

TURTLE FRIENDLY

Turtle Friendly LED Downlight

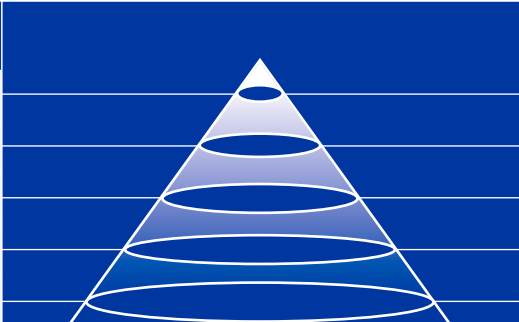
RZR-441

PHOTOMETRICS SHEET

PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
4"	RZR-441	150 lm	10W / 120V	1400K Amber	N/A

FOOTCANDLE DIAGRAM

Mounting height (feet / meters)		Footcandles at Nadir	Diameter (feet / meters)
0.66' / 0.2m		863.1	1.38' / 0.42m
0.98' / 0.3m		215.78	2.79' / 0.85m
1.64' / 0.5m		95.9	4.17' / 1.27m
1.96' / 0.6m		53.94	5.54' / 1.69m
2.62' / 0.8m		34.52	6.95' / 2.12m

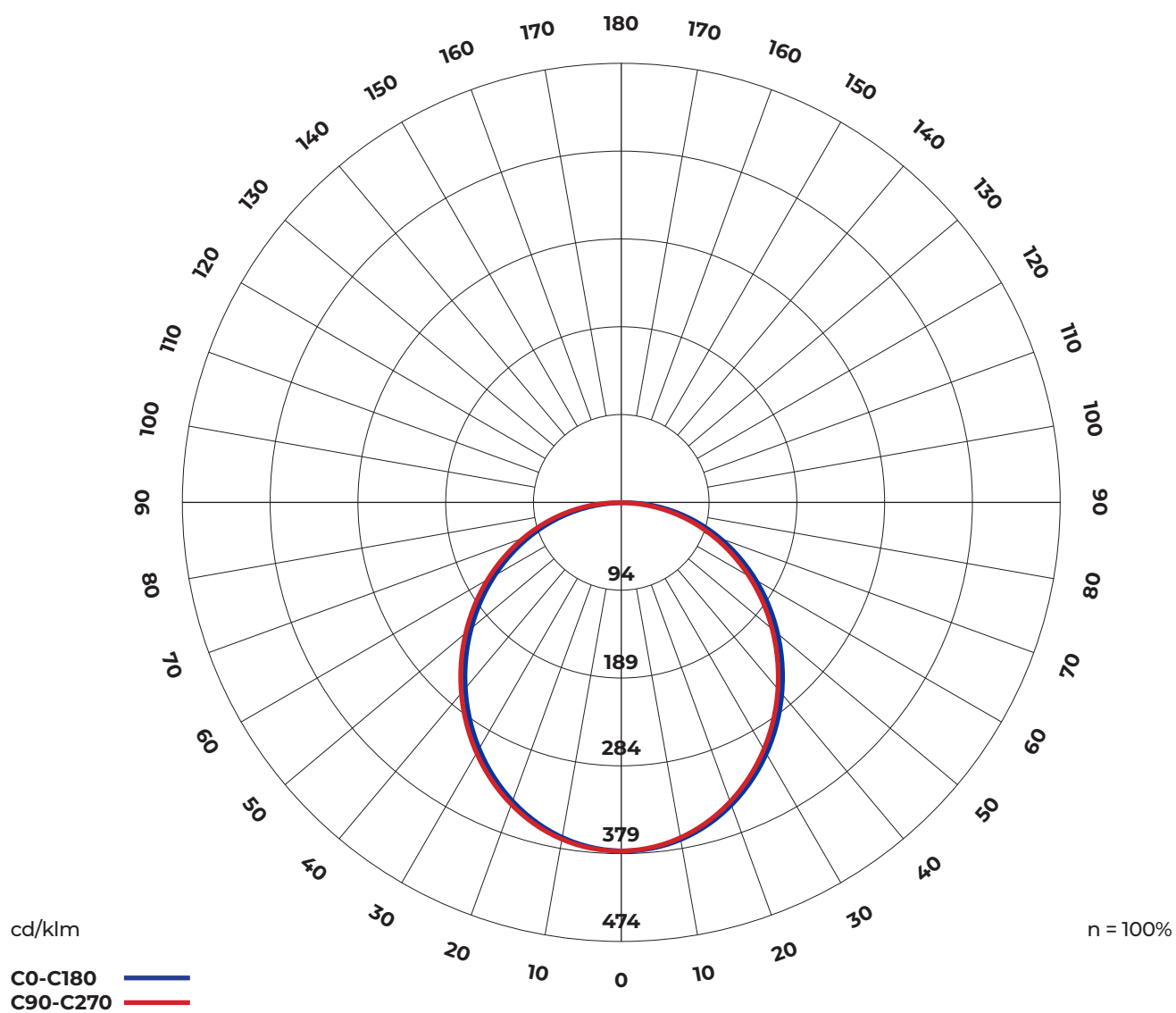
AVERAGE LUMINANCE (cd/m²)

G/C	0	45	90
0	62.3	62.3	62.3
45	40.2	40.3	40.7
55	30.4	30.6	31.1
65	19.7	19.9	20.4
75	7.8	8.3	8.7
85	0.1	0.1	0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	78.3	47.61
0-60	136.4	82.97
0-90	164.4	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	110	105	101	98	107	103	100	96	99	96	93	95	93	90	91	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	46
6	71	58	49	43	69	57	49	43	56	48	43	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	51	43	38	49	42	38	48	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	38	34	44	38	33	31
9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	35	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	27	26