

COBRAPLUS

24" Low Profile Wrap Light

WLLED24-CCT

PHOTOMETRICS SHEET

PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
24"	WLLED24-CCT	2160 lm 2900 lm 3500 lm	18W / 120-277V 24W / 120-277V 30W / 120-277V	3K / 4K / 5K	80

FOOTCANDLE DIAGRAM

Mounting height (feet / meters)		Footcandles at Nadir	Diameter (feet / meters)
3.28' / 1m		1368	9.07' / 2.76m
6.56' / 2m		342	18.14' / 5.53m
9.84' / 3m		152	27.21' / 8.29m
13.12' / 4m		85.5	36.26' / 11.05m
16.4' / 5m		54.7	45.36' / 13.83m
19.68' / 6m		38	54.43' / 16.6m
22.96' / 7m		27.9	63.5' / 19.35m

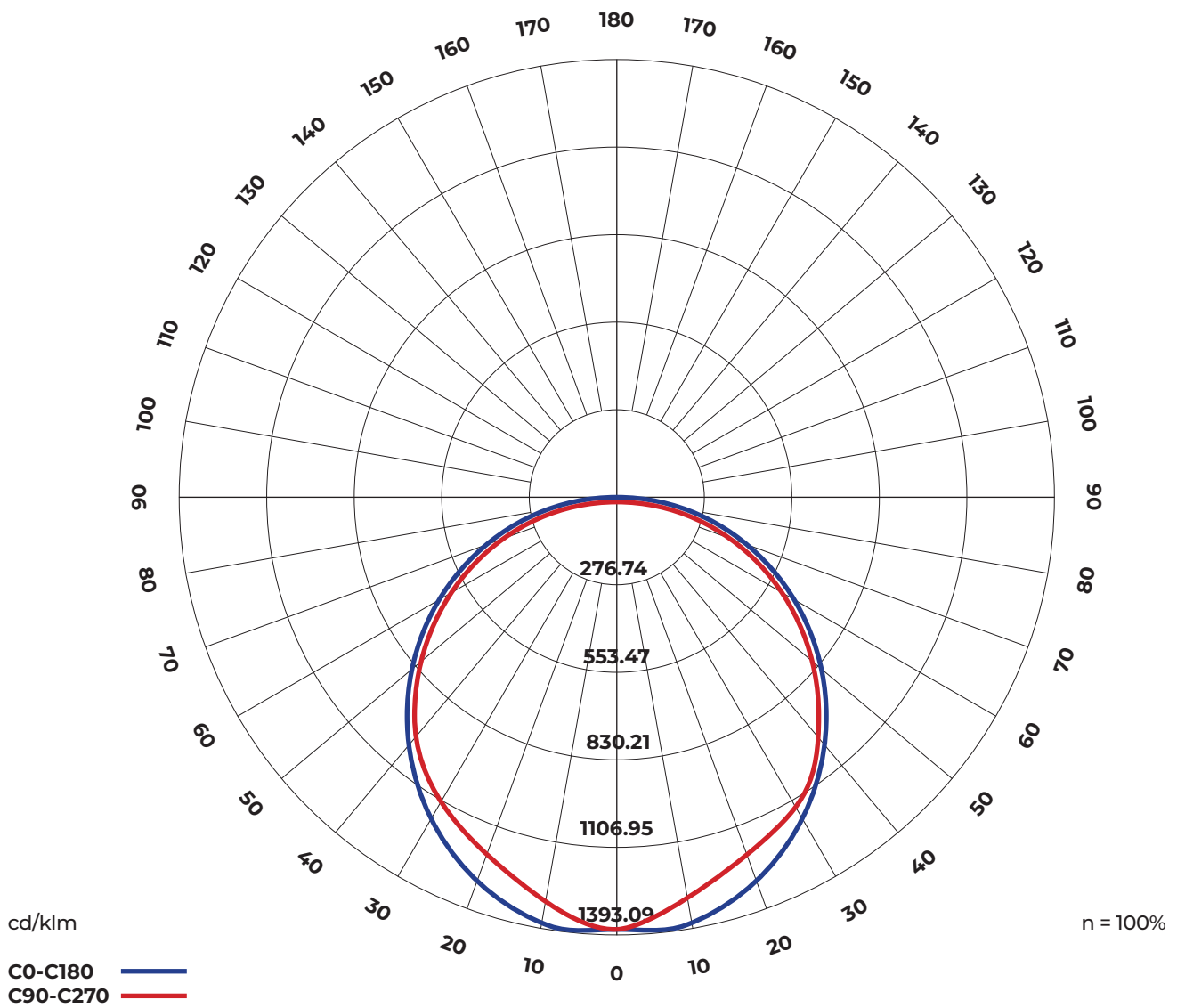
AVERAGE LUMINANCE (cd/m²)

G/C	0	45	90
0	1347.45	843.85	64.15
45	1347.45	842.58	42.76
90	1347.45	879.41	2.75
180	1347.45	801.29	46.58
270	1347.45	870.31	1.69
360	1347.45	843.85	64.15

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	1664.01	44.95
0-60	2890.21	78.07
0-90	3669.61	90.12
90-180	32.50	0.88

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	57	45	38	56	45	38	55	45	38	32
0.8	67	55	48	66	55	48	64	54	47	40
1	75	64	57	74	63	56	72	65	56	49
1.25	82	72	64	81	71	64	78	69	63	56
1.5	87	77	70	86	76	70	82	75	69	61
2	94	85	79	92	84	78	89	82	77	68
2.5	98	90	84	96	89	83	92	86	81	73
3	102	94	89	99	93	88	95	90	85	77
4	106	100	95	103	98	93	99	94	91	81
5	108	103	99	105	101	97	101	97	94	84