

RAZOR

Low Profile Recessed LED Downlight

RZR-500

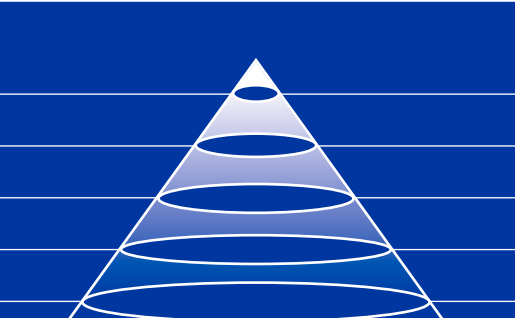
PHOTOMETRICS SHEET

PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
5"	RZR-500	905 lm	11W / 120V	27K, 3K, 35K, 4K, 5K	90+

FOOTCANDLE DIAGRAM

Mounting height (feet / meters)	Footcandles at Nadir	Diameter (feet / meters)
0.66' / 0.2m	3784.29	1.61' / 0.49m
0.98' / 0.3m	946.07	3.22' / 0.98m
1.64' / 0.5m	420.48	4.82' / 1.47m
1.96' / 0.6m	236.52	6.4' / 1.95m
2.62' / 0.8m	151.37	8' / 2.44m



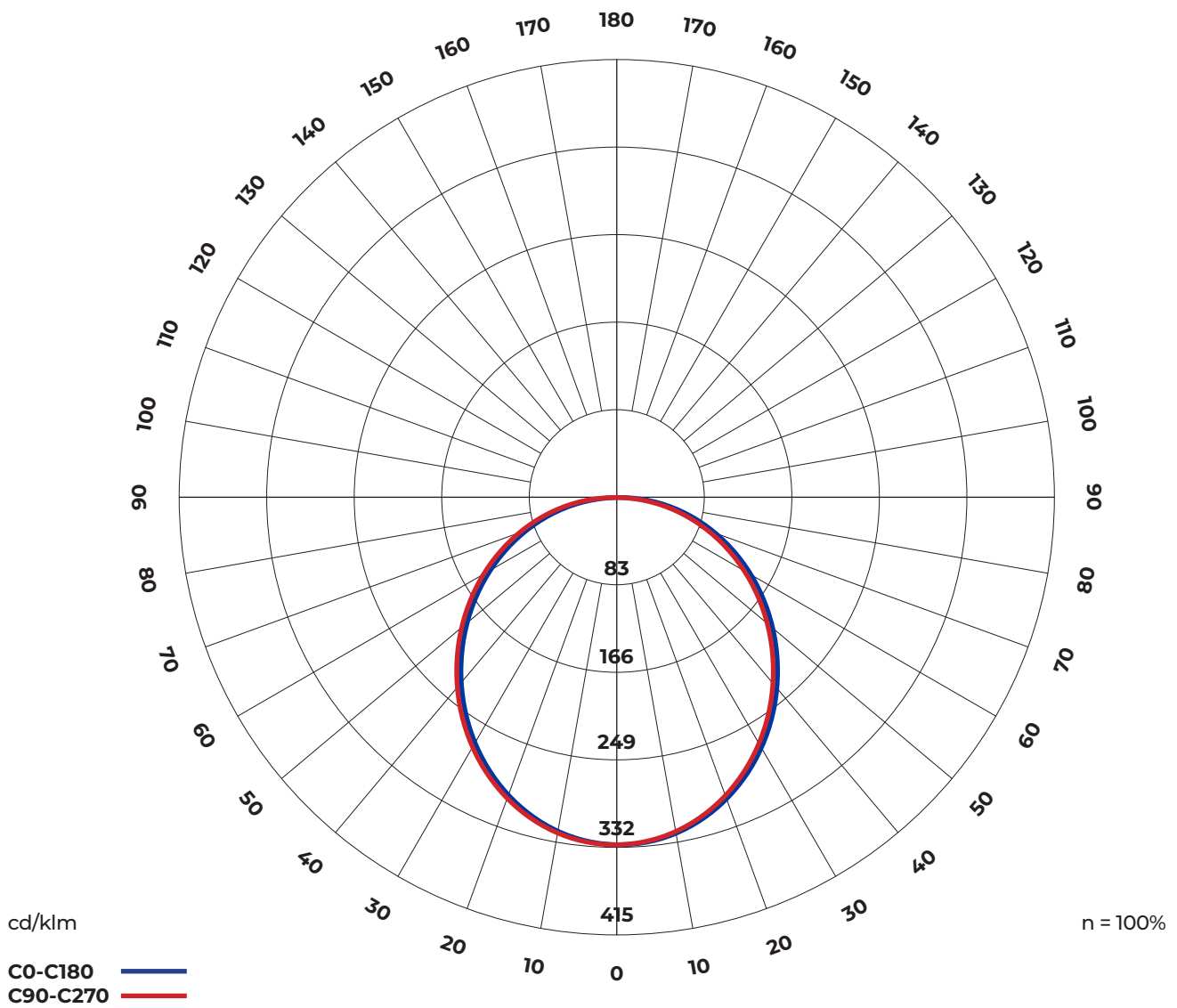
AVERAGE LUMINANCE (cd/m²)

G/C	0	45	90
0	314.2	314.2	314.2
45	223.4	218.6	216
55	175	169.3	166.6
65	122.3	115.7	113.5
75	68.5	62.6	60.2
85	17.6	12.3	10

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	412.1	43.55
0-60	737.6	77.94
0-90	946.3	100
90-180	0	0

DISTRIBUTION CURVE (cd/klm)



COEFFICIENTS OF UTILIZATION

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF=0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	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	71	64	87	77	70	63	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	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	33
8	60	46	38	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	37	30	25	36	30	25	23