

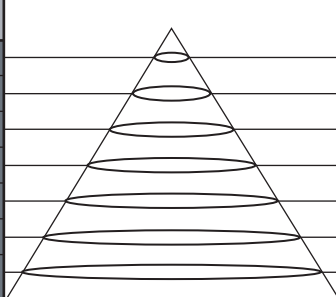
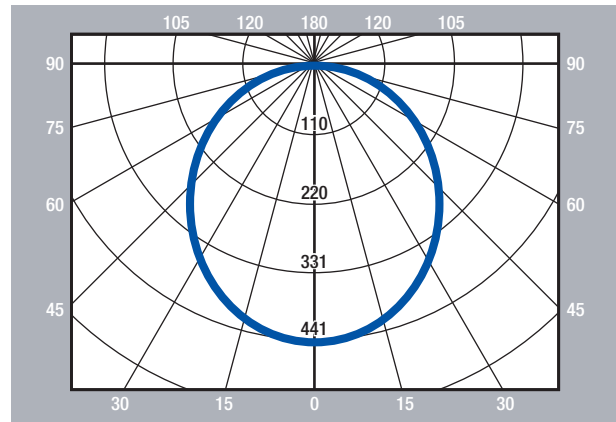
RAZOR

SERIES

NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	COLOR TEMPERATURE	CRI	LIFETIME
8"	RZR-811	1450 LM	18W/120V	3K, 4K & 5K	80+	50,000 HOURS

RZR-811 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m	27.61	14.37' / 4.38m
6.00' / 1.83m	12.27	21.56' / 6.57m
8.00' / 2.44m	6.9	28.75' / 8.76m
10.0' / 3.05m	4.42	35.93' / 10.95m
12.0' / 3.66m	3.07	43.12' / 13.14m
14.0' / 4.27m	2.25	50.31' / 15.33m
16.0' / 4.88m	1.73	57.49' / 17.52m


RZR-811 DISTRIBUTION CURVE (cd/klm)

RZR-811 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	19464.3	19464.3	19464.3
45	20953.4	20978.3	20978.3
55	20585.2	20560.3	20508.4
65	19546.3	19468.1	19390.0
75	17847.8	17715.9	17541.4
85	14330.8	14166.5	13572.5

RZR-811 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-30	356.8	25.05
0-40	598.2	42
0-60	1096.3	76.97
0-90	1424.2	100
90-180	0	0

RZR-811 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	108	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	83
2	98	89	82	76	95	88	81	76	84	78	74	81	76	72	78	74	70	68
3	89	78	70	63	87	77	69	62	74	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	61	55	50	48
5	75	61	52	45	73	60	52	45	58	50	45	56	49	44	54	48	44	41
6	69	55	46	39	67	54	45	39	52	45	39	51	44	38	49	43	38	36
7	64	50	41	35	62	49	40	34	47	40	34	46	39	34	45	38	34	32
8	59	45	37	31	58	45	36	31	43	36	30	42	35	30	41	35	30	28
9	55	42	33	27	54	41	33	27	40	32	27	39	32	27	38	31	27	25
10	52	38	30	25	50	38	30	25	37	30	25	36	29	25	35	29	24	23