

RAZOR

Low Profile Recessed LED Downlight

RZR-400

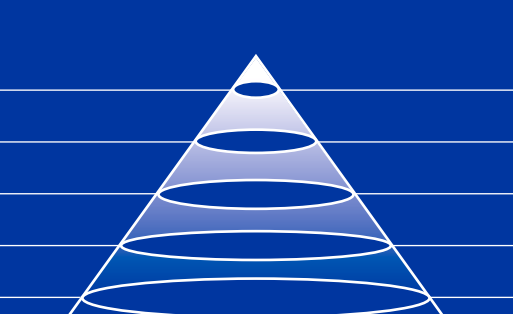
PHOTOMETRICS SHEET

PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
4"	RZR-400	830 lm	10W / 120V	27K, 3K, 35K, 4K, 5K	90+

FOOTCANDLE DIAGRAM

Mounting height (feet / meters)	Footcandles at Nadir	Diameter (feet / meters)
0.66' / 0.2m	4370.28	1.37' / 0.42m
0.98' / 0.3m	1092.57	2.72' / 0.84m
1.64' / 0.5m	485.59	4.10' / 1.25m
1.96' / 0.6m	273.14	5.45' / 1.66m
2.62' / 0.8m	174.81	6.82' / 2.08m



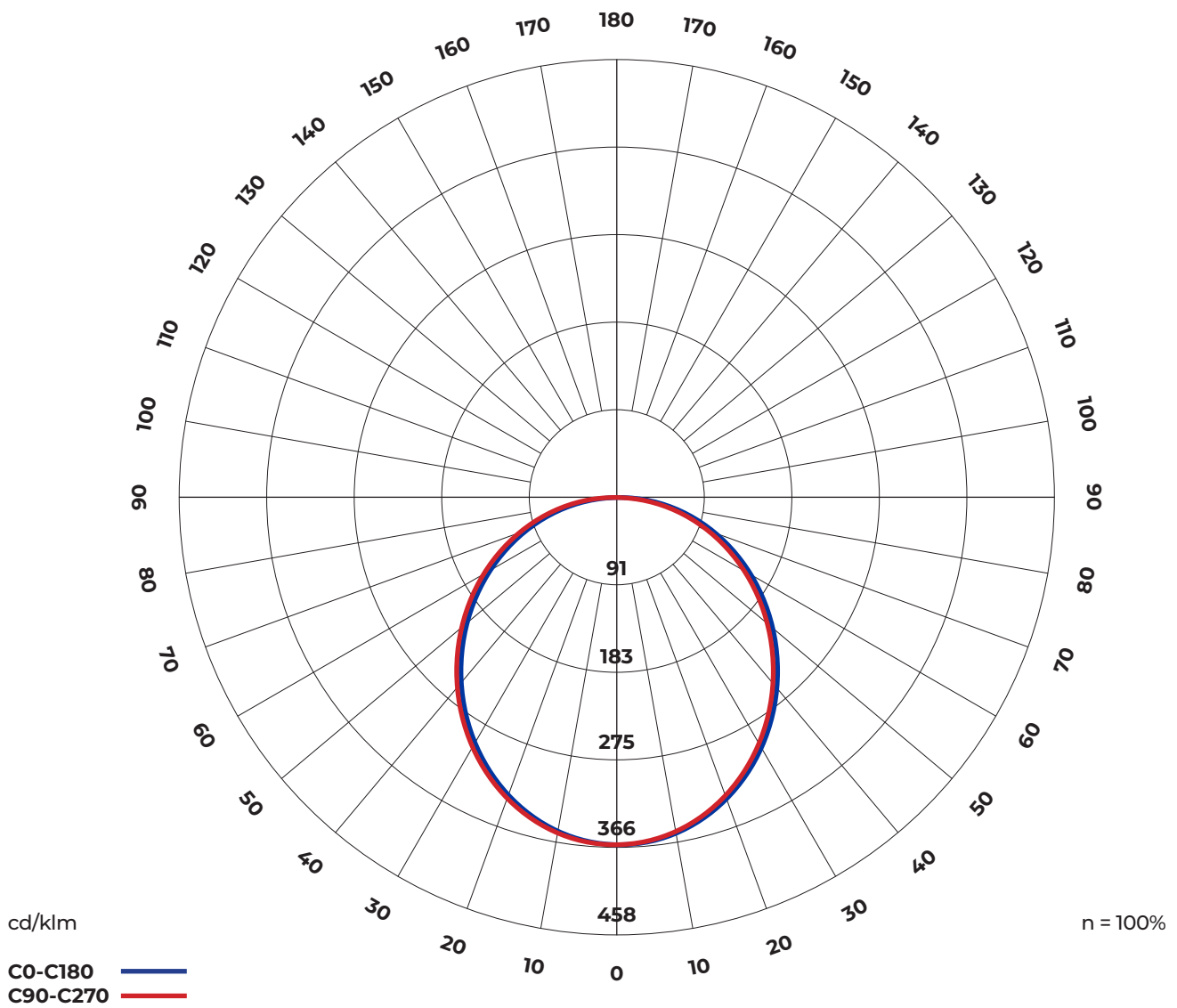
AVERAGE LUMINANCE (cd/m²)

G/C	0	45	90
0	310.4	310.4	310.4
45	197.3	201.8	204.6
55	150.6	154.9	157.4
65	102.8	107.3	109.5
75	56.6	60.5	62.6
85	14.6	17.7	19.6

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	389.4	45.72
0-60	674.4	79.19
0-90	851.6	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	100	96	106	102	98	94	97	94	91	94	91	88	90	88	86	84
2	99	91	84	78	96	89	82	77	85	80	75	82	78	74	79	75	72	70
3	90	80	72	65	88	78	71	64	75	69	63	72	67	62	70	65	61	59
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	53	50
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46	44
6	70	57	48	42	68	56	48	41	54	47	41	52	46	41	51	45	40	38
7	65	52	43	37	63	51	43	37	49	42	36	48	41	36	47	40	36	34
8	61	47	39	33	59	46	38	33	45	38	33	44	37	32	43	37	32	30
9	57	43	35	30	55	43	35	29	42	34	29	41	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	27	38	31	27	37	31	26	25