

RAZOR

Low Profile Recessed LED Downlight

RZR-800

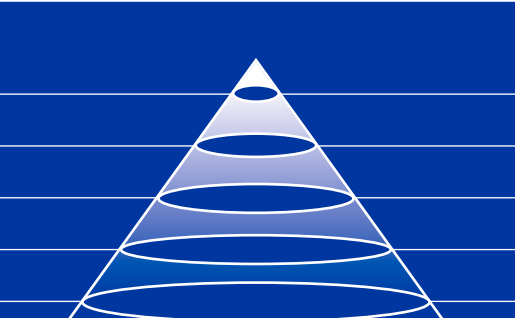
PHOTOMETRICS SHEET

PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
8"	RZR-800	1400 lm	17W / 120V	27K, 3K, 35K, 4K, 5K	90+

FOOTCANDLE DIAGRAM

Mounting height (feet / meters)	Footcandles at Nadir	Diameter (feet / meters)
0.66' / 0.2m	5786.39	1.57' / 0.48m
0.98' / 0.3m	1446.6	3.18' / 0.97m
1.64' / 0.5m	642.93	4.76' / 1.45m
1.96' / 0.6m	361.65	6.33' / 1.93m
2.62' / 0.8m	231.46	7.91' / 2.41m



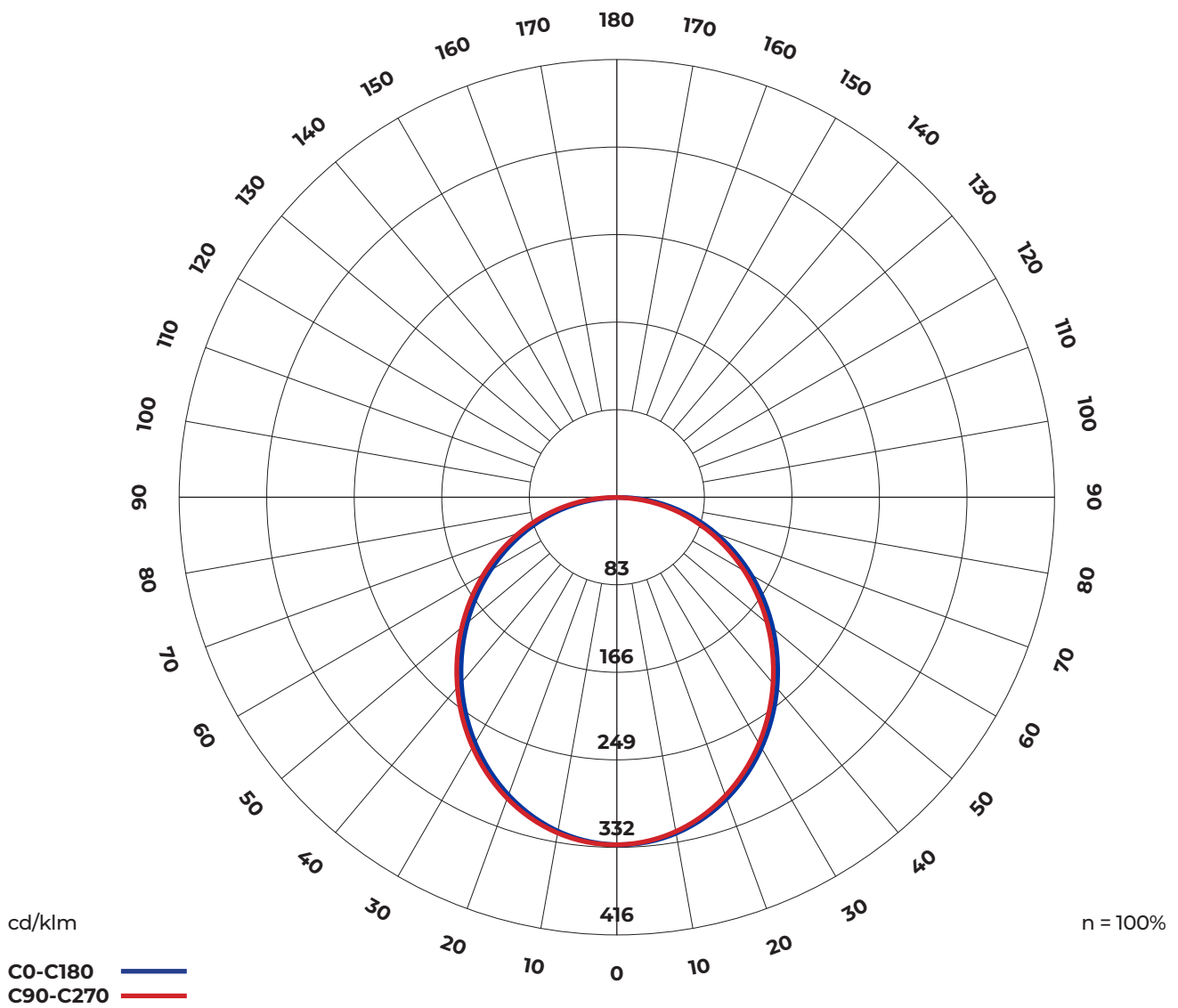
AVERAGE LUMINANCE (cd/m²)

G/C	0	45	90
0	468.2	468.2	468.2
45	337.4	334.3	331.9
55	260.9	256.8	254.1
65	178.7	174.5	171.7
75	99.7	95.1	95.1
85	25.7	21.2	17.8

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	620.8	44.07
0-60	1107.7	78.63
0-90	1408.7	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	109	104	99	96	106	102	98	94	97	94	91	93	91	88	90	88	86	83
2	99	90	83	78	96	88	82	77	85	79	75	82	77	73	78	75	71	69
3	90	79	71	64	87	78	70	64	75	68	63	72	66	61	69	64	60	58
4	82	70	61	54	80	69	60	54	66	59	53	64	58	52	62	56	52	50
5	75	62	53	47	73	61	53	46	59	52	46	57	51	45	55	50	45	43
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	48	41	35	47	40	35	46	40	35	33
8	60	46	38	32	58	46	37	32	44	37	32	43	36	31	42	36	31	29
9	56	43	34	29	55	42	34	29	41	33	28	40	33	28	39	33	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	24