

PYTHON

48" High Power Linear Strip Light

WSLMS48-CCT

PHOTOMETRICS SHEET

PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
48"	WSLMS48-CCT	3120 lm 4200 lm 5175 lm	26W / 120-277V 35W / 120-277V 45W / 120-277V	3K / 35K / 4K	80

FOOTCANDLE DIAGRAM

Mounting height (feet / meters)		Footcandles at Nadir	Diameter (feet / meters)
3.28' / 1m		2007.8	9.03' / 2.75m
6.56' / 2m		501.9	18.06' / 5.5m
9.84' / 3m		223.1	27.08' / 8.25m
13.12' / 4m		125.5	36.11' / 11m
16.4' / 5m		80.3	45.14' / 13.75m
19.68' / 6m		55.8	54.17' / 16.51m
22.96' / 7m		41	63.2' / 19.26m

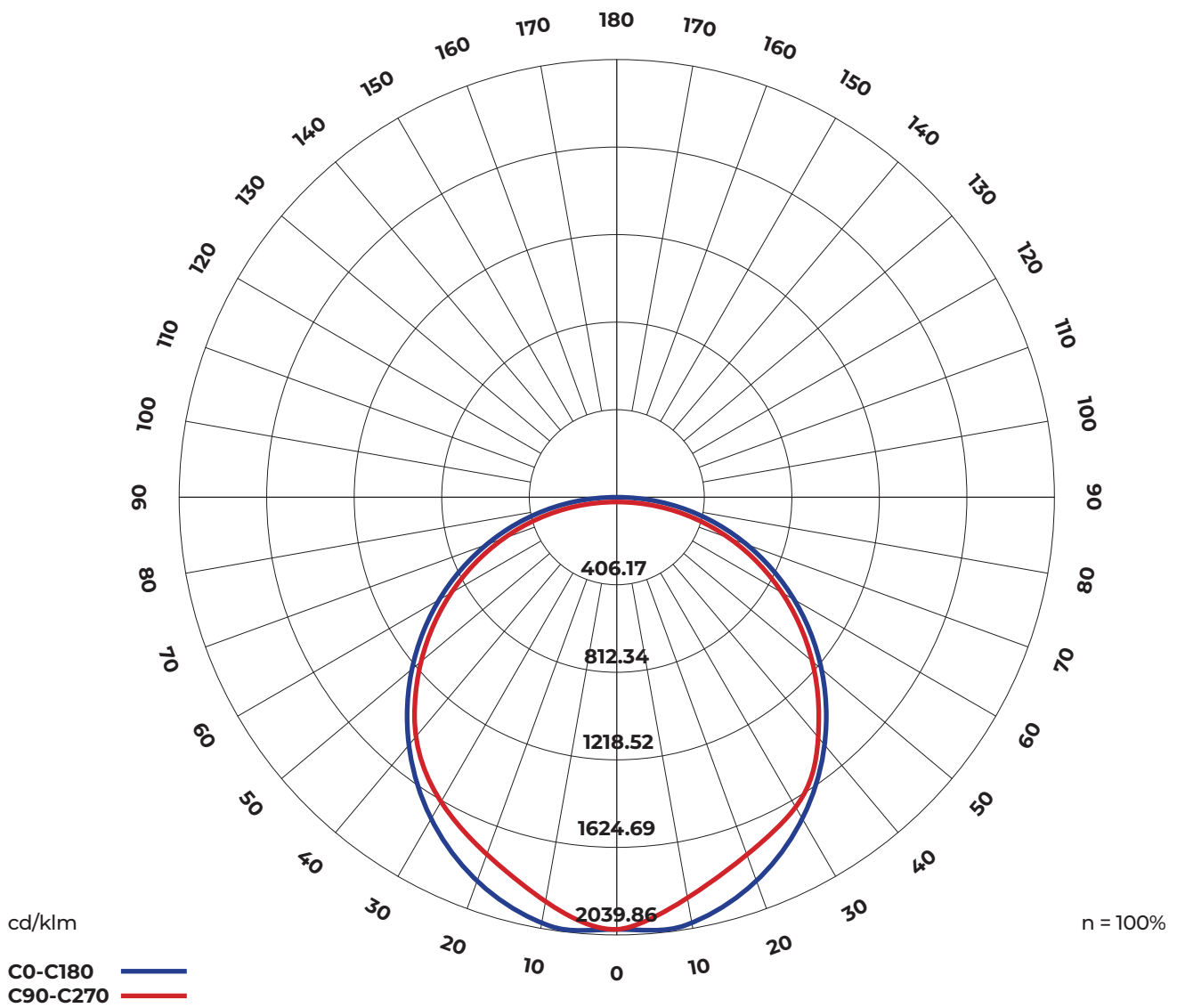
AVERAGE LUMINANCE (cd/m²)

G/C	0	45	90
0	1938.76	1176.85	49.96
45	1938.76	1232.74	29.85
90	1938.76	1272.76	2.54
180	1938.76	1165.63	39.17
270	1938.76	1294.98	3.81
360	1938.76	1176.85	49.96

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	2421.64	45.24
0-60	4218.35	78.8
0-90	5329.22	99.55
90-180	23.88	0.45

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
RW	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
WP	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
RCR	RF = 5									
k = 0.6	58	46	39	57	46	39	56	45	39	32
0.8	68	56	49	66	55	48	65	55	48	41
1	76	65	57	75	64	57	72	66	57	49
1.25	83	72	65	81	72	65	79	70	64	57
1.5	88	78	71	86	77	70	83	75	69	62
2	95	86	80	93	85	79	89	83	77	69
2.5	99	91	85	97	89	84	93	87	82	74
3	102	95	90	100	94	88	96	91	86	78
4	106	100	96	104	98	94	99	95	91	82
5	108	104	99	106	102	98	101	98	95	85