

RAZOR•R

Low Profile Regressed LED Downlight

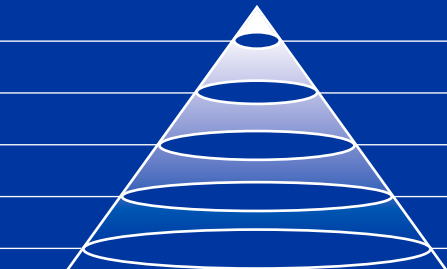
RZR-411

PHOTOMETRICS SHEET

PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
4"	RZR-411	900 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		6925.26	1.15' / 0.35m
0.98' / 0.3m		1731.32	2.33' / 0.71m
1.64' / 0.5m		769.47	3.48' / 1.06m
1.96' / 0.6m		432.83	4.63' / 1.41m
2.62' / 0.8m		277.01	5.8' / 1.77m

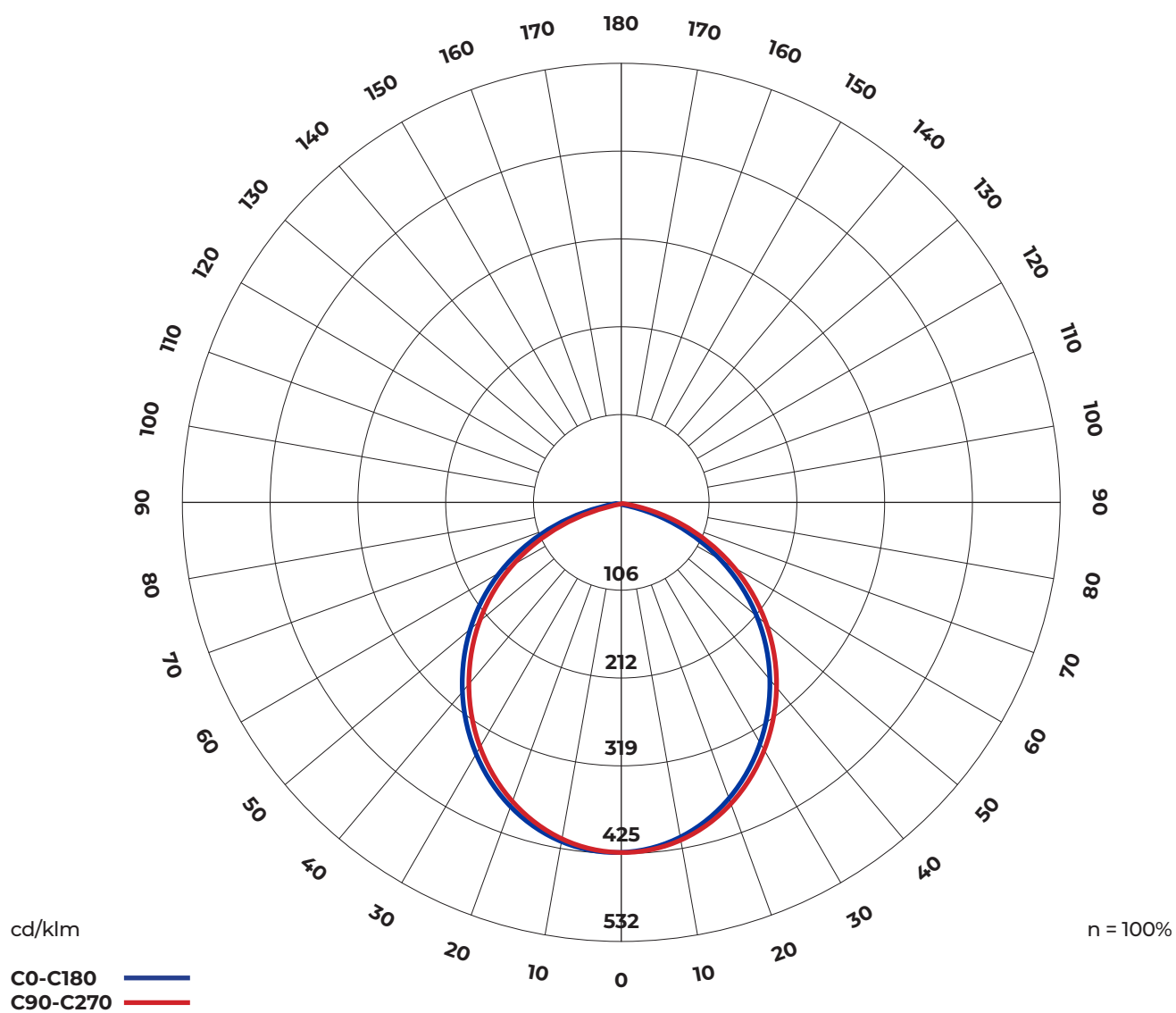
AVERAGE LUMINANCE (cd/m²)

G/C	0	45	90
0	419.9	419.9	419.9
45	239	241.7	242.1
55	169.8	172.5	171.5
65	102.9	104.3	105
75	38.1	40.2	40.2
85	0	0	0

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	507.9	51.35
0-60	844.8	85.42
0-90	989	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	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87
2	101	94	87	82	98	92	86	81	88	83	79	85	81	78	82	79	76	74
3	93	83	75	69	90	81	74	69	78	72	68	76	71	66	73	69	65	63
4	85	74	66	59	83	73	65	59	70	64	58	68	62	57	66	61	57	55
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37
8	63	50	42	36	62	49	42	36	48	41	36	47	40	36	46	40	35	34
9	59	46	38	33	58	45	38	33	44	37	32	43	37	32	42	36	32	30
10	55	43	35	30	54	42	35	30	41	34	30	40	34	29	39	34	29	28