

**Luminaire**

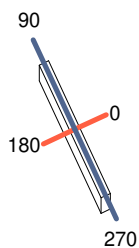
Code 90513L150-58  
Name TTP 100 LINE L1500 TOP 840 SRT/MID MO

**Measurem.**

Code 3/7/2023  
Name TTP 100 LINE L1500 TOP 840 SRT/MID MO

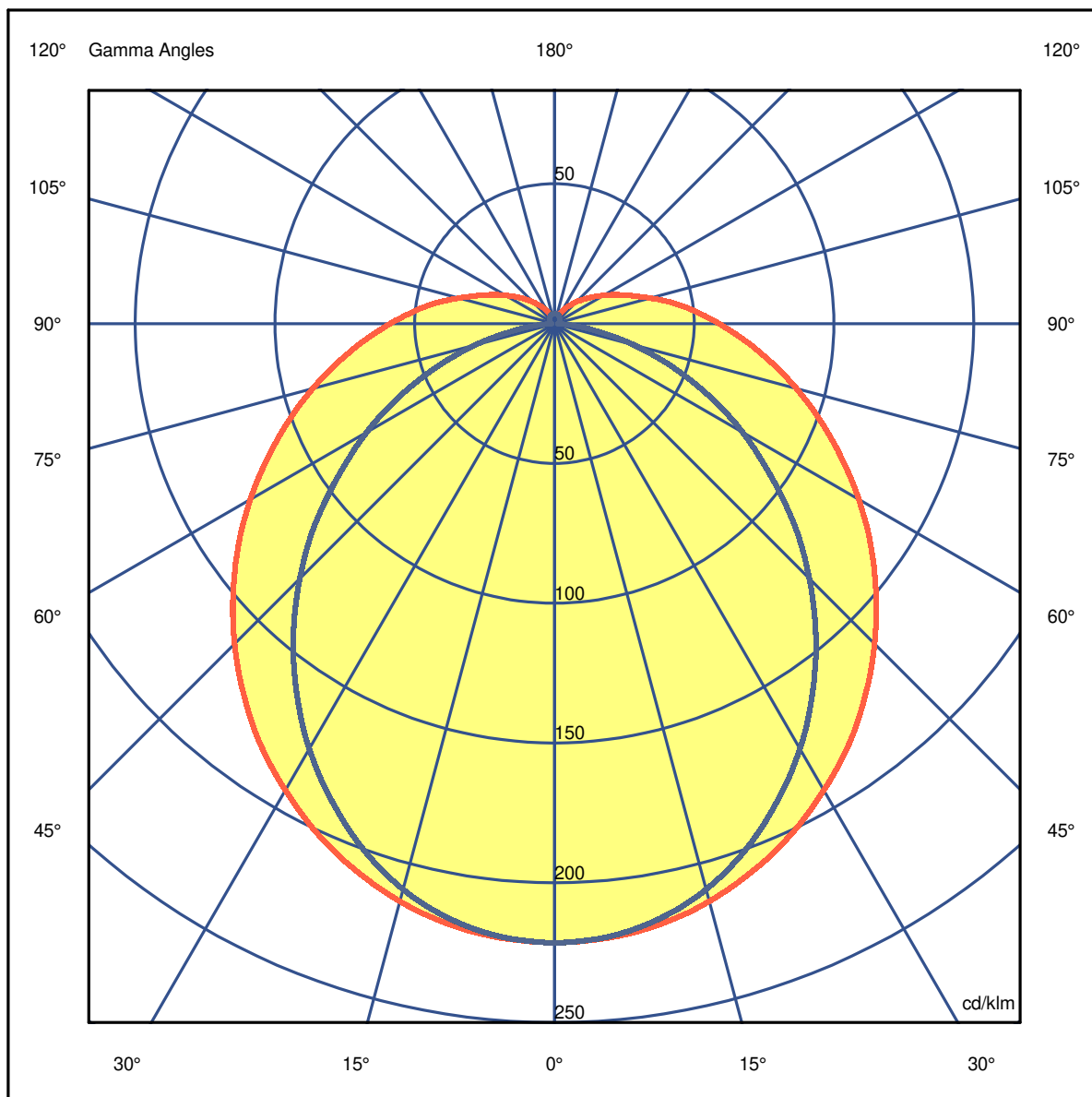
Luminaire Flux	11371 lm	Luminaire Power	76.2 W	Efficacy	149.243 lm/W	Efficiency	77.88%
Source Flux	14600 lm	Maximum value	221.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1500mm x 105mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0



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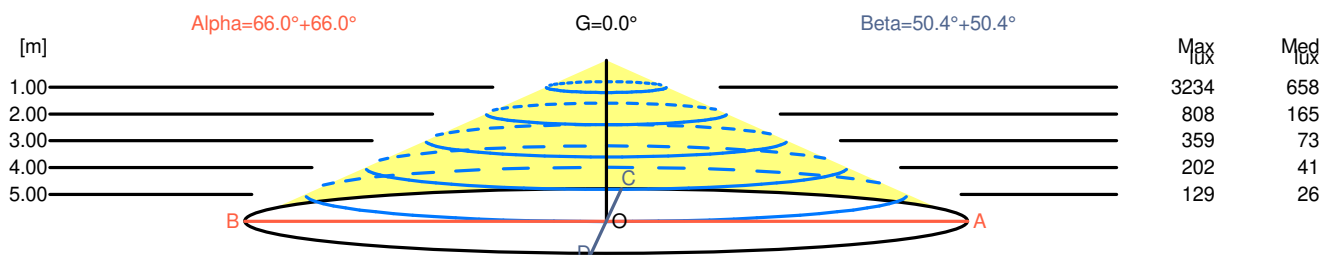
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Luminaire Flux	11371 lm	Luminaire Power	76.2 W	Efficacy	149.243 lm/W	Efficiency	77.88%
Source Flux	14600 lm	Maximum value	221.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	2.25	4.49	6.74	8.99	11.23	OC	1.21	2.42	3.62	4.83	6.04
OB	2.25	4.49	6.74	8.99	11.23	OD	1.21	2.42	3.62	4.83	6.04

	0	5	15	25	35	45	55	65	75	85
OA	3233.90	3219.30	3122.94	2936.06	2680.56	2363.74	2016.26	1652.72	1308.16	995.72
OB	3233.90	3219.30	3122.94	2936.06	2680.56	2363.74	2016.26	1652.72	1308.16	995.72
OC	3233.90	3213.46	3058.70	2752.10	2350.60	1881.94	1373.86	889.14	426.32	78.84
OD	3233.90	3213.46	3058.70	2752.10	2350.60	1881.94	1373.86	889.14	426.32	78.84



H[m]	D[m]	Max lux	Med lux	Alpha=66.0°+66.0°	G=0.0
1.00	4.49	3234	658		
2.00	8.99	808	165		
3.00	13.48	359	73		
4.00	17.97	202	41		
5.00	22.46	129	26		

H[m]	D[m]	Max lux	Med lux	Beta=50.4°+50.4°	G=0.0
1.00	2.42	3234	658		
2.00	4.83	808	165		
3.00	7.25	359	73		
4.00	9.66	202	41		
5.00	12.08	129	26		

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Luminaire Flux	11371 lm	Luminaire Power	76.2 W	Efficacy	149.243 lm/W	Efficiency	77.88%
Source Flux	14600 lm	Maximum value	221.50 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	20.1	21.3	20.5	21.7	22.2	19.6	20.8	20.0	21.3	21.7
x=2H y=3H	21.8	23.0	22.3	23.4	23.9	20.8	22.0	21.3	22.4	22.9
x=2H y=4H	22.7	23.8	23.2	24.2	24.8	21.3	22.3	21.8	22.8	23.3
x=2H y=6H	23.5	24.5	24.0	25.0	25.5	21.5	22.6	22.1	23.0	23.6
x=2H y=8H	23.9	24.8	24.4	25.3	25.9	21.6	22.6	22.1	23.1	23.6
x=2H y=12H	24.2	25.1	24.8	25.7	26.2	21.6	22.5	22.1	23.0	23.6
x=4H y=2H	20.6	21.6	21.1	22.1	22.6	20.2	21.3	20.7	21.7	22.3
x=4H y=3H	22.6	23.5	23.1	24.0	24.6	21.6	22.6	22.2	23.1	23.6
x=4H y=4H	23.6	24.4	24.2	25.0	25.6	22.2	23.0	22.8	23.6	24.2
x=4H y=6H	24.6	25.3	25.2	25.9	26.5	22.6	23.3	23.2	23.9	24.5
x=4H y=8H	25.1	25.7	25.7	26.3	27.0	22.7	23.4	23.3	24.0	24.6
x=4H y=12H	25.5	26.1	26.1	26.7	27.4	22.8	23.4	23.4	24.0	24.6
x=8H y=4H	23.9	24.5	24.5	25.1	25.8	22.6	23.3	23.2	23.9	24.5
x=8H y=6H	25.1	25.6	25.7	26.2	26.9	23.2	23.8	23.9	24.4	25.1
x=8H y=8H	25.7	26.2	26.3	26.8	27.5	23.5	24.0	24.1	24.6	25.3
x=8H y=12H	26.3	26.7	26.9	27.4	28.1	23.6	24.0	24.2	24.7	25.4
x=12H y=4H	23.9	24.5	24.5	25.1	25.7	22.7	23.3	23.3	23.9	24.6
x=12H y=6H	25.1	25.7	25.8	26.3	27.0	23.4	23.9	24.1	24.6	25.3
x=12H y=8H	25.8	26.3	26.5	26.9	27.6	23.7	24.2	24.4	24.8	25.5

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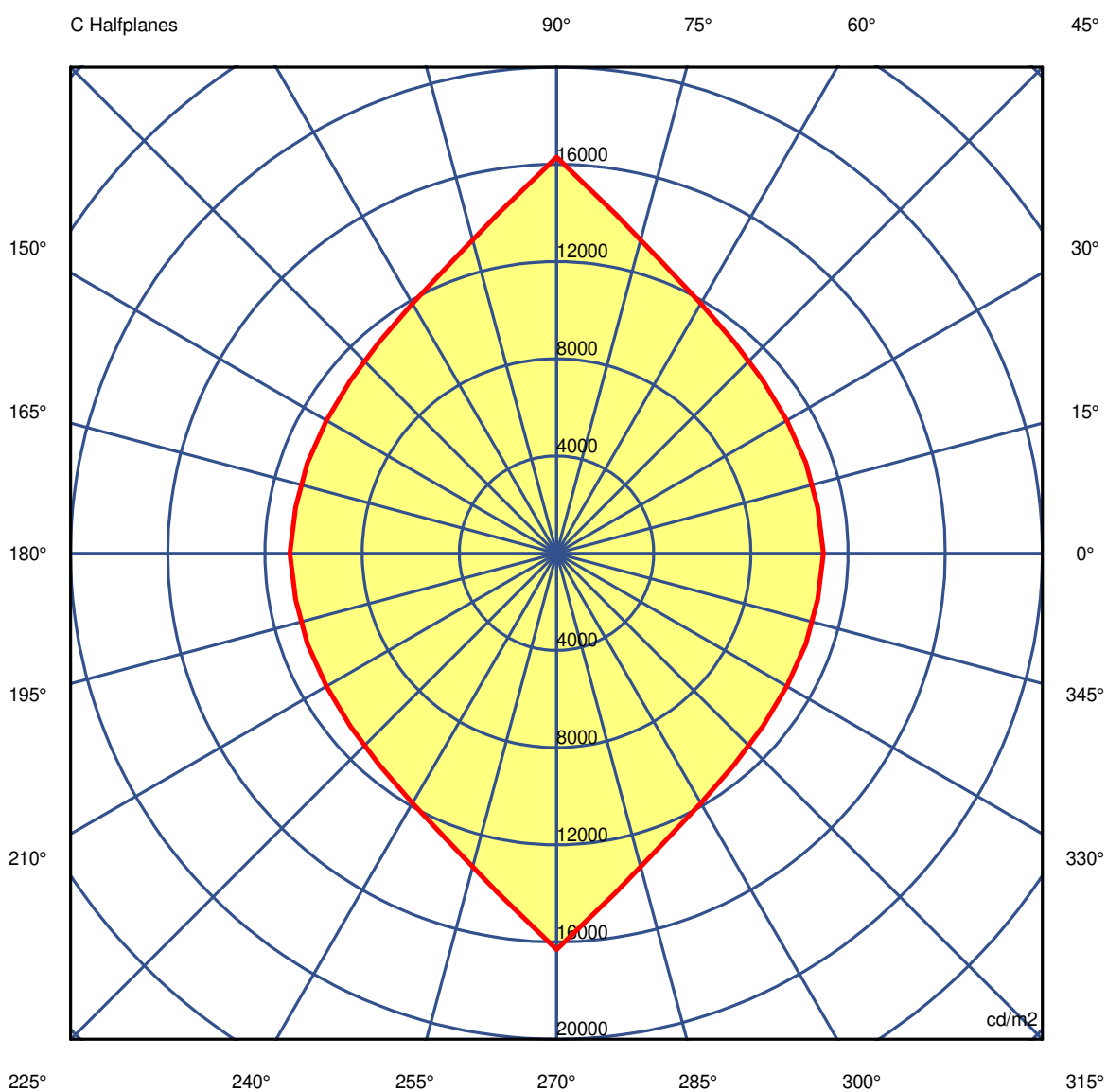
**Measurement**

Code 3/7/2023

Name TTP 100 LINE L1500 TOP 840 SRT/MID MO

Luminaire Flux	11371 lm	Luminaire Power	76.2 W	Efficacy	149.243 lm/W	Efficiency	77.88%
Source Flux	14600 lm	Maximum value	221.50 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux	11371 lm	Luminaire Power		76.2 W		Efficacy		149.243 lm/W		Efficiency		77.88%	
Source Flux	14600 lm	Maximum value		221.50 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	21241	21241	21241	21241	21241	21241	21241	21241	21241	21241	21241	21241	21241
G 5.0	19518	19528	19585	19682	19807	19982	20202	20442	20725	21054	20725	20442	20202
G 10.0	18054	18051	18125	18272	18497	18797	19170	19615	20153	20777	20153	19615	19170
G 15.0	16748	16747	16830	16997	17267	17647	18134	18733	19487	20403	19487	18733	18134
G 20.0	15570	15563	15649	15825	16121	16541	17101	17834	18766	19896	18766	17834	17101
G 25.0	14511	14494	14576	14746	15027	15453	16059	16875	17947	19293	17947	16875	16059
G 30.0	13528	13506	13577	13724	13980	14391	15002	15864	17068	18664	17068	15864	15002
G 35.0	12642	12592	12631	12741	12967	13354	13957	14846	16144	17938	16144	14846	13957
G 40.0	11782	11730	11749	11820	11995	12336	12908	13799	15172	17159	15172	13799	12908
G 45.0	10978	10916	10912	10943	11079	11363	11872	12736	14151	16301	14151	12736	11872
G 50.0	10217	10143	10119	10115	10187	10406	10850	11642	13064	15395	13064	11642	10850
G 55.0	9509	9417	9368	9329	9355	9495	9835	10540	11902	14258	11902	10540	9835
G 60.0	8824	8734	8667	8584	8549	8610	8848	9430	10736	13241	10736	9430	8848
G 65.0	8168	8074	8003	7902	7810	7785	7897	8294	9438	11961	9438	8294	7897
G 70.0	7572	7467	7382	7254	7113	7019	7004	7142	8000	10406	8000	7142	7004
G 75.0	7015	6918	6823	6668	6497	6333	6167	6037	6513	8517	6513	6037	6167
G 80.0	6498	6391	6291	6130	5934	5702	5389	4976	4944	6107	4944	4976	5389
G 85.0	6037	5931	5831	5661	5431	5133	4708	4071	3508	3251	3508	4071	4708
G 90.0	5648	5546	5438	5251	5004	4683	4192	3376	2529	1457	2529	3376	4192

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Source Flux	14600 lm		Maximum value		221.50 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	21241	21241	21241	21241	21241	21241	21241	21241	21241	21241	21241	21241	21241	21241	21241
G 5.0	19982	19807	19682	19585	19528	19518	19528	19585	19682	19807	19982	20202	20442	20682	20922
G 10.0	18797	18497	18272	18125	18051	18054	18051	18125	18272	18497	18797	19170	19615	20059	20504
G 15.0	17647	17267	16997	16830	16747	16748	16747	16830	16997	17267	17647	18134	18733	19332	19931
G 20.0	16541	16121	15825	15649	15563	15570	15563	15649	15825	16121	16541	17101	17834	18567	19300
G 25.0	15453	15027	14746	14576	14494	14511	14494	14576	14746	15027	15453	16059	16875	17701	18527
G 30.0	14391	13980	13724	13577	13506	13528	13506	13577	13724	13980	14391	15002	15864	16726	17588
G 35.0	13354	12967	12741	12631	12592	12642	12592	12631	12741	12967	13354	13957	14846	15735	16624
G 40.0	12336	11995	11820	11749	11730	11782	11730	11749	11820	11995	12336	12908	13799	14690	15581
G 45.0	11363	11079	10943	10912	10916	10978	10916	10912	10943	11079	11363	11872	12736	13600	14464
G 50.0	10406	10187	10115	10119	10143	10217	10143	10119	10115	10187	10406	10850	11642	12434	13226
G 55.0	9495	9355	9329	9368	9417	9509	9417	9368	9329	9355	9495	9835	10540	11245	11950
G 60.0	8610	8549	8584	8667	8734	8824	8734	8667	8584	8549	8610	8848	9430	10012	10594
G 65.0	7785	7810	7902	8003	8074	8168	8074	8003	7902	7810	7785	7897	8294	8791	9288
G 70.0	7019	7113	7254	7382	7467	7572	7467	7382	7254	7113	7019	7004	7142	7381	7620
G 75.0	6333	6497	6668	6823	6918	7015	6918	6823	6668	6497	6333	6167	6037	6376	6715
G 80.0	5702	5934	6130	6291	6391	6498	6391	6291	6130	5934	5702	5389	4976	4563	4150
G 85.0	5133	5431	5661	5831	5931	6037	5931	5831	5661	5431	5133	4708	4071	3634	3197
G 90.0	4683	5004	5251	5438	5546	5648	5546	5438	5251	5004	4683	4192	3376	2560	1744

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Source Flux	14600 lm	Maximum value	221.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

**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	21241	21241	21241	21241	21241	21241	21241	21241	21241	21241
G 5.0	20725	21054	20725	20442	20202	19982	19807	19682	19585	19528
G 10.0	20153	20777	20153	19615	19170	18797	18497	18272	18125	18051
G 15.0	19487	20403	19487	18733	18134	17647	17267	16997	16830	16747
G 20.0	18766	19896	18766	17834	17101	16541	16121	15825	15649	15563
G 25.0	17947	19293	17947	16875	16059	15453	15027	14746	14576	14494
G 30.0	17068	18664	17068	15864	15002	14391	13980	13724	13577	13506
G 35.0	16144	17938	16144	14846	13957	13354	12967	12741	12631	12592
G 40.0	15172	17159	15172	13799	12908	12336	11995	11820	11749	11730
G 45.0	14151	16301	14151	12736	11872	11363	11079	10943	10912	10916
G 50.0	13064	15395	13064	11642	10850	10406	10187	10115	10119	10143
G 55.0	11902	14258	11902	10540	9835	9495	9355	9329	9368	9417
G 60.0	10736	13241	10736	9430	8848	8610	8549	8584	8667	8734
G 65.0	9438	11961	9438	8294	7897	7785	7810	7902	8003	8074
G 70.0	8000	10406	8000	7142	7004	7019	7113	7254	7382	7467
G 75.0	6513	8517	6513	6037	6167	6333	6497	6668	6823	6918
G 80.0	4944	6107	4944	4976	5389	5702	5934	6130	6291	6391
G 85.0	3508	3251	3508	4071	4708	5133	5431	5661	5831	5931
G 90.0	2529	1457	2529	3376	4192	4683	5004	5251	5438	5546