

PINNACLE 210

Professional Grade 24V COB Tape Light

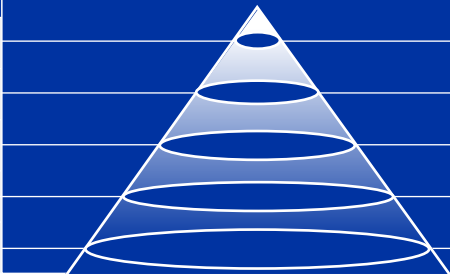
TL210-COB24V

PHOTOMETRICS SHEET

PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
32.8ft (10m)	TL210-COB24V	200LM/ft	1.9W/ft / 24V	3K / 4K	90+

FOOTCANDLE DIAGRAM

Mounting height (feet / meters)		Footcandles at Nadir	Diameter (feet / meters)
4' / 1.22m		157.71	10.35' / 3.15m
6' / 1.83m		39.441	20.70 / 6.31m
8' / 2.44m		17.53	31.05' / 9.46m
10' / 3.05m		9.8591	41.39' / 12.62m
12' / 3.66m		6.31	51.74' / 15.77m

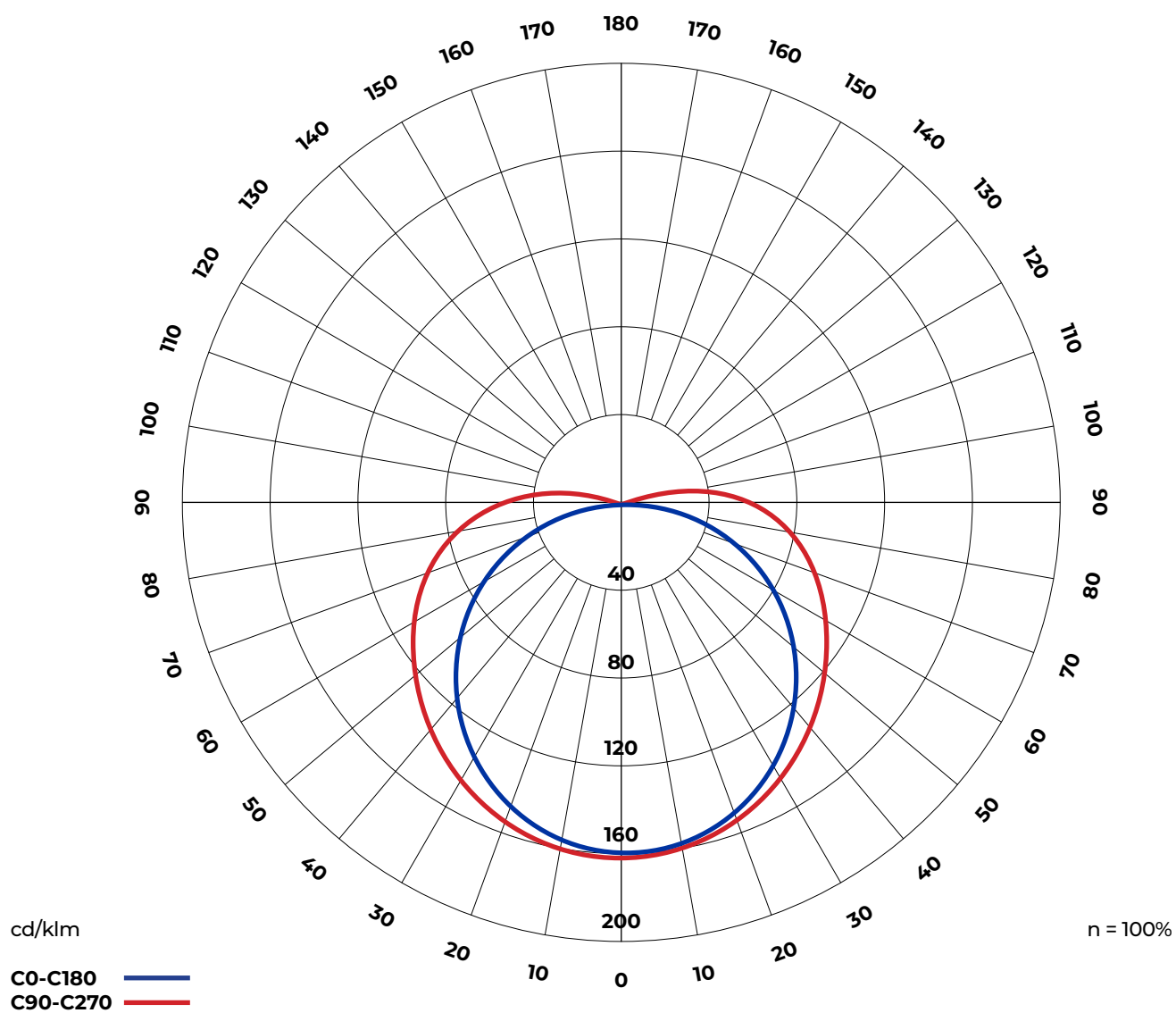
AVERAGE LUMINANCE (cd/m²)

G/C	0	45	90
0	158	157	158
45	129	122	109
55	116	106	86.3
65	102.0	87.0	60.1
75	87.2	70.0	32.3
85	68.7	51.6	8.25

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-40	209.9	33.2
0-60	394.9	62.5
0-90	596.1	94.3
90-180	36	5.7

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	118	118	118	114	114	114	108	108	108	102	102	102	97	97	97	94	102	100
1	98	93	88	95	90	86	90	86	82	85	81	78	80	77	75	72	96	94
2	84	76	69	81	74	67	77	70	65	72	67	63	68	64	60	58	90	89
3	72	63	56	70	62	55	66	59	53	63	57	51	59	54	50	47	85	84
4	64	54	46	62	53	46	58	51	44	55	49	43	52	47	42	39	81	79
5	56	47	39	55	46	39	52	44	38	49	42	37	47	41	36	34	77	75
6	50	41	34	49	40	34	47	39	33	44	37	32	42	36	31	29	73	72
7	46	36	30	44	36	29	42	34	29	40	33	28	39	32	28	25	70	69
8	41	32	26	40	32	26	39	31	26	37	30	25	35	29	24	22	67	66
9	38	29	24	37	29	23	35	28	23	34	27	22	33	26	22	20	64	63
10	35	27	21	34	26	21	33	26	21	31	25	20	30	24	20	18	62	61