	42	34	28	54	41	33	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	25	51	38	31	25	37	30	25	36	30	25	35	29	25	23