

TURTLE FRIENDLY

Turtle Friendly LED Downlight

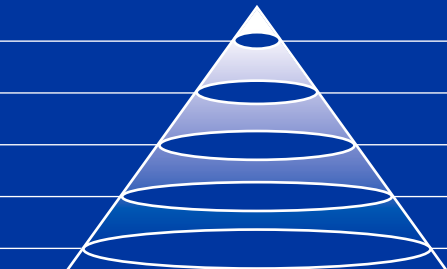
RZR-641

PHOTOMETRICS SHEET

PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
6"	RZR-641	250 lm	12W / 120V	1400K Amber	N/A

FOOTCANDLE DIAGRAM

Mounting height (feet / meters)		Footcandles at Nadir	Diameter (feet / meters)
0.66' / 0.2m		1185.85	1.44' / 0.44m
0.98' / 0.3m		296.46	2.89' / 0.88m
1.64' / 0.5m		131.76	4.30' / 1.31m
1.96' / 0.6m		74.12	5.74' / 1.75m
2.62' / 0.8m		47.43	7.19' / 2.19m

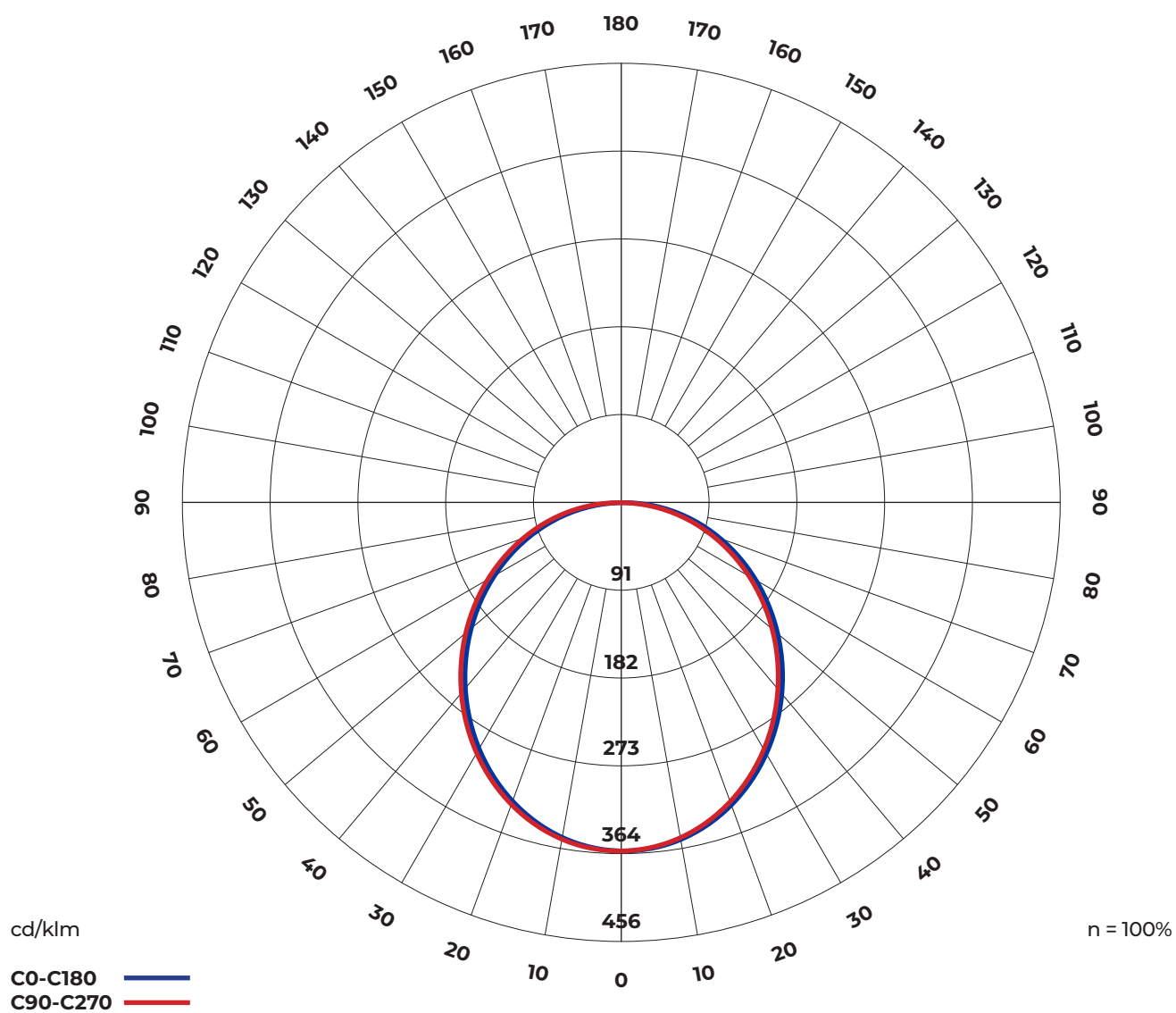
AVERAGE LUMINANCE (cd/m²)

G/C	0	45	90
0	89.1	89.1	89.1
45	57.5	57.9	58.1
55	44.2	44.9	44.9
65	30	30.6	30.5
75	15.1	15.3	15.6
85	0.2	0.2	0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	112.2	45.83
0-60	197	80.45
0-90	244.8	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	105	101	97	107	102	99	95	98	95	92	94	92	89	91	89	87	85
2	99	91	85	79	97	89	83	78	86	81	76	83	78	75	80	76	73	71
3	91	80	72	66	88	79	71	65	76	69	64	73	67	63	70	66	62	60
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	56	51	46	44
6	70	57	48	42	69	56	48	42	54	47	41	53	46	41	51	45	41	39
7	65	52	43	37	64	51	43	37	50	42	37	48	41	36	47	41	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	37	32	43	37	32	30
9	57	43	35	30	55	43	35	30	42	35	29	41	34	29	40	34	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	26	25