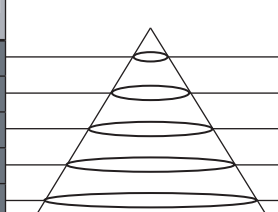


400 SERIES PINNACLE

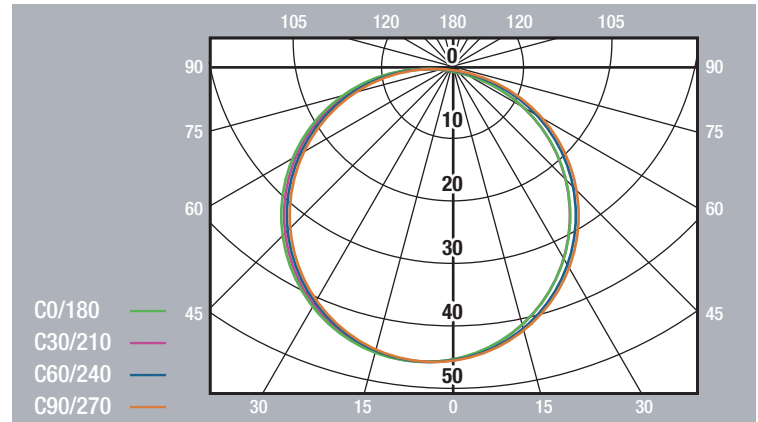
NOMINAL SIZE	MODEL	W / FT	W / M	REEL SIZE	MAX RUN	CRI	LIFETIME
16MM	TL400-120V-3K	4.5W	14.8W	100FT / 30.5M	100FT / 30.5M / 450W	90+	50,000 HOURS

TL400 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
3.28' / 1M	47.1	8.43' / 2.57M
6.6' / 2M	11.8	16.89' / 5.15M
9.8' / 3M	5.2	25.36' / 7.73M
13.1' / 4M	2.9	33.82' / 10.31M
16.4' / 5M	1.9	42.29' / 12.89M



TL400 DISTRIBUTION CURVE (cd/klm)



TL400 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)	
	0 / 180	90 / 270
45	4371	5545
55	3714	4945
65	3125	3938
75	3526	2614
85	6403	0

TL400 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-30	36.7	28.6
0-40	57.8	46.3
0-50	80.1	64.2
0-60	99.3	79.6
0-90	124.7	100

TL400 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
WALL REFLECTANCE	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	99	96	102	98	94	97	94	91	93	91	88	90	88	86	84
2	91	84	78	89	82	77	85	80	75	82	78	74	79	75	72	70
3	80	72	65	78	71	65	75	69	63	72	67	62	70	65	61	59
4	71	62	55	70	61	55	67	60	54	65	59	54	63	57	53	51
5	63	54	48	62	54	48	60	53	47	58	52	47	56	51	46	44
6	57	48	42	56	48	42	54	47	41	53	46	41	51	45	41	39
7	52	43	37	51	43	37	50	42	37	48	41	36	47	41	36	34
8	47	39	33	47	39	33	45	38	33	44	38	33	43	37	32	31
9	43	35	30	43	35	30	42	35	30	41	34	30	40	34	29	28
10	40	32	27	40	32	27	39	32	27	38	31	27	37	31	27	25