

Luminaire

Code 90476L120

Name TTP 70 L1310 TOP 840 LO SENSOR

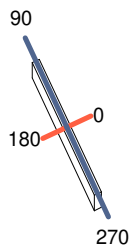
Measurem.

Code 3/7/2023

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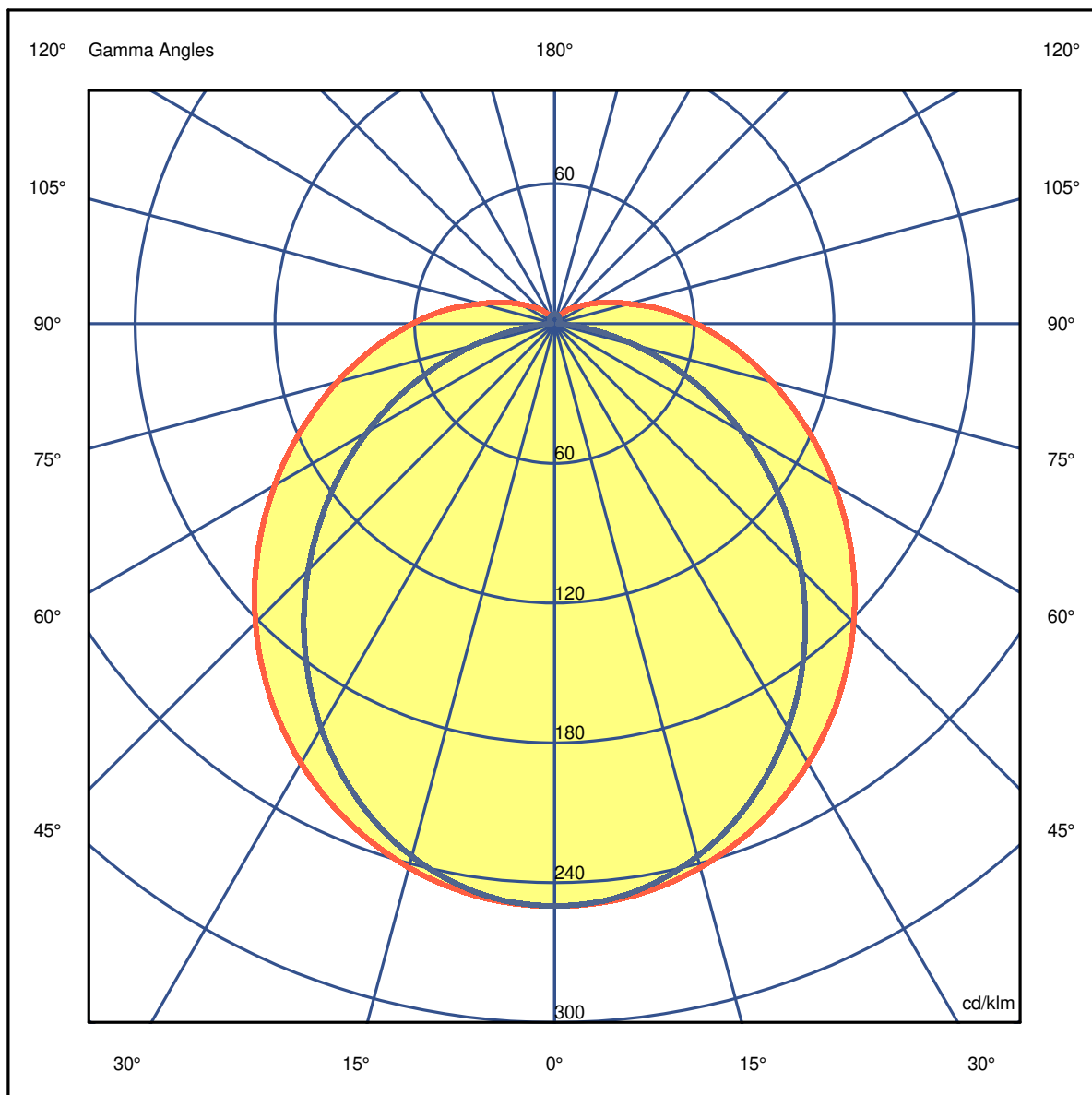
Luminaire Flux	3376 lm	Luminaire Power	21.4 W	Efficacy	157.693 lm/W	Efficiency	85.86%
Source Flux	3932 lm	Maximum value	250.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1310mm x 70mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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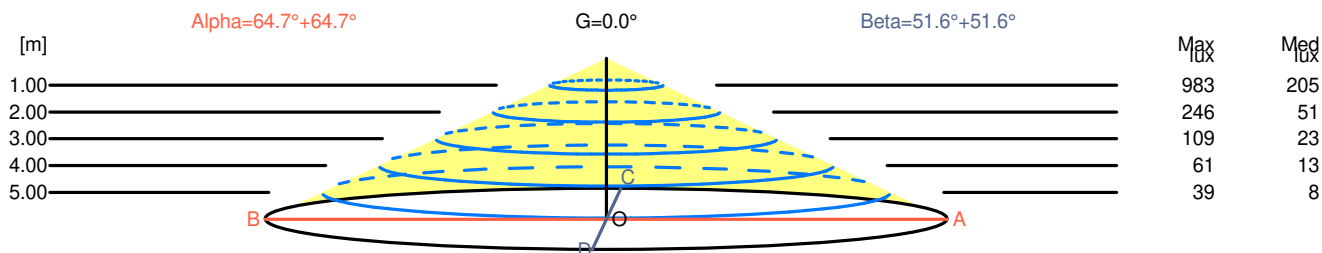
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Width at 50.00 % of Max Intensity

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	983.39	980.25	950.36	893.74	813.53	714.05	602.78	488.75	379.83	282.32
OB	983.39	980.25	950.36	893.74	813.53	714.05	602.78	488.75	379.83	282.32
OC	983.39	977.50	930.70	843.81	725.45	588.23	441.17	289.40	141.16	23.99
OD	983.39	977.50	930.70	843.81	725.45	588.23	441.17	289.40	141.16	23.99



H[m]	D[m]	Max lux	Med lux	Alpha=64.7°+64.7°	G=0.0
1.00	4.24	983	205		
2.00	8.48	246	51		
3.00	12.72	109	23		
4.00	16.96	61	13		
5.00	21.20	39	8		

H[m]	D[m]	Max lux	Med lux	Beta=51.6°+51.6°	G=0.0
1.00	2.52	983	205		
2.00	5.05	246	51		
3.00	7.57	109	23		
4.00	10.10	61	13		
5.00	12.62	39	8		

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Source Flux	3932 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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	17.7	19.0	18.2	19.4	19.8	17.6	18.9	18.1	19.3	19.7
x=2H y=3H	19.5	20.6	19.9	21.1	21.5	19.0	20.1	19.4	20.5	21.0
x=2H y=4H	20.3	21.4	20.7	21.8	22.3	19.4	20.5	19.9	20.9	21.4
x=2H y=6H	21.0	22.1	21.5	22.5	23.0	19.7	20.7	20.2	21.2	21.7
x=2H y=8H	21.4	22.4	21.9	22.9	23.4	19.8	20.7	20.3	21.2	21.7
x=2H y=12H	21.7	22.7	22.2	23.2	23.7	19.8	20.7	20.3	21.2	21.7
x=4H y=2H	18.3	19.4	18.8	19.8	20.3	18.2	19.3	18.7	19.7	20.2
x=4H y=3H	20.2	21.2	20.7	21.6	22.2	19.7	20.6	20.2	21.1	21.6
x=4H y=4H	21.2	22.1	21.7	22.6	23.1	20.3	21.1	20.8	21.6	22.2
x=4H y=6H	22.2	22.9	22.7	23.4	24.0	20.7	21.4	21.2	21.9	22.5
x=4H y=8H	22.6	23.3	23.2	23.8	24.4	20.8	21.5	21.3	22.0	22.6
x=4H y=12H	23.0	23.7	23.6	24.2	24.8	20.8	21.5	21.4	22.0	22.6
x=8H y=4H	21.5	22.2	22.0	22.7	23.3	20.6	21.3	21.2	21.9	22.5
x=8H y=6H	22.6	23.2	23.2	23.8	24.4	21.2	21.8	21.8	22.4	23.0
x=8H y=8H	23.2	23.7	23.8	24.3	25.0	21.4	21.9	22.0	22.5	23.2
x=8H y=12H	23.8	24.2	24.4	24.9	25.5	21.5	22.0	22.1	22.6	23.3
x=12H y=4H	21.5	22.1	22.1	22.7	23.3	20.7	21.3	21.3	21.9	22.5
x=12H y=6H	22.7	23.2	23.3	23.8	24.5	21.4	21.9	22.0	22.5	23.1
x=12H y=8H	23.3	23.8	24.0	24.4	25.1	21.6	22.1	22.2	22.7	23.4

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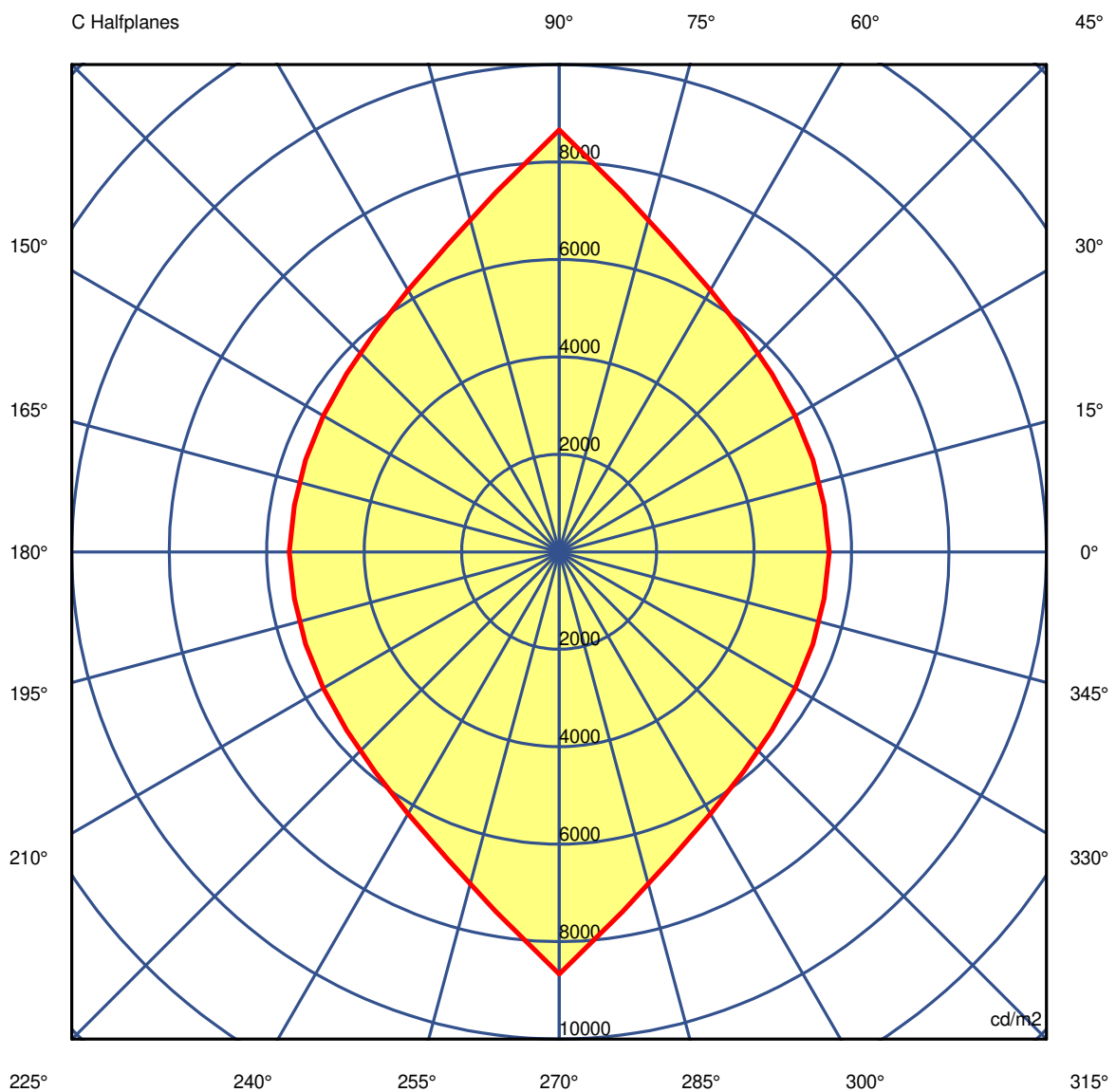
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Luminaire Flux	3376 lm	Luminaire Power	21.4 W	Efficacy	157.693 lm/W	Efficiency	85.86%
Source Flux	3932 lm	Maximum value	250.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	3932 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	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	
G 5.0	9928	9920	9946	9998	10071	10163	10275	10409	10557	10716	10557	10409	10275	
G 10.0	9176	9171	9211	9296	9420	9577	9770	10005	10280	10589	10280	10005	9770	
G 15.0	8514	8514	8564	8664	8813	9012	9268	9587	9973	10422	9973	9587	9268	
G 20.0	7917	7919	7971	8073	8237	8464	8762	9149	9635	10217	9635	9149	8762	
G 25.0	7379	7372	7423	7528	7693	7928	8251	8685	9254	9966	9254	8685	8251	
G 30.0	6879	6866	6911	7008	7168	7406	7744	8211	8851	9688	8851	8211	7744	
G 35.0	6409	6391	6427	6510	6659	6890	7229	7722	8420	9365	8420	7722	7229	
G 40.0	5962	5943	5971	6040	6173	6387	6714	7218	7970	9032	7970	7218	6714	
G 45.0	5540	5516	5536	5589	5694	5884	6202	6706	7493	8662	7493	6706	6202	
G 50.0	5139	5107	5115	5151	5235	5397	5682	6168	6982	8269	6982	6168	5682	
G 55.0	4749	4719	4719	4734	4790	4919	5171	5625	6445	7838	6445	5625	5171	
G 60.0	4384	4347	4335	4330	4364	4453	4645	5049	5854	7325	5854	5049	4645	
G 65.0	4035	3995	3977	3957	3955	3998	4131	4446	5190	6737	5190	4446	4131	
G 70.0	3703	3663	3638	3602	3574	3571	3620	3812	4438	5990	4438	3812	3620	
G 75.0	3403	3360	3327	3274	3215	3164	3131	3162	3578	4984	3578	3162	3131	
G 80.0	3117	3077	3038	2970	2886	2787	2660	2514	2638	3637	2638	2514	2660	
G 85.0	2859	2810	2766	2690	2584	2440	2233	1934	1718	1870	1718	1934	2233	
G 90.0	2627	2582	2533	2445	2323	2155	1894	1482	1106	1043	1106	1482	1894	

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Source Flux		3932 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	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790
G 5.0	10163	10071	9998	9946	9920	9928	9920	9946	9998	10071	10163	10275	10409	10543	10677	10811	10945	11079	11213	11347	11481	11615	11749	11883	12017
G 10.0	9577	9420	9296	9211	9171	9176	9171	9211	9296	9420	9577	9770	10005	10239	10474	10708	10943	11177	11412	11646	11881	12115	12350	12584	12818
G 15.0	9012	8813	8664	8564	8514	8514	8514	8564	8664	8813	9012	9268	9587	9906	10225	10544	10863	11182	11501	11820	12139	12458	12777	13096	13415
G 20.0	8464	8237	8073	7971	7919	7917	7919	7971	8073	8237	8464	8762	9149	9536	9923	10310	10697	11084	11471	11858	12245	12632	13019	13406	13793
G 25.0	7928	7693	7528	7423	7372	7379	7372	7423	7528	7693	7928	8251	8685	9018	9351	9684	10017	10350	10683	11016	11349	11682	12015	12348	12681
G 30.0	7406	7168	7008	6911	6866	6879	6866	6911	7008	7168	7406	7744	8211	8548	8885	9222	9559	9896	10233	10570	10907	11244	11581	11918	12255
G 35.0	6890	6659	6510	6427	6391	6409	6391	6427	6510	6659	6890	7229	7722	8059	8396	8733	9070	9407	9744	10081	10418	10755	11092	11429	11766
G 40.0	6387	6173	6040	5971	5943	5962	5943	5971	6040	6173	6387	6714	7218	7555	7892	8229	8566	8903	9240	9577	9914	10251	10588	10925	11262
G 45.0	5884	5694	5589	5536	5516	5540	5516	5536	5589	5694	5884	6202	6706	7043	7380	7717	8054	8391	8728	9065	9402	9739	10076	10413	10750
G 50.0	5397	5235	5151	5115	5107	5139	5107	5115	5151	5235	5397	5682	6168	6505	6842	7179	7516	7853	8190	8527	8864	9201	9538	9875	10212
G 55.0	4919	4790	4734	4719	4719	4749	4719	4719	4734	4790	4919	5171	5625	5962	6300	6637	6974	7311	7648	7985	8322	8659	8996	9333	9670
G 60.0	4453	4364	4330	4335	4347	4384	4347	4335	4330	4364	4453	4645	5049	5386	5723	6060	6397	6734	7071	7408	7745	8082	8419	8756	9093
G 65.0	3998	3955	3957	3977	3995	4035	3995	3977	3957	3955	3998	4131	4446	4761	5076	5391	5706	6021	6336	6651	6966	7281	7596	7911	8226
G 70.0	3571	3574	3602	3638	3663	3703	3663	3638	3602	3574	3571	3620	3812	4127	4442	4757	5072	5387	5702	6017	6332	6647	6962	7277	7592
G 75.0	3164	3215	3274	3327	3360	3403	3360	3327	3274	3215	3164	3131	3162	3354	3669	3984	4299	4614	4929	5244	5559	5874	6189	6504	6819
G 80.0	2787	2886	2970	3038	3077	3117	3077	3038	2970	2886	2787	2660	2514	2545	2737	3052	3367	3682	3997	4312	4627	4942	5257	5572	5887
G 85.0	2440	2584	2690	2766	2810	2859	2810	2766	2690	2584	2440	2233	1934	1965	2157	2472	2787	3102	3417	3732	4047	4362	4677	4992	5307
G 90.0	2155	2323	2445	2533	2582	2627	2582	2533	2445	2323	2155	1894	1482	1513	1705	2020	2335	2650	2965	3280	3595	3910	4225	4540	4855

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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	10790	10790	10790	10790	10790	10790	10790	10790	10790	10790
G 5.0	10557	10716	10557	10409	10275	10163	10071	9998	9946	9920
G 10.0	10280	10589	10280	10005	9770	9577	9420	9296	9211	9171
G 15.0	9973	10422	9973	9587	9268	9012	8813	8664	8564	8514
G 20.0	9635	10217	9635	9149	8762	8464	8237	8073	7971	7919
G 25.0	9254	9966	9254	8685	8251	7928	7693	7528	7423	7372
G 30.0	8851	9688	8851	8211	7744	7406	7168	7008	6911	6866
G 35.0	8420	9365	8420	7722	7229	6890	6659	6510	6427	6391
G 40.0	7970	9032	7970	7218	6714	6387	6173	6040	5971	5943
G 45.0	7493	8662	7493	6706	6202	5884	5694	5589	5536	5516
G 50.0	6982	8269	6982	6168	5682	5397	5235	5151	5115	5107
G 55.0	6445	7838	6445	5625	5171	4919	4790	4734	4719	4719
G 60.0	5854	7325	5854	5049	4645	4453	4364	4330	4335	4347
G 65.0	5190	6737	5190	4446	4131	3998	3955	3957	3977	3995
G 70.0	4438	5990	4438	3812	3620	3571	3574	3602	3638	3663
G 75.0	3578	4984	3578	3162	3131	3164	3215	3274	3327	3360
G 80.0	2638	3637	2638	2514	2660	2787	2886	2970	3038	3077
G 85.0	1718	1870	1718	1934	2233	2440	2584	2690	2766	2810
G 90.0	1106	1043	1106	1482	1894	2155	2323	2445	2533	2582