

TRIAD 5CCT

Flexdrive Technology Recessed Downlight

TBX-CCT-814


PHOTOMETRICS SHEET

PHOTOMETRICS

Nominal size	Model	Light output	Wattage / Voltage	Selectable color temperature	CRI
8"	TBX-CCT-814	1000 / 1700 / 2400 lm	12W / 20V / 30W	27K / 3K / 35K / 4K / 5K	90+

Photometric data based on 2700K and 30W setting.

FOOTCANDLE DIAGRAM

Mounting height (feet / meters)		Footcandles at Nadir	Diameter (feet / meters)
3.28' / 1m		1069	7.3' / 2.23m
6.56' / 2m		267.3	14.6' / 4.45m
9.84' / 3m		118.8	21.9' / 6.68m
13.12' / 4m		66.8	36.5' / 11.13m
16.4' / 5m		42.8	43.8' / 13.35m

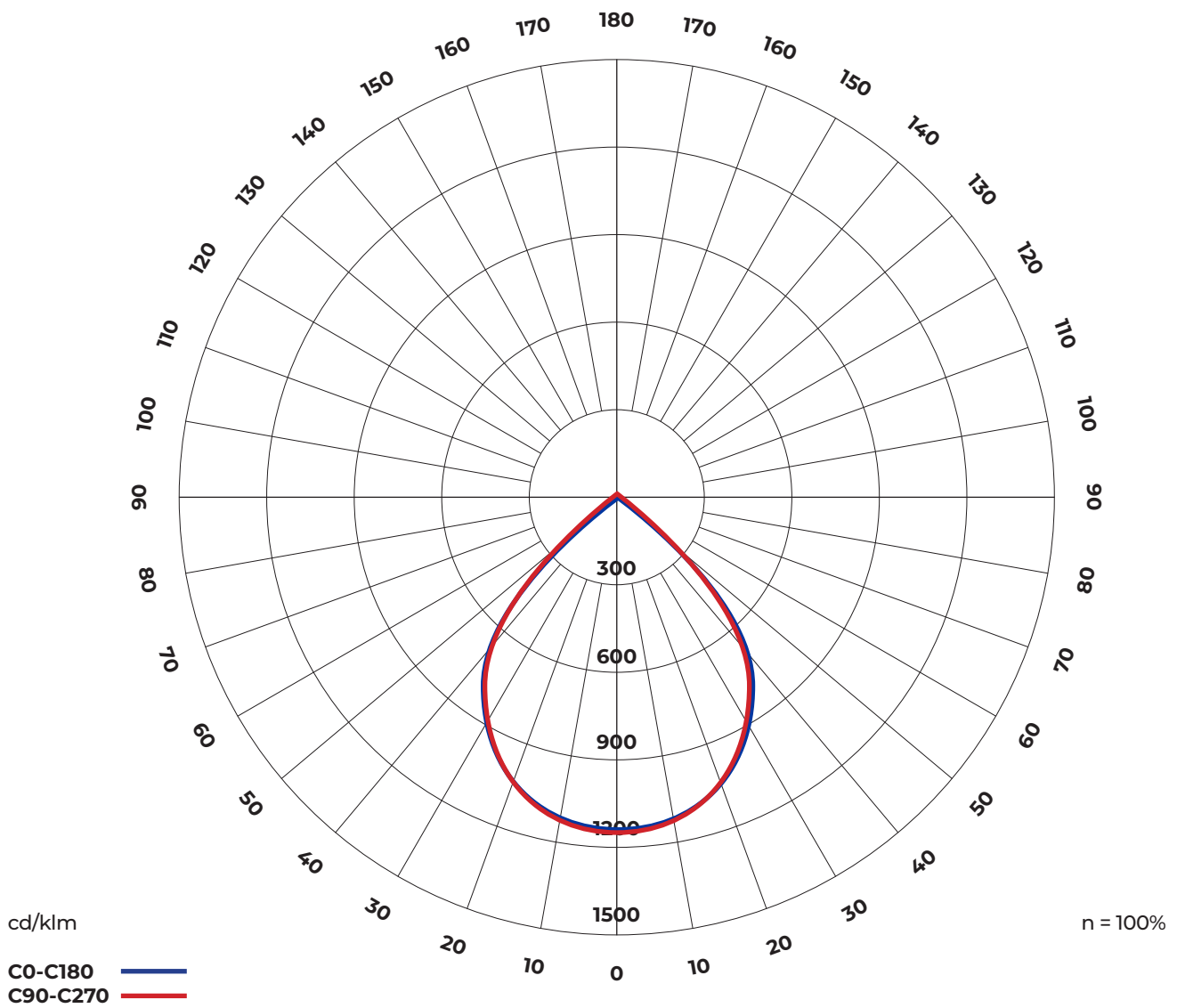
LUMINANCE LIMITING CURVE (cd/m²)

Degree	C0/180	C90/270
85	3323	3672
80	4631	5242
75	5581	6601
70	8282	9898
65	11842	13907
60	15708	18143
55	19751	22290
50	23580	25942
45	26819	28768

ZONAL LUMEN SUMMARY

Zone	Lumens	% of luminaire
0-30	804.9	55.3
0-40	1292	75.1
0-60	2086	89.3
0-90	2325	99.6
90-180	10	0.4

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	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF=0.2															
0	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	103	100	104	101	98	100	97	95	96	94	92	93	91	89	87
2	95	89	84	93	88	83	90	85	81	86	83	79	83	80	78	76
3	85	78	72	83	77	71	80	75	70	78	73	69	75	71	68	66
4	76	68	62	75	67	62	72	66	61	70	64	60	68	63	59	57
5	69	60	54	67	60	54	65	59	53	63	57	53	62	56	52	50
6	62	54	48	61	53	48	59	53	47	58	52	47	56	51	47	45
7	57	49	43	54	48	43	54	47	42	53	47	42	52	46	42	40
8	52	44	39	51	44	38	50	43	38	49	42	38	48	42	38	36
9	48	40	35	47	40	35	46	39	35	45	39	34	44	38	34	32
10	44	37	32	44	37	32	43	36	32	42	36	31	41	35	31	30