

PINNACLE 170

Specification Grade 24V Tape Light

TL170-UL24V

PHOTOMETRICS SHEET

PHOTOMETRICS

Reel size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
49.2'	TL170-UL24V	170 lm/ft	1.9W per foot / 24V	27K, 3K, 4K & 5K	97+

FOOTCANDLE DIAGRAM

Mounting height (feet / meters)		Footcandles at Nadir	Diameter (feet / meters)
3.3' / 1m		59.59	10' / 3.08m
6.6' / 2m		14.90	20.23' / 6.17m
9.8' / 3m		6.621	30.34' / 9.25m
13.12' / 4m		3.724	40.46' / 12.33m
16.40' / 5m		2.383	50.57' / 15.41m

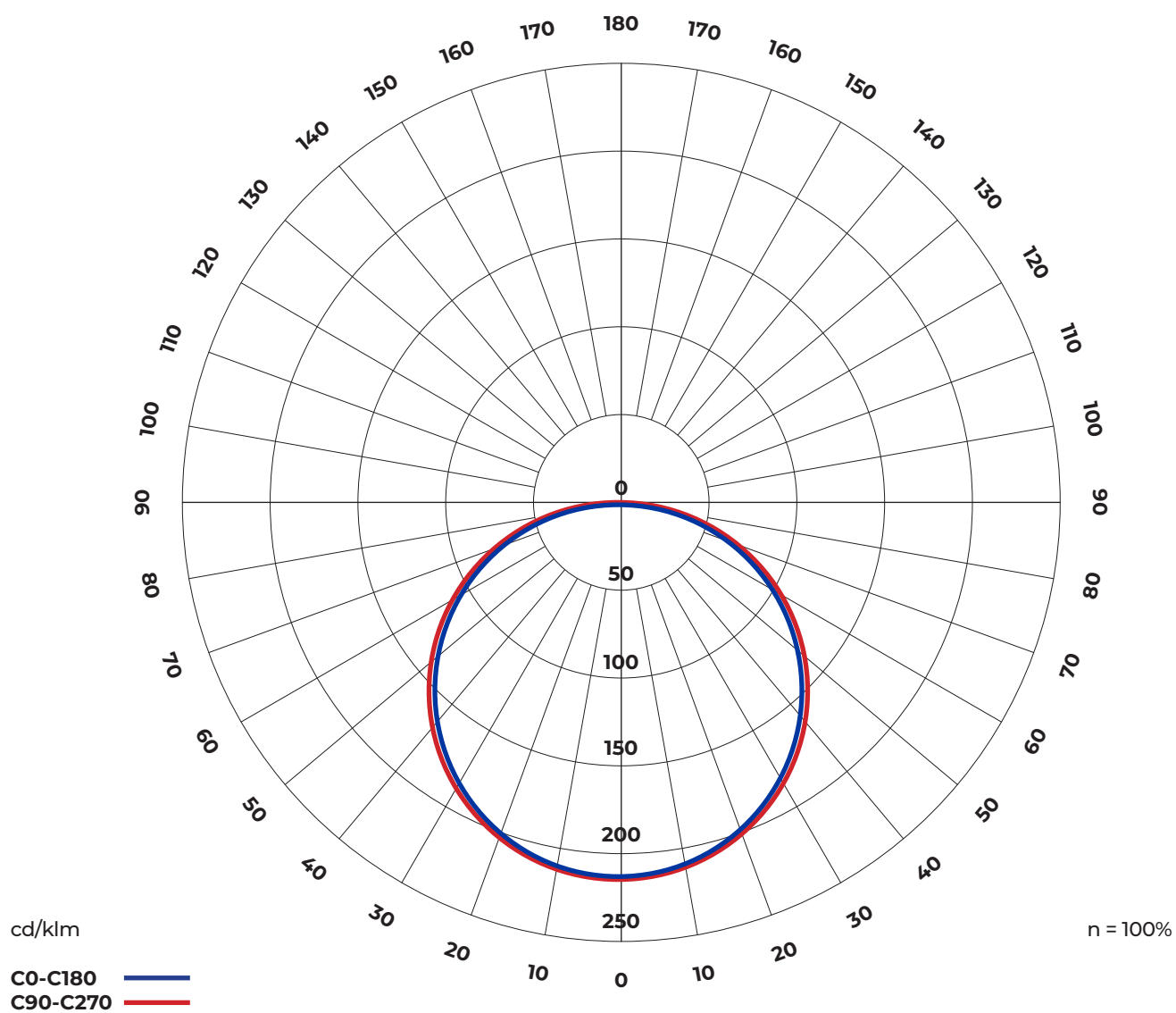
AVERAGE LUMINANCE (cd/m²)

G/C	0	45	90
0	216	217	218
45	148	150	149
55	115	117	118
65	77.9	80	79
75	36.4	39.9	38.0
85	4.21	5.53	2.48

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	280.5	45.1
0-60	498.5	80.1
0-90	622.4	100
90-180	0	0

DISTRIBUTION CURVE (cd/klm)



COEFFICIENTS OF UTILIZATION

RC	0.8	0.8	0.8	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	0.5	0.3	0.1	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																
0	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	100
1	104	100	97	102	98	95	98	95	92	94	91	89	90	88	86	84
2	91	84	79	89	83	78	86	80	76	82	78	74	79	76	73	70
3	80	72	65	78	71	65	75	69	64	73	67	62	70	65	61	59
4	71	62	55	69	61	55	67	60	54	65	58	53	62	57	53	50
5	63	54	48	62	54	47	60	52	47	58	51	46	56	50	46	44
6	57	48	41	56	47	41	54	47	41	52	46	41	51	45	40	38
7	51	43	37	51	42	36	49	42	36	48	41	36	46	40	36	34
8	47	38	33	46	38	32	45	38	32	44	37	32	42	36	32	30
9	43	35	29	42	35	29	41	34	29	40	34	29	39	33	29	27
10	40	32	27	39	32	26	38	31	26	37	31	29	36	30	26	24