

RAZOR

SERIES

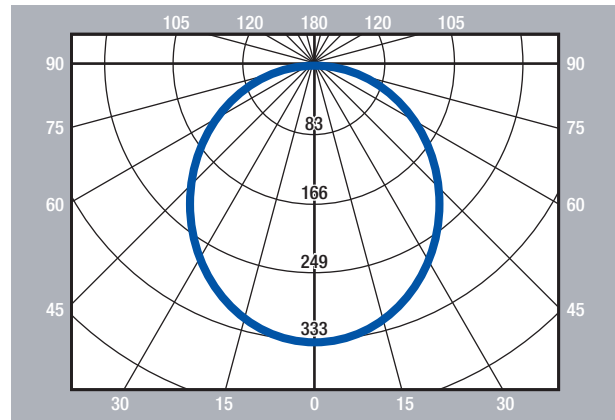


NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	SELECTABLE COLOR TEMPERATURE	CRI
4"	RZR-CCT-430	680 LM	10W/120V	3 K, 4 K & 5 K	80+

RZR-CCT-430 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m	14.32	12.9' / 3.9m
6.00' / 1.83m	6.36	19.35' / 5.9m
8.00' / 2.44m	3.58	25.81' / 7.9m
10.0' / 3.05m	2.29	32.26' / 9.8m
12.0' / 3.66m	1.59	38.71' / 11.8m
14.0' / 4.27m	1.17	45.16' / 13.8m
16.0' / 4.88m	0.89	51.61' / 15.7m

RZR-CCT-430 DISTRIBUTION CURVE (cd/klm)



RZR-CCT-430 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	68492.2	68492.2	68492.2
45	68027.9	67901.1	68556.4
55	66039.1	65752.4	66586.4
65	62287.0	61632.6	62852.9
75	56368.9	55415.9	56599.9
85	31214.9	38246.8	35331.1

RZR-CCT-430 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-30	180.6	26.26
0-40	298.6	43.42
0-60	535.8	77.92
0-90	687.6	100
90-180	0	0

RZR-CCT-430 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	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	99	95	106	101	97	94	97	94	91	93	90	88	90	87	85	83
2	98	90	83	77	96	88	82	76	85	79	74	81	77	73	78	74	71	69
3	90	79	70	64	87	77	69	63	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	53	66	59	53	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	40	51	45	39	50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	32
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23