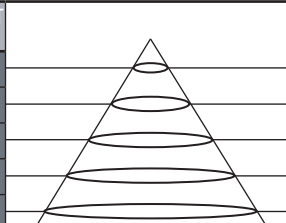


200 SERIES PINNACLE

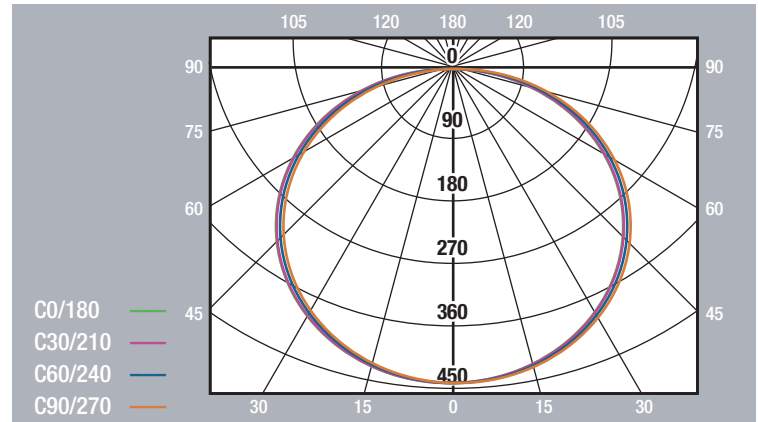
NOMINAL SIZE	MODEL	W / FT	W / M	REEL SIZE	MAX RUN	CRI	LIFETIME
12MM	TL200-RGB-24V	3.7W	12W	16.4FT / 5M	16.4FT / 5M / 60W	94+	50,000 HOURS

TL200 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
3.28' / 1M	443.9	10.82' / 3.3M
6.6' / 2M	111	21.32' / 6.5M
9.8' / 3M	49.3	31.15' / 9.8M
13.1' / 4M	27.7	42.97' / 13.1M
16.4' / 5M	17.7	53.48' / 16.3M



TL200 DISTRIBUTION CURVE (cd/klm)



TL200 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)	
	0 / 180	90 / 270
45	35976	37673
55	34766	37401
65	31894	36176
75	25936	33285
85	15522	0

TL200 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-30	349.7	26.3
0-40	578.1	43.5
0-50	819.9	61.7
0-60	1043	78.4
0-90	1329	100

TL200 COEFFICIENTS OF UTILIZATION

CEILING CAVITY REFLECTANCE	80			70			50			30			10			0
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
ROOM CAVITY RATIO (RCR)	RCR= ROOM CAVITY RATIO COEFFICIENT OF UTILIZATION(CU)															
0	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	100
1	104	100	96	102	98	94	97	94	91	93	91	88	90	88	86	84
2	90	83	78	88	82	77	85	79	75	82	77	73	78	75	71	69
3	79	71	64	77	70	64	74	68	62	72	66	61	69	64	60	58
4	70	61	54	69	60	54	66	59	53	64	57	52	61	56	52	49
5	62	53	46	61	53	46	59	51	46	57	50	45	55	49	45	42
6	56	47	40	55	46	40	53	46	40	51	45	39	50	44	39	37
7	51	42	36	50	41	35	48	41	35	47	40	35	45	39	35	33
8	46	38	32	45	37	32	44	37	31	43	36	31	42	36	31	29
9	42	34	29	42	34	28	41	33	28	39	33	28	38	32	28	26
10	39	31	26	38	31	26	37	30	25	37	30	25	36	30	25	23