

TURTLE FRIENDLY

Turtle Friendly LED Downlight

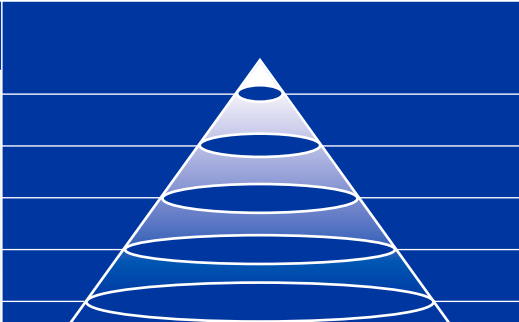
RID-646

PHOTOMETRICS SHEET

PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
6"	RID-646	355 lm	14W / 120V	1500K Amber	N/A

FOOTCANDLE DIAGRAM

Mounting height (feet / meters)		Footcandles at Nadir	Diameter (feet / meters)
0.66' / 0.2m		4125.18	0.72' / 0.22m
0.98' / 0.3m		1031.29	1.41' / 0.43m
1.64' / 0.5m		458.35	2.13' / 0.65m
1.96' / 0.6m		257.82	2.82' / 0.86m
2.62' / 0.8m		165.01	3.54' / 1.08m

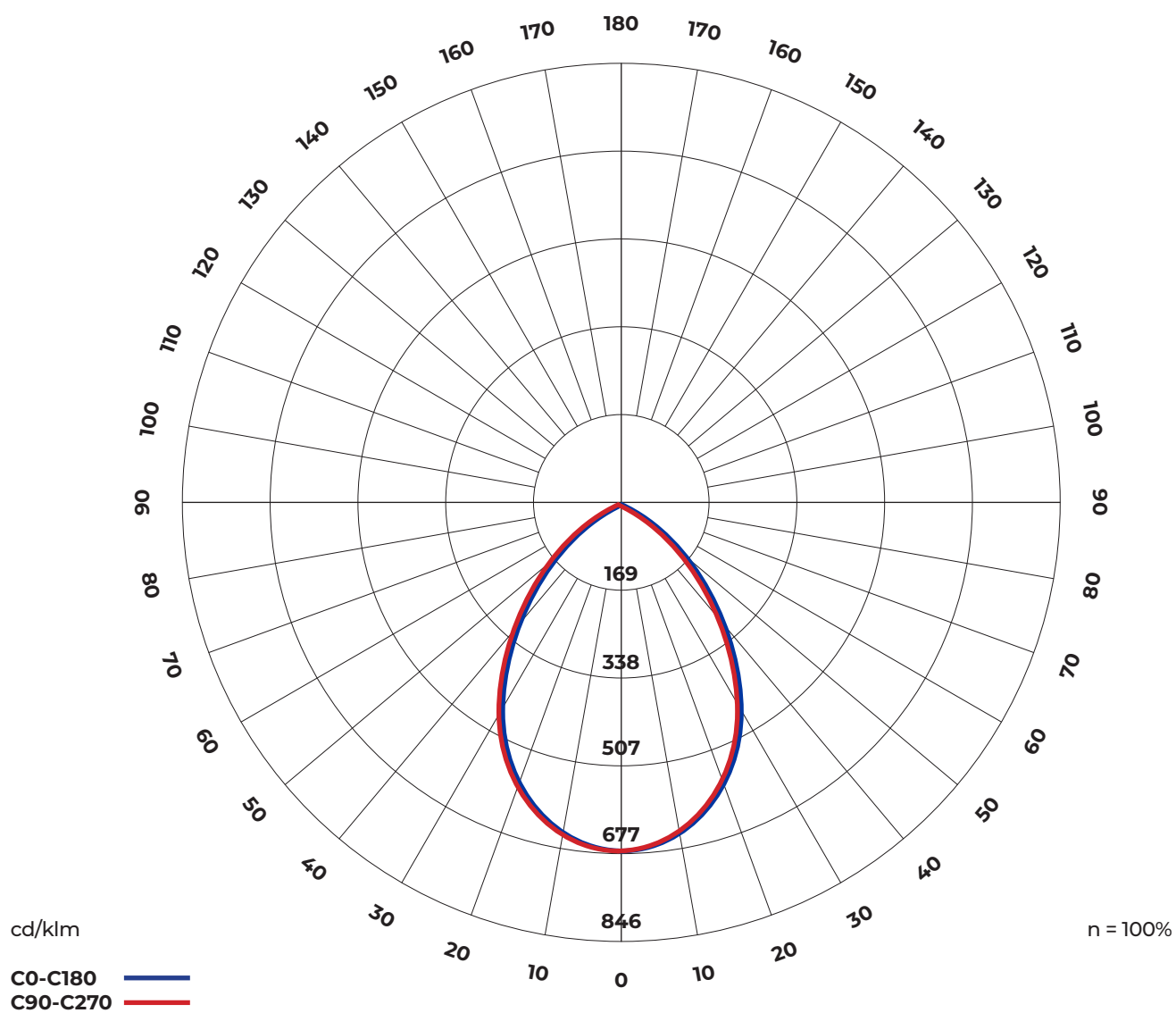
AVERAGE LUMINANCE (cd/m²)

G/C	0	45	90
0	175.10	175.10	175.10
45	49.60	48.30	48.50
55	27.60	24.90	26.50
65	12.90	12.40	12.50
75	5.40	5.10	5.10
85	1.10	1.00	1.00

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	175.5	67.85
0-60	239	92.42
0-90	258.7	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	111	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	89
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	79
3	97	88	82	77	94	87	81	76	84	79	75	81	77	74	79	75	72	70
4	90	80	73	68	88	79	73	67	77	71	67	75	70	66	73	68	65	63
5	84	74	66	61	82	73	66	60	71	64	60	69	63	59	67	62	59	57
6	79	68	60	55	77	67	60	54	65	59	54	63	58	54	62	57	53	51
7	74	62	55	50	72	62	55	50	60	54	49	59	53	49	58	53	49	47
8	69	58	50	45	68	57	50	45	56	50	45	55	49	45	54	49	45	43
9	65	54	47	42	64	53	46	42	52	46	41	51	45	41	50	45	41	40
10	62	50	43	39	61	50	43	39	49	43	38	48	42	38	47	42	38	37