

PUCK LIGHT

24V LED Puck Light


PL24V-CCT

PHOTOMETRICS SHEET

PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
3"	PL24V-CCT	120 LM	3.5W / 24V	2700K / 3000K / 4000K	90+

FOOTCANDLE DIAGRAM

Mounting height (feet / meters)		Footcandles at Nadir	Diameter (feet / meters)
3.28' / 1m		42.69	6.56' / 2m
6.56' / 2m		10.67	13.12' / 4m
9.84' / 3m		4.74	19.69' / 6m
13.12' / 4m		2.67	26.25' / 8m
16.4' / 5m		1.71	32.8' / 10m

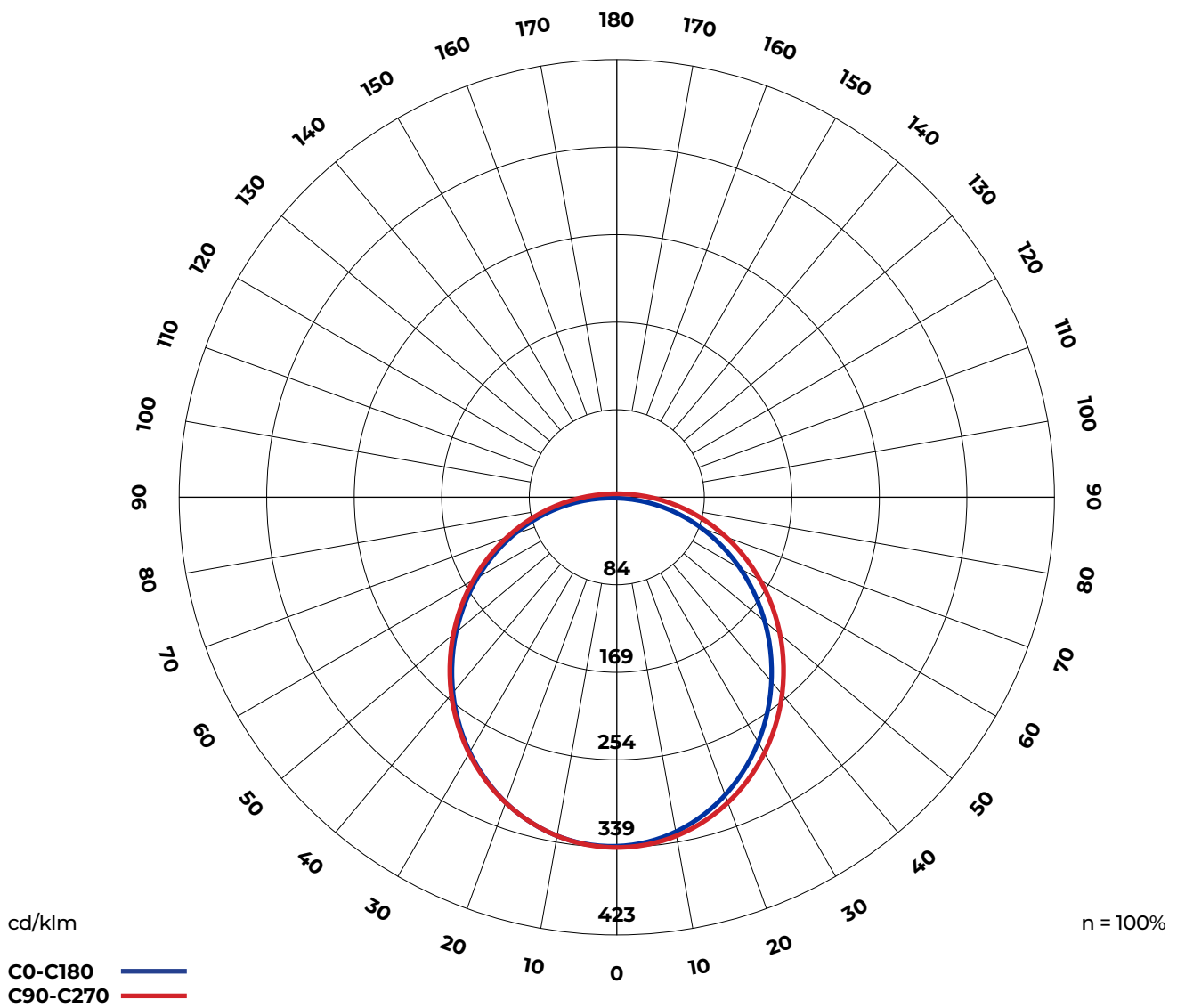
AVERAGE LUMINANCE (cd/m²)

G/C	0	45	90
0	42.7	42.8	42.8
45	27	28.6	29
55	20.5	22.3	23.1
65	13.4	15.4	16.3
75	6.3	8.2	9.1
85	0.7	2.0	2.7

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	54.8	43.33
0-60	97.3	76.99
0-90	124.8	98.73
90-180	1.6	1.27

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	110	110	110	105	105	105	101	101	101	99
1	108	103	99	95	105	101	97	93	96	93	90	92	90	87	88	86	84	82
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	77	74	70	68
3	89	79	70	64	87	77	69	63	74	67	62	71	65	61	68	63	59	57
4	82	70	61	54	79	68	60	53	66	58	53	63	57	52	61	55	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	49	43	39	37
7	64	51	42	36	62	50	41	35	48	41	35	47	40	35	45	39	34	32
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	41	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	26	36	30	25	35	29	25	23