

RETRO

4" RETROFIT TURTLE FRIENDLY DOWNLIGHT

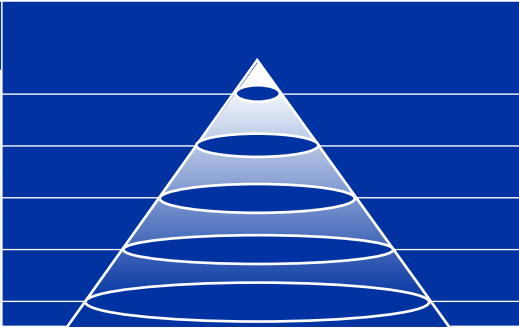
RZR-RETTL-444

PHOTOMETRICS SHEET

PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
4"	RZR-RETTL-444	150 LM	7W / 120V	1400K	N/A

FOOTCANDLE DIAGRAM

Mounting height (feet / meters)		Footcandles at Nadir	Diameter (feet / meters)
0.66' / 0.2m		2472.08	1.44' / 0.44m
0.98' / 0.3m		618.02	2.89' / 0.88m
1.64' / 0.5m		274.68	4.33' / 1.32m
1.96' / 0.6m		154.51	5.81' / 1.77m
2.62' / 0.8m		98.88	7.25' / 2.21m

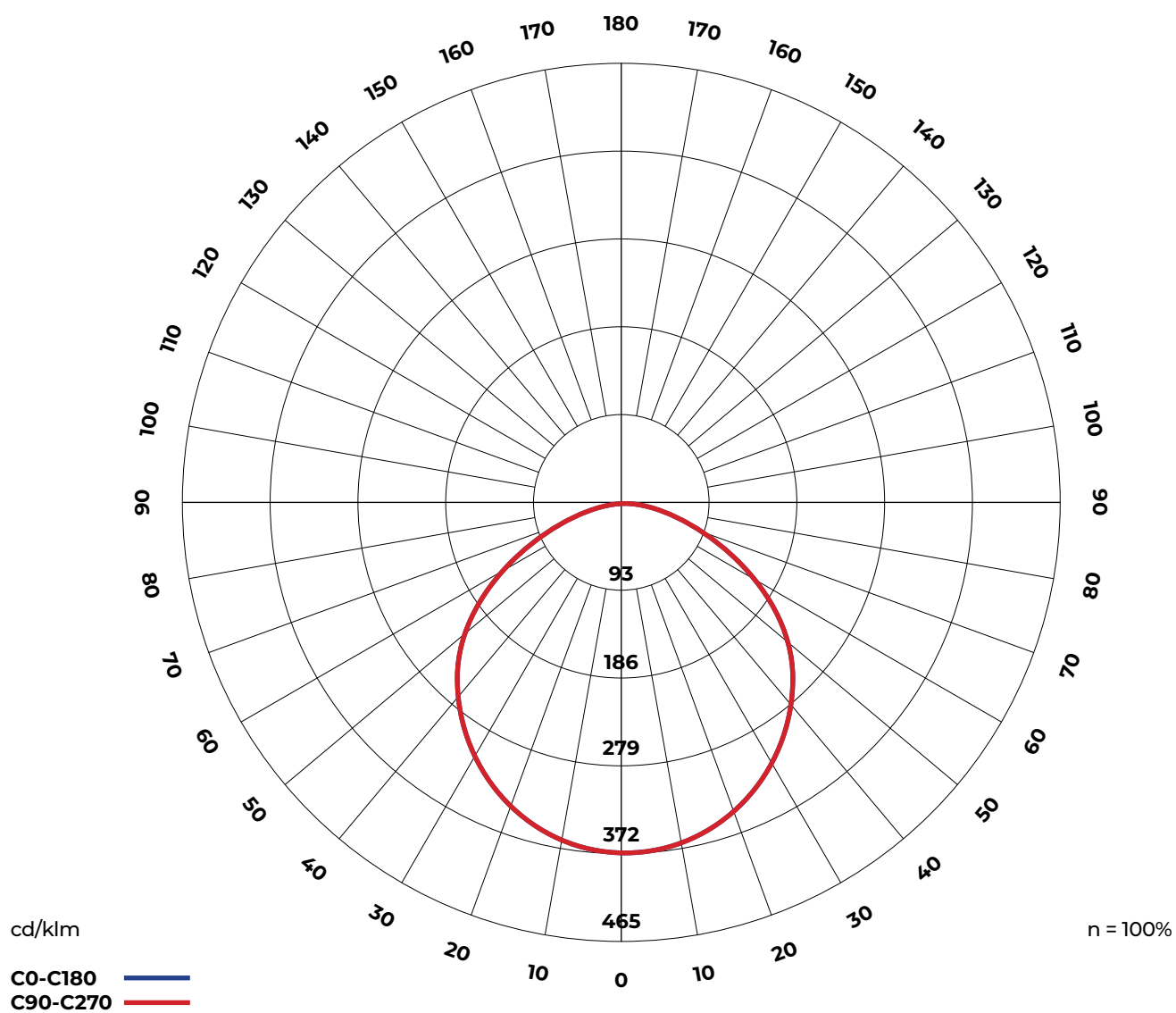
AVERAGE LUMINANCE (cd/m²)

G/C	0	45	90
0	57.4	57.4	57.4
45	38.6	38.5	38.7
55	29.3	29.3	29.4
65	18.6	18.5	18.6
75	6.8	6.8	7.0
85	0.3	0.3	0.3

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	73.1	47.33
0-60	128.7	83.31
0-90	154.5	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	0.3	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	105	101	98	107	103	100	96	99	96	93	95	93	91	92	90	88	86
2	100	92	86	81	98	91	85	80	87	82	78	84	80	76	81	77	74	72
3	92	81	74	67	89	80	73	67	77	71	66	74	69	64	72	67	63	61
4	84	72	64	57	82	71	63	57	68	62	56	66	60	55	64	59	55	52
5	77	65	56	49	75	64	55	49	61	54	49	59	53	48	58	52	48	45
6	71	58	49	43	69	57	49	43	55	48	43	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	27	38	32	27	37	32	27	26