

RETRO·B

4" CCT BAFFLE RETROFIT

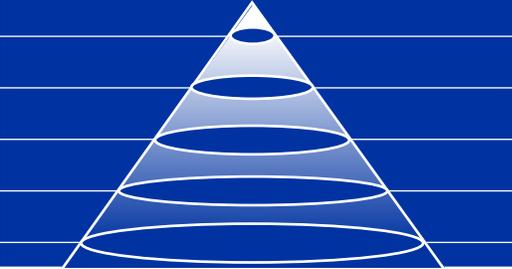
RZR-RETRO-444

PHOTOMETRICS SHEET

PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
4"	RZR-RETRO-444	810 LM	9.5W / 120V	27K / 3K / 35K / 4K / 5K	90

FOOTCANDLE DIAGRAM

Mounting height (feet / meters)		Footcandles at Nadir	Diameter (feet / meters)
3.28' / 1m		350.11	8.12' / 2.47m
6.56' / 2m		87.521	16.24' / 4.95m
9.84' / 3m		38.901	24.36' / 7.42m
13.12' / 4m		21.881	32.48' / 9.9m
16.4' / 5m		14.001	40.6' / 12.37m

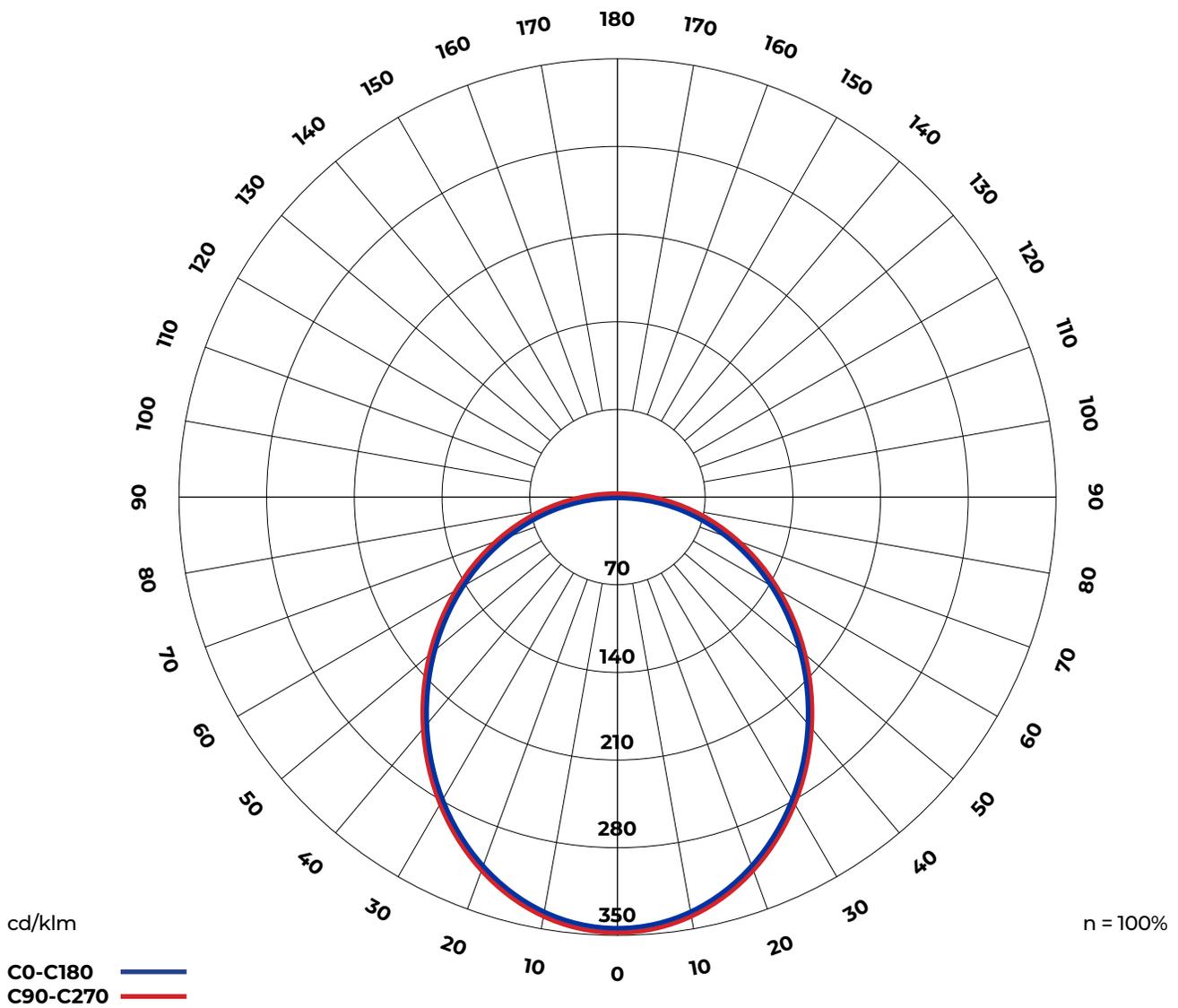
AVERAGE LUMINANCE (cd/m²)

G/C	0	45	90
0	349	349	350
45	216	215	209
55	157	153	148
65	94.1	88.9	83.3
75	33.6	29.1	22.8
85	0.00	0.01	0.00

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	431.9	50.3
0-60	735.1	85.5
0-90	859.4	100
90-180	0	0

DISTRIBUTION CURVE (cd/klm)



COEFFICIENTS OF UTILIZATION

RC	0.8	0.8	0.8	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	0.5	0.3	0.1	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
0	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	102	099	104	100	97	0	97	94	96	93	91	92	90	89	87
2	93	87	82	92	86	81	88	83	79	85	81	77	82	79	76	74
3	83	75	69	81	74	68	78	72	67	76	70	66	73	69	65	63
4	74	65	59	72	65	59	70	63	58	68	62	57	65	60	56	54
5	66	58	51	65	57	51	63	56	50	61	55	50	59	54	49	47
6	60	51	45	59	51	45	57	50	44	55	49	44	54	48	44	42
7	54	46	40	53	45	40	52	45	39	50	44	39	49	43	39	37
8	50	41	36	49	41	36	48	40	35	46	40	35	45	39	35	33
9	46	38	32	45	37	32	44	37	32	43	36	32	42	36	32	30
10	42	34	29	42	34	29	41	34	29	40	33	29	39	33	29	27