

Luminaire

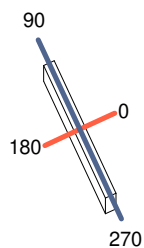
Code 90476L090
Name TTP 70 L0900 TOP 830 LO

Measurem.

Code 3/7/2023
Name TTP 70 L0900 TOP 830 LO

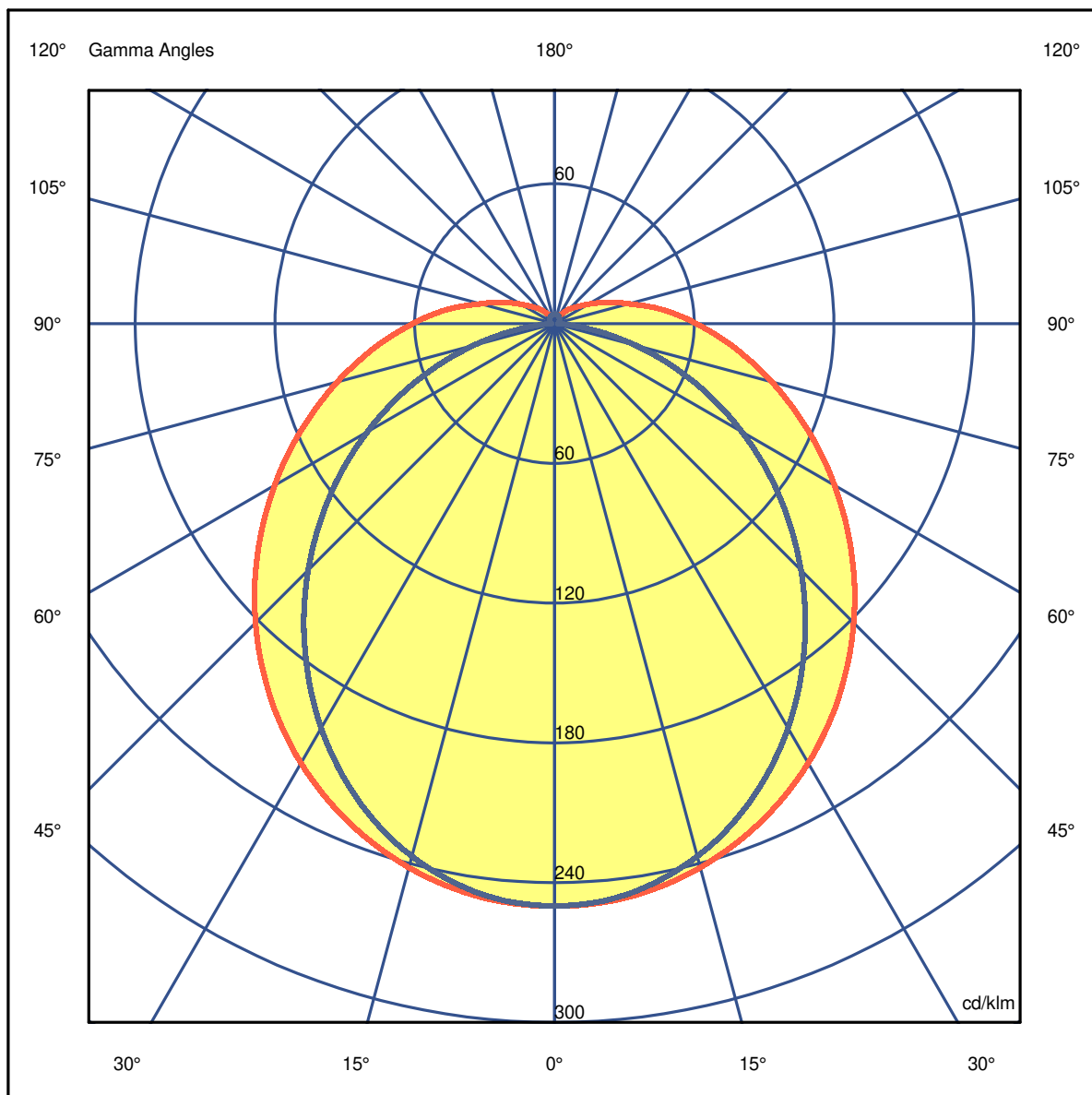
Luminaire Flux	2427 lm	Luminaire Power	16.5 W	Efficacy	147.063 lm/W	Efficiency	85.86%
Source Flux	2826 lm	Maximum value	250.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

900mm x 70mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



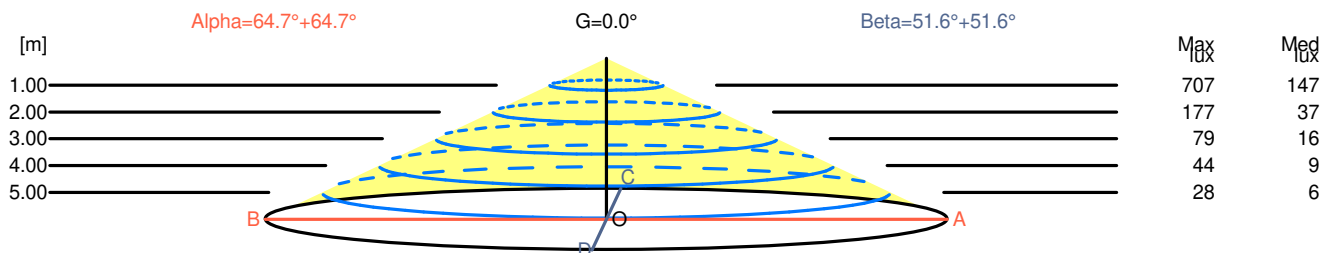
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Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	2.12	4.24	6.36	8.48	10.60	OC	1.26	2.52	3.79	5.05	6.31
OB	2.12	4.24	6.36	8.48	10.60	OD	1.26	2.52	3.79	5.05	6.31

	0	5	15	25	35	45	55	65	75	85
OA	706.78	704.52	683.04	642.35	584.70	513.20	433.23	351.27	272.99	202.91
OB	706.78	704.52	683.04	642.35	584.70	513.20	433.23	351.27	272.99	202.91
OC	706.78	702.54	668.91	606.46	521.40	422.77	317.08	207.99	101.45	17.24
OD	706.78	702.54	668.91	606.46	521.40	422.77	317.08	207.99	101.45	17.24



H[m]	D[m]	Max lux	Med lux	Alpha=64.7°+64.7°	G=0.0	
1.00	4.24	707	147			
2.00	8.48	177	37			
3.00	12.72	79	16			
4.00	16.96	44	9			
5.00	21.20	28	6			

H[m]	D[m]	Max lux	Med lux	Beta=51.6°+51.6°	G=0.0	
1.00	2.52	707	147			
2.00	5.05	177	37			
3.00	7.57	79	16			
4.00	10.10	44	9			
5.00	12.62	28	6			

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Source Flux	2826 lm	Maximum value	250.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	17.9	19.2	18.3	19.6	20.0	17.7	19.0	18.1	19.4	19.8
x=2H y=3H	19.6	20.8	20.1	21.2	21.7	19.0	20.2	19.5	20.6	21.1
x=2H y=4H	20.4	21.5	20.9	22.0	22.4	19.5	20.6	19.9	21.0	21.5
x=2H y=6H	21.2	22.2	21.7	22.7	23.2	19.7	20.8	20.2	21.2	21.7
x=2H y=8H	21.6	22.5	22.1	23.0	23.5	19.8	20.8	20.3	21.3	21.8
x=2H y=12H	21.9	22.8	22.4	23.3	23.8	19.8	20.7	20.3	21.2	21.7
x=4H y=2H	18.4	19.5	18.9	20.0	20.4	18.3	19.4	18.7	19.8	20.3
x=4H y=3H	20.4	21.3	20.9	21.8	22.3	19.8	20.7	20.3	21.2	21.7
x=4H y=4H	21.4	22.2	21.9	22.7	23.3	20.3	21.2	20.9	21.7	22.2
x=4H y=6H	22.3	23.1	22.9	23.6	24.2	20.7	21.5	21.3	22.0	22.6
x=4H y=8H	22.8	23.4	23.3	24.0	24.6	20.8	21.5	21.4	22.1	22.7
x=4H y=12H	23.2	23.8	23.8	24.4	25.0	20.9	21.5	21.4	22.1	22.7
x=8H y=4H	21.6	22.3	22.2	22.9	23.5	20.7	21.4	21.3	22.0	22.6
x=8H y=6H	22.8	23.4	23.4	23.9	24.6	21.3	21.9	21.9	22.4	23.1
x=8H y=8H	23.4	23.9	24.0	24.5	25.1	21.5	22.0	22.1	22.6	23.2
x=8H y=12H	23.9	24.4	24.6	25.0	25.7	21.6	22.0	22.2	22.6	23.3
x=12H y=4H	21.6	22.3	22.2	22.8	23.4	20.8	21.4	21.4	22.0	22.6
x=12H y=6H	22.8	23.4	23.5	23.9	24.6	21.4	22.0	22.0	22.5	23.2
x=12H y=8H	23.5	23.9	24.1	24.5	25.2	21.7	22.1	22.3	22.8	23.4

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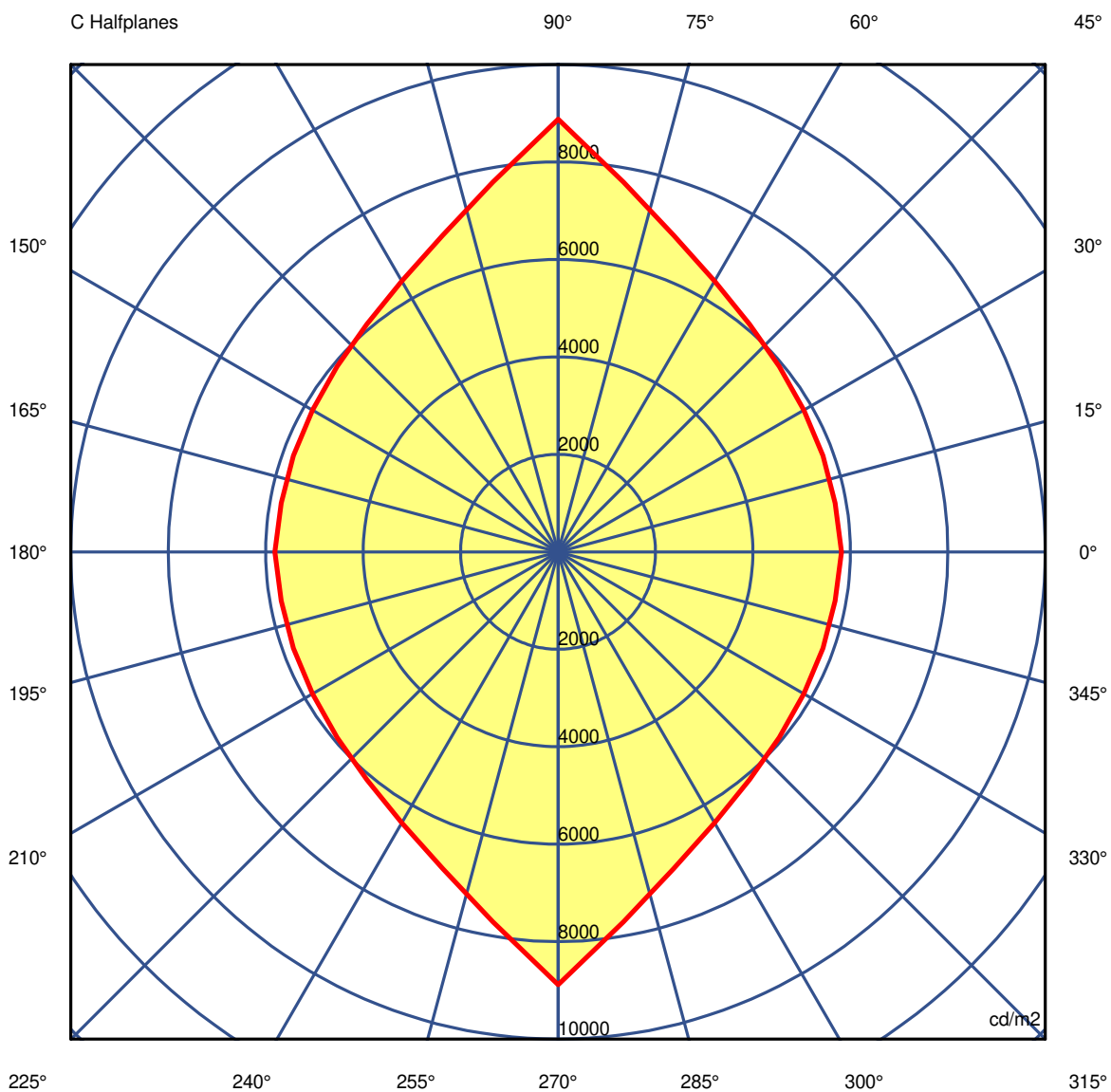
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Luminaire Flux	2427 lm	Luminaire Power	16.5 W	Efficacy	147.063 lm/W	Efficiency	85.86%
Source Flux	2826 lm	Maximum value	250.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

LuminaireCode 90476L090
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Luminaire Flux	2427 lm		Luminaire Power		16.5 W		Efficacy		147.063 lm/W		Efficiency		85.86%	
Source Flux	2826 lm		Maximum value		250.10 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2 Table 1/3														
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00	
G 0.0	11319	11319	11319	11319	11319	11319	11319	11319	11319	11319	11319	11319	11319	
G 5.0	10415	10404	10426	10478	10551	10646	10760	10898	11052	11217	11052	10898	10760	
G 10.0	9627	9615	9651	9734	9858	10017	10214	10456	10741	11061	10741	10456	10214	
G 15.0	8932	8923	8969	9065	9213	9414	9675	10001	10399	10862	10399	10001	9675	
G 20.0	8305	8298	8343	8441	8603	8831	9132	9527	10026	10625	10026	9527	9132	
G 25.0	7741	7723	7766	7866	8027	8261	8587	9029	9610	10338	9610	9029	8587	
G 30.0	7216	7191	7227	7318	7473	7709	8048	8521	9171	10024	9171	8521	8048	
G 35.0	6724	6693	6718	6794	6936	7163	7503	7998	8705	9663	8705	7998	7503	
G 40.0	6255	6222	6239	6299	6425	6633	6958	7463	8220	9290	8220	7463	6958	
G 45.0	5812	5774	5783	5825	5921	6104	6417	6920	7708	8879	7708	6920	6417	
G 50.0	5391	5345	5341	5365	5439	5592	5870	6351	7162	8441	7162	6351	5870	
G 55.0	4982	4938	4925	4928	4972	5091	5333	5778	6589	7961	6589	5778	5333	
G 60.0	4599	4548	4522	4505	4526	4602	4782	5173	5960	7395	5960	5173	4782	
G 65.0	4233	4178	4147	4114	4098	4126	4244	4542	5260	6747	5260	4542	4244	
G 70.0	3884	3831	3792	3742	3699	3679	3711	3880	4471	5933	4471	3880	3711	
G 75.0	3570	3513	3467	3399	3323	3255	3201	3205	3578	4856	3578	3205	3201	
G 80.0	3270	3216	3164	3081	2979	2861	2711	2534	2610	3445	2610	2534	2711	
G 85.0	3000	2936	2878	2787	2663	2499	2267	1936	1673	1670	1673	1936	2267	
G 90.0	2756	2697	2634	2530	2390	2199	1913	1468	1048	750	1048	1468	1913	

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Source Flux	2826 lm		Maximum value		250.10 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2														
Table 2/3														
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00	
G 0.0	11319	11319	11319	11319	11319	11319	11319	11319	11319	11319	11319	11319	11319	
G 5.0	10646	10551	10478	10426	10404	10415	10404	10426	10478	10551	10646	10760	10898	
G 10.0	10017	9858	9734	9651	9615	9627	9615	9651	9734	9858	10017	10214	10456	
G 15.0	9414	9213	9065	8969	8923	8932	8923	8969	9065	9213	9414	9675	10001	
G 20.0	8831	8603	8441	8343	8298	8305	8298	8343	8441	8603	8831	9132	9527	
G 25.0	8261	8027	7866	7766	7723	7741	7723	7766	7866	8027	8261	8587	9029	
G 30.0	7709	7473	7318	7227	7191	7216	7191	7227	7318	7473	7709	8048	8521	
G 35.0	7163	6936	6794	6718	6693	6724	6693	6718	6794	6936	7163	7503	7998	
G 40.0	6633	6425	6299	6239	6222	6255	6222	6239	6299	6425	6633	6958	7463	
G 45.0	6104	5921	5825	5783	5774	5812	5774	5783	5825	5921	6104	6417	6920	
G 50.0	5592	5439	5365	5341	5345	5391	5345	5341	5365	5439	5592	5870	6351	
G 55.0	5091	4972	4928	4925	4938	4982	4938	4925	4928	4972	5091	5333	5778	
G 60.0	4602	4526	4505	4522	4548	4599	4548	4522	4505	4526	4602	4782	5173	
G 65.0	4126	4098	4114	4147	4178	4233	4178	4147	4114	4098	4126	4244	4542	
G 70.0	3679	3699	3742	3792	3831	3884	3831	3792	3742	3699	3679	3711	3880	
G 75.0	3255	3323	3399	3467	3513	3570	3513	3467	3399	3323	3255	3201	3205	
G 80.0	2861	2979	3081	3164	3216	3270	3216	3164	3081	2979	2861	2711	2534	
G 85.0	2499	2663	2787	2878	2936	3000	2936	2878	2787	2663	2499	2267	1936	
G 90.0	2199	2390	2530	2634	2697	2756	2697	2634	2530	2390	2199	1913	1468	

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Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	11319	11319	11319	11319	11319	11319	11319	11319	11319	11319
G 5.0	11052	11217	11052	10898	10760	10646	10551	10478	10426	10404
G 10.0	10741	11061	10741	10456	10214	10017	9858	9734	9651	9615
G 15.0	10399	10862	10399	10001	9675	9414	9213	9065	8969	8923
G 20.0	10026	10625	10026	9527	9132	8831	8603	8441	8343	8298
G 25.0	9610	10338	9610	9029	8587	8261	8027	7866	7766	7723
G 30.0	9171	10024	9171	8521	8048	7709	7473	7318	7227	7191
G 35.0	8705	9663	8705	7998	7503	7163	6936	6794	6718	6693
G 40.0	8220	9290	8220	7463	6958	6633	6425	6299	6239	6222
G 45.0	7708	8879	7708	6920	6417	6104	5921	5825	5783	5774
G 50.0	7162	8441	7162	6351	5870	5592	5439	5365	5341	5345
G 55.0	6589	7961	6589	5778	5333	5091	4972	4928	4925	4938
G 60.0	5960	7395	5960	5173	4782	4602	4526	4505	4522	4548
G 65.0	5260	6747	5260	4542	4244	4126	4098	4114	4147	4178
G 70.0	4471	5933	4471	3880	3711	3679	3699	3742	3792	3831
G 75.0	3578	4856	3578	3205	3201	3255	3323	3399	3467	3513
G 80.0	2610	3445	2610	2534	2711	2861	2979	3081	3164	3216
G 85.0	1673	1670	1673	1936	2267	2499	2663	2787	2878	2936
G 90.0	1048	750	1048	1468	1913	2199	2390	2530	2634	2697