

# COBRAPLUS

48" Low Profile Wrap Light

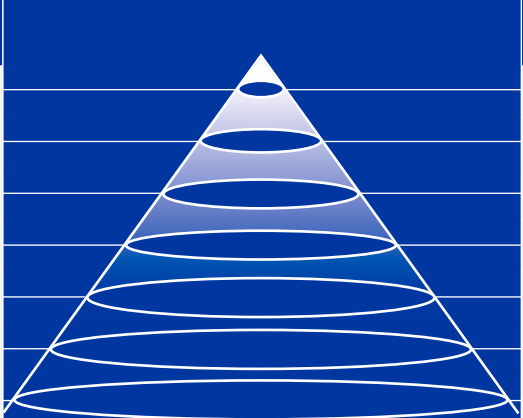
## WLLED48-CCT

PHOTOMETRICS SHEET

### PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
48"	WLLED48-CCT	4250 lm 5000 lm 6000 lm	36W / 120-277V 42W / 120-277V 52W / 120-277V	3K / 4K / 5K	80

### FOOTCANDLE DIAGRAM

Mounting height (feet / meters)		Footcandles at Nadir	Diameter (feet / meters)
3.28' / 1m		2349	9.11' / 2.78m
6.56' / 2m		587.2	18.22' / 5.55m
9.84' / 3m		261	27.33' / 8.33m
13.12' / 4m		146.8	36.44' / 11.1m
16.4' / 5m		94	45.55' / 13.88m
19.68' / 6m		65.2	54.66' / 16.66m
22.96' / 7m		47.9	63.77' / 19.44m

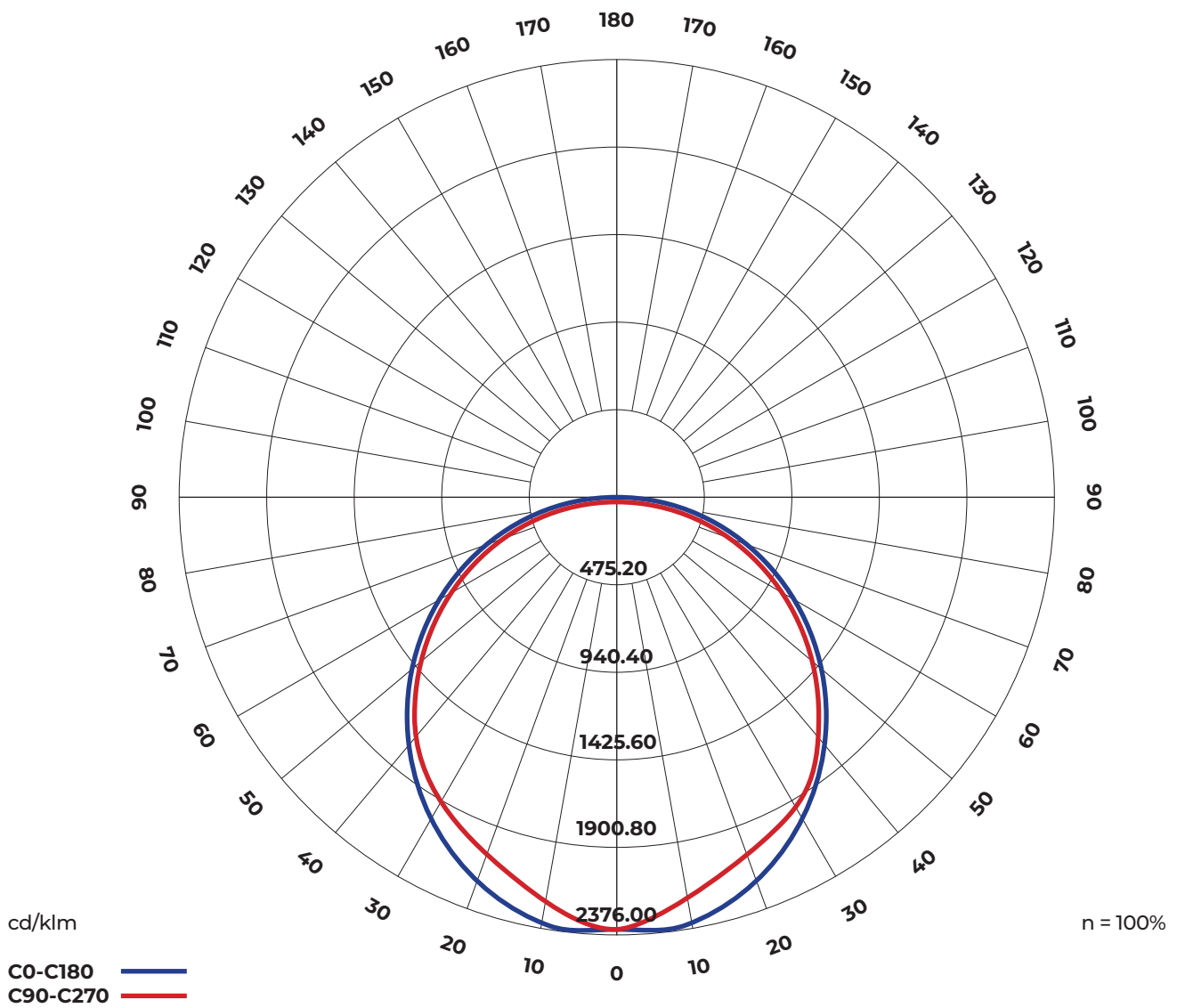
### AVERAGE LUMINANCE (cd/m<sup>2</sup>)

G/C	0	45	90
0	2266.97	1340.66	89.45
45	2266.97	1413.29	56.90
90	2266.97	1489.01	3.32
180	2266.97	1384.28	95.65
270	2266.97	1530.86	4.43
360	2266.97	1340.66	89.45

## ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	2827.35	44.73
0-60	4927.27	77.95
0-90	6269.52	99.18
90-180	51.63	0.82

## 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	46	39	57	46	39	55	45	39	32
0.8	67	56	48	66	55	48	64	54	48	41
1	76	65	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	65	78	70	64	56
1.5	88	78	71	86	77	70	83	75	69	61
2	94	86	79	93	84	78	89	82	77	69
2.5	98	90	84	96	89	83	92	86	81	73
3	102	95	89	99	93	88	95	90	86	77
4	106	100	95	103	98	94	99	94	91	82
5	108	103	99	106	101	97	101	97	94	85