

RAZOR CORE

4" RECESSED LED DOWNLIGHT

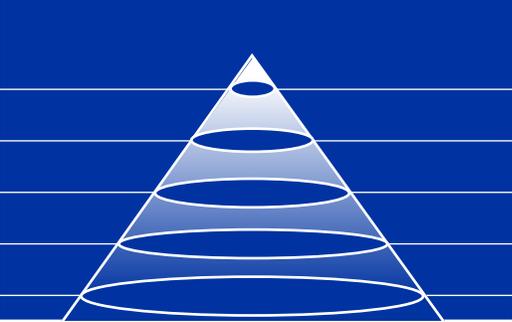
RZR-401

PHOTOMETRICS SHEET

PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
4"	RZR-401	740 LM	9W / 120V	27K / 3K / 35K / 4K / 5K	90+

FOOTCANDLE DIAGRAM

Mounting height (feet / meters)		Footcandles at Nadir	Diameter (feet / meters)
0.66' / 0.2m		12611.56	1.31' / 0.40m
0.98' / 0.3m		3152.89	2.62' / 0.80m
1.64' / 0.5m		1401.28	3.94' / 1.20m
1.97' / 0.6m		788.22	5.25' / 1.60m
2.62' / 0.8m		504.46	6.56' / 2.00m

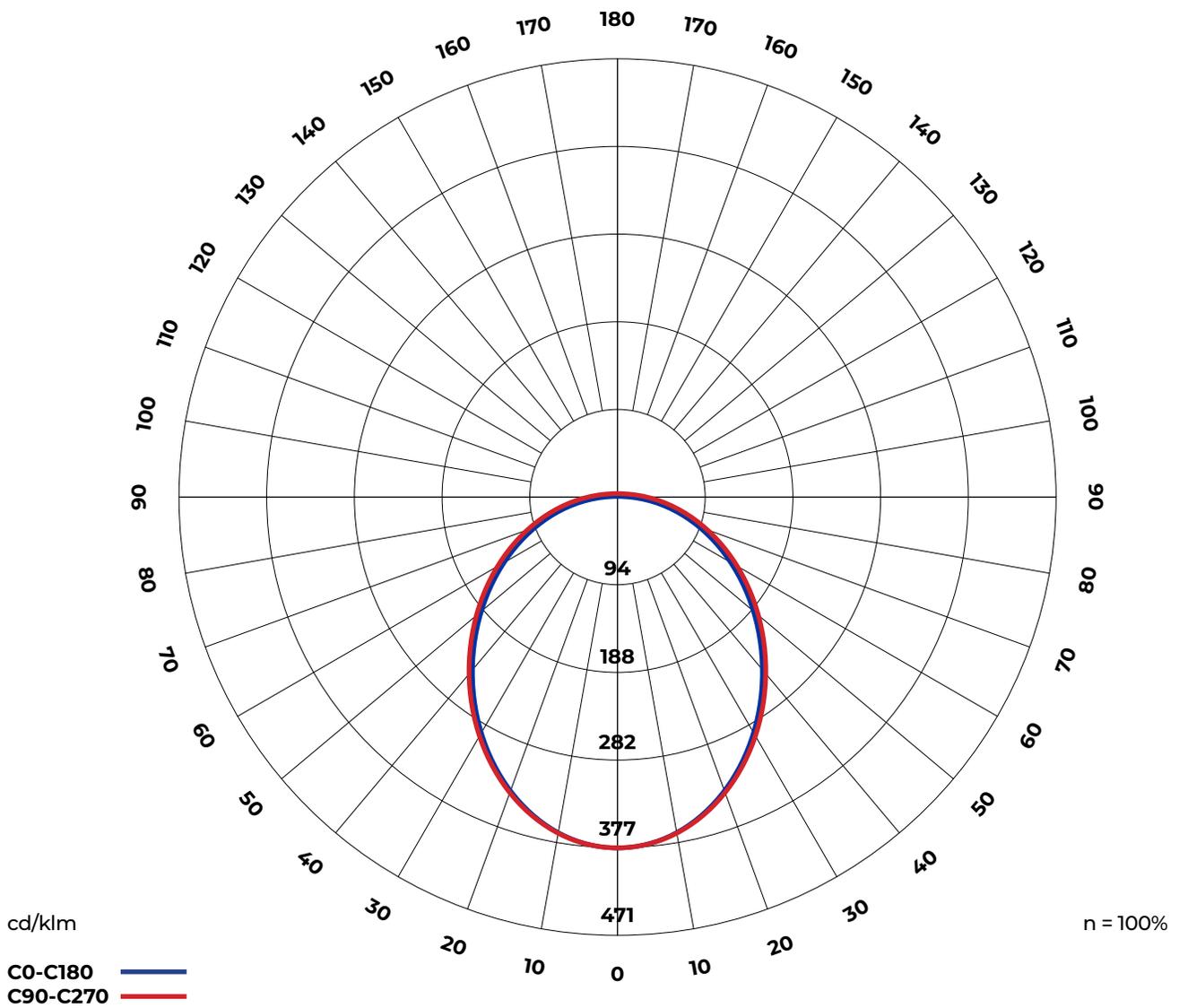
AVERAGE LUMINANCE (cd/m²)

G/C	0	45	90
0	292.9	292.9	292.9
45	181.3	178.5	177.9
55	139.2	134.2	133.9
65	93.6	89.7	89.4
75	50.1	47.2	46.4
85	11.1	8.4	7.8

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	362.50	46.45
0-60	624	79.96
0-90	780.4	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	95	98	95	92	94	91	89	90	88	86	84
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	72	70
3	91	80	72	66	88	79	71	65	76	69	64	73	67	63	70	66	62	59
4	83	71	62	56	81	70	62	55	67	60	55	65	59	54	63	57	53	51
5	76	64	55	48	74	62	54	48	60	53	47	58	52	47	57	51	46	44
6	71	57	48	42	69	56	48	42	55	47	42	53	46	41	51	45	41	39
7	66	52	43	37	64	51	43	37	50	42	37	48	42	37	47	41	36	34
8	61	48	39	33	59	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	54	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25