

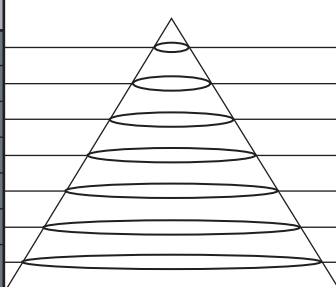
RAZOR

SERIES

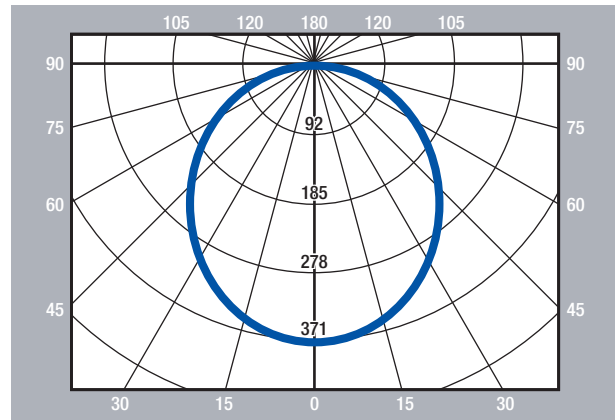
NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	COLOR TEMPERATURE	CRI	LIFETIME
4"	RZR-430	650 LM	9W/120V	3000K, 4000K	80+	50,000 HOURS

RZR-430 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m	15.27	10.79' / 3.29m
6.00' / 1.83m	6.79	16.19' / 4.93m
8.00' / 2.44m	3.82	21.58' / 6.58m
10.0' / 3.05m	2.44	26.98' / 8.22m
12.0' / 3.66m	1.7	32.38' / 9.87m
14.0' / 4.27m	1.25	37.77' / 11.51m
16.0' / 4.88m	0.95	43.17' / 13.16m



RZR-430 DISTRIBUTION CURVE (cd/klm)



RZR-430 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	57846	57846	57846
45	51129	51012	51514
55	47682	47682	48321
65	43684	43488	44216
75	38454	37837	38591
85	18059	23219	29329

RZR-430 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-40	303.8	46.15
0-60	525.2	79.79
0-90	658.2	100
90-180	0	0

RZR-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	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	1102	102	100
1	109	104	100	96	106	102	98	95	98	94	92	94	91	89	90	88	86	84
2	99	91	84	78	96	89	83	78	85	80	76	82	78	74	79	76	72	70
3	90	80	72	65	88	78	71	65	75	69	64	73	67	63	70	65	61	59
4	83	71	62	56	81	70	61	55	67	60	54	65	59	54	63	57	53	51
5	76	63	55	48	74	62	54	48	60	53	47	58	52	47	56	51	46	44
6	70	57	48	42	69	56	48	42	54	47	41	53	46	41	51	45	41	39
7	65	52	43	37	64	51	43	37	50	42	37	48	41	36	47	41	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	37	33	43	37	32	30
9	57	44	35	30	56	43	35	30	42	35	30	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