

TURTLE FRIENDLY

Turtle Friendly LED Downlight

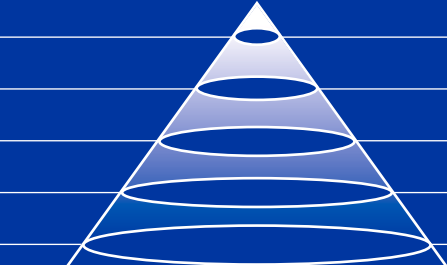
RID-446

PHOTOMETRICS SHEET

PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
4"	RID-446	265 lm	12W / 120V	1500K Amber	N/A

FOOTCANDLE DIAGRAM

Mounting height (feet / meters)		Footcandles at Nadir	Diameter (feet / meters)
0.66' / 0.2m		2886.59	0.66' / 0.20m
0.98' / 0.3m		721.65	1.35' / 0.41m
1.64' / 0.5m		320.73	2' / 0.61m
1.96' / 0.6m		180.41	2.66' / 0.81m
2.62' / 0.8m		115.46	3.35' / 1.02m

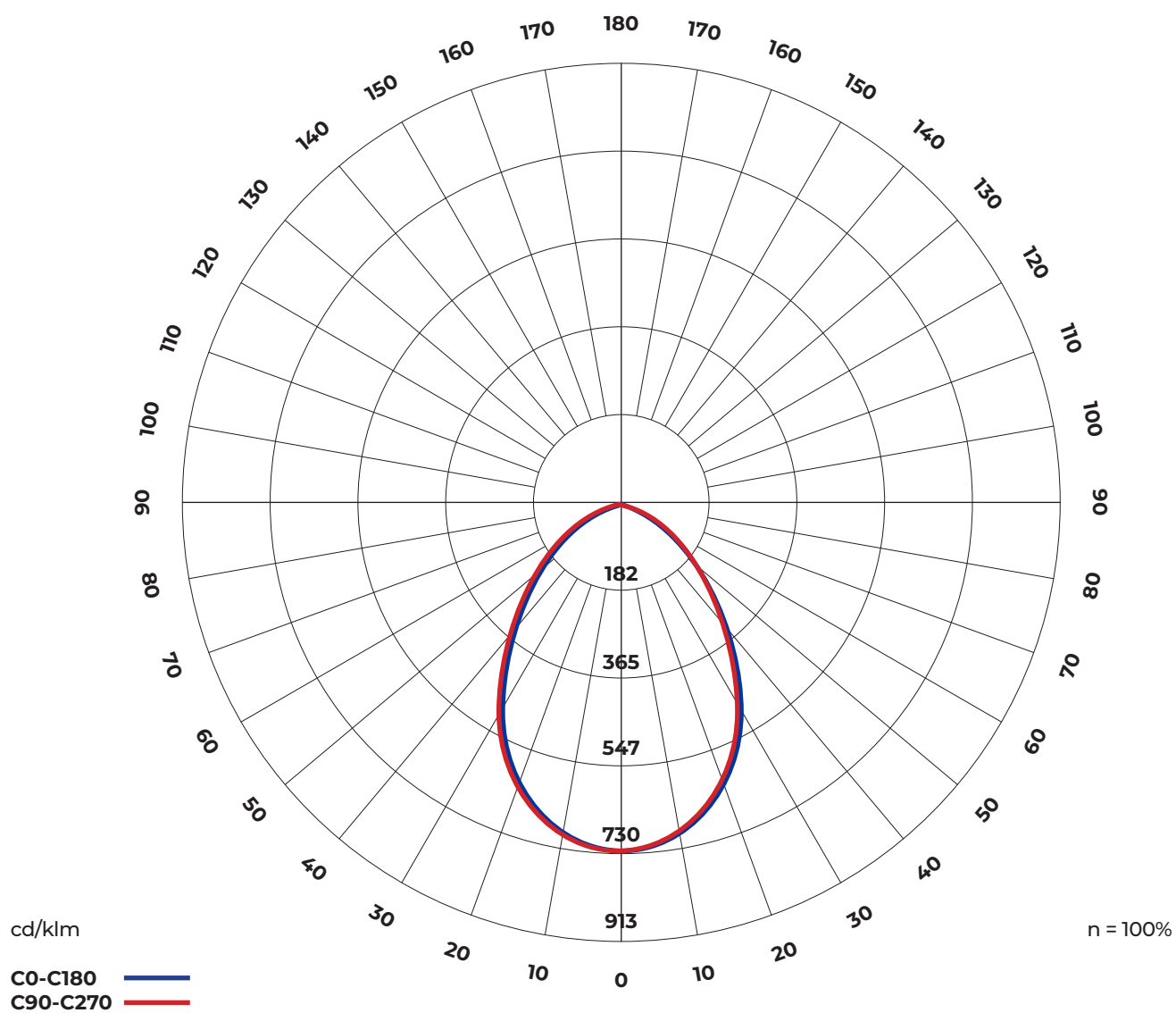
AVERAGE LUMINANCE (cd/m²)

G/C	0	45	90
0	118.90	118.90	118.90
45	30.70	29.80	29.60
55	16.20	15.00	15.40
65	7.20	7.10	7.00
75	3.00	3.00	2.90
85	0.50	0.50	0.40

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	114.8	70.46
0-60	152.1	93.39
0-90	162.9	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	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	72
4	91	81	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	64
5	85	75	67	62	83	74	67	62	72	66	61	70	65	61	68	64	60	58
6	80	69	62	56	78	68	61	56	66	60	56	65	59	55	63	59	55	53
7	75	64	56	51	73	63	56	51	62	55	51	60	55	50	59	54	50	49
8	71	59	52	47	69	58	52	47	57	51	47	56	51	46	55	50	46	45
9	67	55	48	43	65	55	48	43	53	47	43	53	47	43	52	46	43	41
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38