

Luminaire

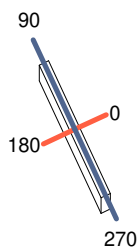
Code 90514L150-50
Name TTP 100 LINE L1500 TUP 840 END MO

Measurem.

Code 3/7/2023
Name TTP 100 LINE L1500 TUP 840 END MO

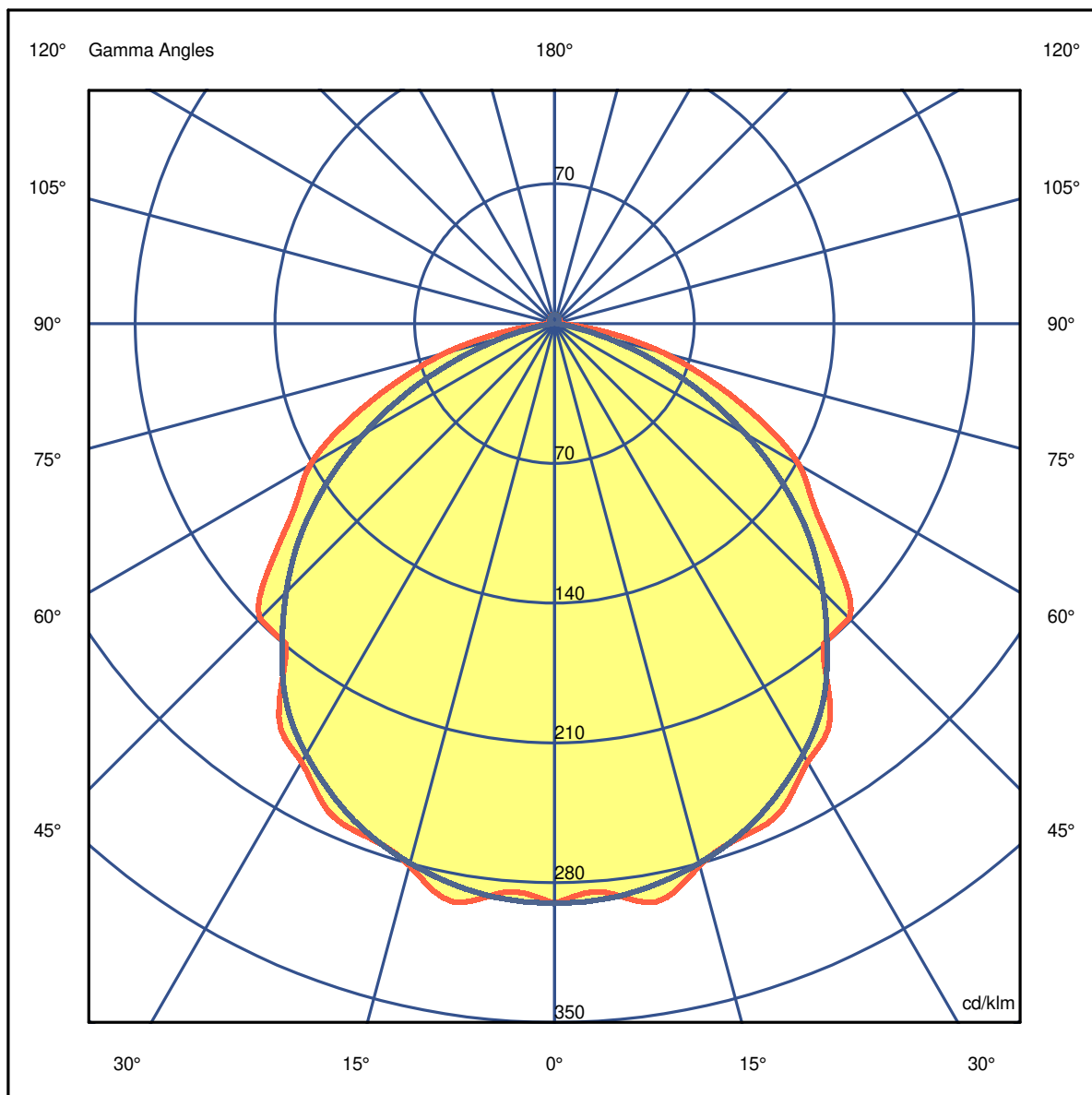
Luminaire Flux	12549 lm	Luminaire Power	76.2 W	Efficacy	164.700 lm/W	Efficiency	85.95%
Source Flux	14600 lm	Maximum value	294.00 cd/klm	Position	C=0.00 G=10.00	CG	Double Symmetrical

1500mm x 105mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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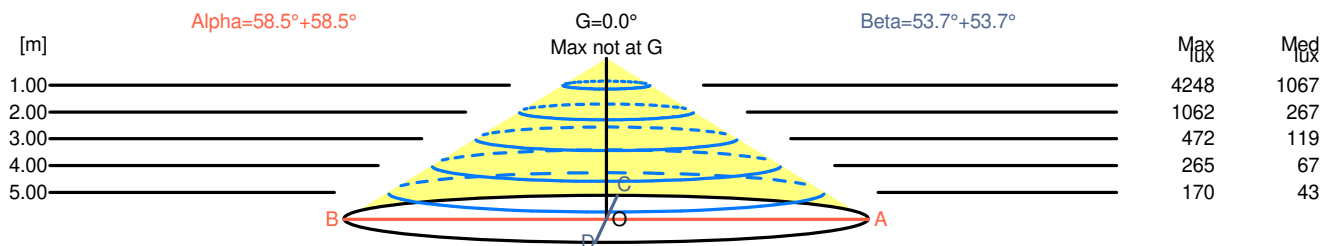
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Luminaire Flux	12549 lm	Luminaire Power	76.2 W	Efficacy	164.700 lm/W	Efficiency	85.95%
Source Flux	14600 lm	Maximum value	294.00 cd/klm	Position	C=0.00 G=10.00	CG	Double Symmetrical

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	1.63	3.26	4.89	6.52	8.15	OC	1.36	2.72	4.08	5.44	6.80
OB	1.63	3.26	4.89	6.52	8.15	OD	1.36	2.72	4.08	5.44	6.80

	0	5	15	25	35	45	55	65	75	85
OA	4239.84	4172.68	4101.14	3927.40	3514.22	3047.02	2314.10	1649.80	821.98	131.40
OB	4239.84	4172.68	4101.14	3927.40	3514.22	3047.02	2314.10	1649.80	821.98	131.40
OC	4239.84	4222.32	4083.62	3819.36	3412.02	2775.46	2036.70	1176.76	379.60	24.82
OD	4239.84	4222.32	4083.62	3819.36	3412.02	2775.46	2036.70	1176.76	379.60	24.82



H[m]	D[m]	Max lux	Med lux	Alpha=58.5°+58.5°	G=0.0 Max not at G
1.00	3.26	4248	1067		
2.00	6.52	1062	267		
3.00	9.78	472	119		
4.00	13.04	265	67		
5.00	16.30	170	43		

H[m]	D[m]	Max lux	Med lux	Beta=53.7°+53.7°	G=0.0 Max not at G
1.00	2.72	4248	1067		
2.00	5.44	1062	267		
3.00	8.16	472	119		
4.00	10.88	265	67		
5.00	13.60	170	43		

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Luminaire Flux	12549 lm	Luminaire Power	76.2 W	Efficacy	164.700 lm/W	Efficiency	85.95%
Source Flux	14600 lm	Maximum value	294.00 cd/klm	Position	C=0.00 G=10.00	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	21.2	22.4	21.5	22.7	23.0	22.1	23.3	22.4	23.6	23.9
x=2H y=3H	22.3	23.4	22.6	23.7	24.1	23.1	24.2	23.4	24.5	24.9
x=2H y=4H	22.6	23.7	23.0	24.0	24.3	23.3	24.4	23.7	24.8	25.1
x=2H y=6H	22.7	23.7	23.1	24.1	24.4	23.4	24.4	23.8	24.8	25.1
x=2H y=8H	22.7	23.7	23.1	24.0	24.4	23.4	24.3	23.8	24.7	25.1
x=2H y=12H	22.7	23.6	23.1	24.0	24.4	23.4	24.3	23.8	24.6	25.0
x=4H y=2H	21.7	22.8	22.1	23.2	23.5	22.5	23.6	22.9	23.9	24.2
x=4H y=3H	23.0	23.9	23.4	24.3	24.7	23.7	24.6	24.1	24.9	25.3
x=4H y=4H	23.4	24.2	23.8	24.6	25.0	24.0	24.8	24.4	25.2	25.6
x=4H y=6H	23.6	24.3	24.1	24.7	25.2	24.1	24.8	24.6	25.3	25.7
x=4H y=8H	23.6	24.3	24.1	24.7	25.2	24.1	24.8	24.6	25.2	25.7
x=4H y=12H	23.6	24.2	24.1	24.6	25.1	24.1	24.7	24.6	25.2	25.6
x=8H y=4H	23.6	24.2	24.0	24.7	25.1	24.1	24.8	24.6	25.2	25.7
x=8H y=6H	23.8	24.4	24.3	24.8	25.3	24.3	24.8	24.8	25.3	25.8
x=8H y=8H	23.9	24.3	24.4	24.8	25.4	24.3	24.8	24.9	25.3	25.8
x=8H y=12H	23.9	24.3	24.4	24.8	25.3	24.3	24.7	24.9	25.2	25.8
x=12H y=4H	23.6	24.1	24.0	24.6	25.1	24.1	24.7	24.6	25.1	25.6
x=12H y=6H	23.9	24.3	24.4	24.8	25.3	24.3	24.8	24.8	25.3	25.8
x=12H y=8H	23.9	24.3	24.4	24.8	25.4	24.4	24.8	24.9	25.3	25.8

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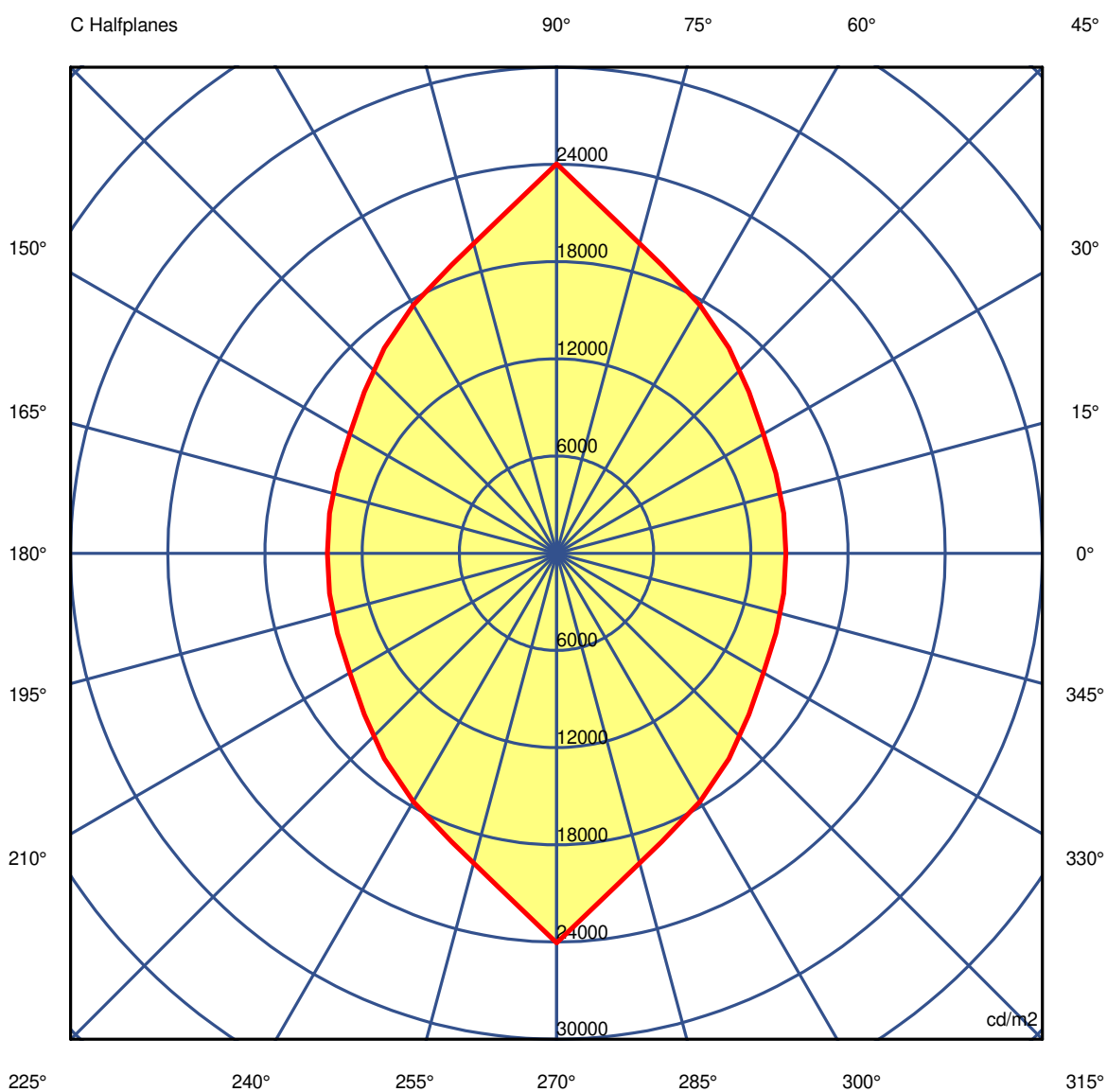
Measurement

Code 3/7/2023

Name TTP 100 LINE L1500 TUP 840 END MO

Luminaire Flux	12549 lm	Luminaire Power	76.2 W	Efficacy	164.700 lm/W	Efficiency	85.95%
Source Flux	14600 lm	Maximum value	294.00 cd/klm	Position	C=0.00 G=10.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Luminaire Flux		12549 lm		Luminaire Power		76.2 W		Efficacy		164.700 lm/W		Efficiency		85.95%	
Source Flux		14600 lm		Maximum value		294.00 cd/klm		Position		C=0.00 G=10.00		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	27848	27848	27848	27848	27848	27848	27848	27848	27848	27848	27848	27848	27848	27848	27848
G 5.0	25298	25270	25160	25017	25113	25823	26808	27241	27429	27663	27429	27241	26808	25298	25270
G 10.0	24337	24325	24445	24682	24938	24923	25016	25966	26928	27459	26928	25966	25016	24337	24325
G 15.0	21994	22067	22545	23185	23494	23974	24639	24505	25167	27239	25167	24505	24639	21994	22067
G 20.0	20478	20732	20861	20995	21584	22596	23657	24379	25495	27055	25495	24379	23657	20478	20732
G 25.0	19411	19384	19370	19401	20164	21425	22773	23953	25216	26775	25216	23953	22773	19411	19384
G 30.0	17796	17889	18298	18762	18886	19387	20777	22874	24853	26455	24853	22874	20777	17796	17889
G 35.0	16573	16575	16778	17261	18111	19028	20121	21897	23934	26038	23934	21897	20121	16573	16575
G 40.0	14253	14389	15138	16208	16811	17262	18299	20513	22925	25066	22925	20513	18299	14253	14389
G 45.0	14152	14242	14410	14743	15489	16538	17704	18949	20890	24040	20890	18949	17704	14152	14242
G 50.0	12579	12737	13143	13472	13376	14127	15886	17323	19446	22880	19446	17323	15886	12579	12737
G 55.0	10913	11167	11345	11630	12517	13707	14729	15426	17402	21137	17402	15426	14729	10913	11167
G 60.0	9919	9494	9658	10201	10545	11358	12762	13989	15685	18797	15685	13989	12762	9919	9494
G 65.0	8154	8363	8133	7917	8871	10093	10858	11476	12808	15830	12808	11476	10858	8154	8363
G 70.0	6210	6242	6492	6738	6469	6910	8314	9277	10179	11973	10179	9277	8314	6210	6242
G 75.0	4408	4436	4561	4853	5316	5282	5044	6091	7366	7584	7366	6091	5044	4408	4436
G 80.0	2409	2382	2420	2708	3413	3602	3175	3426	3838	3523	3838	3426	3175	2409	2382
G 85.0	797	785	807	914	1161	1372	1495	1702	1752	1023	1752	1702	1495	797	785
G 90.0	364	358	368	393	430	488	562	628	745	1457	745	628	562	364	358

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Luminaire Flux		12549 lm		Luminaire Power		76.2 W		Efficacy		164.700 lm/W		Efficiency		85.95%	
Source Flux		14600 lm		Maximum value		294.00 cd/klm		Position		C=0.00 G=10.00		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	27848	27848	27848	27848	27848	27848	27848	27848	27848	27848	27848	27848	27848	27848	27848
G 5.0	25823	25113	25017	25160	25270	25298	25270	25160	25017	25113	25823	26808	27241		
G 10.0	24923	24938	24682	24445	24325	24337	24325	24445	24682	24938	24923	25016	25966		
G 15.0	23974	23494	23185	22545	22067	21994	22067	22545	23185	23494	23974	24639	24505		
G 20.0	22596	21584	20995	20861	20732	20478	20732	20861	20995	21584	22596	23657	24379		
G 25.0	21425	20164	19401	19370	19384	19411	19384	19370	19401	20164	21425	22773	23953		
G 30.0	19387	18886	18762	18298	17889	17796	17889	18298	18762	18886	19387	20777	22874		
G 35.0	19028	18111	17261	16778	16575	16573	16575	16778	17261	18111	19028	20121	21897		
G 40.0	17262	16811	16208	15138	14389	14253	14389	15138	16208	16811	17262	18299	20513		
G 45.0	16538	15489	14743	14410	14242	14152	14242	14410	14743	15489	16538	17704	18949		
G 50.0	14127	13376	13472	13143	12737	12579	12737	13143	13472	13376	14127	15886	17323		
G 55.0	13707	12517	11630	11345	11167	10913	11167	11345	11630	12517	13707	14729	15426		
G 60.0	11358	10545	10201	9658	9494	9919	9494	9658	10201	10545	11358	12762	13989		
G 65.0	10093	8871	7917	8133	8363	8154	8363	8133	7917	8871	10093	10858	11476		
G 70.0	6910	6469	6738	6492	6242	6210	6242	6492	6738	6469	6910	8314	9277		
G 75.0	5282	5316	4853	4561	4436	4408	4436	4561	4853	5316	5282	5044	6091		
G 80.0	3602	3413	2708	2420	2382	2409	2382	2420	2708	3413	3602	3175	3426		
G 85.0	1372	1161	914	807	785	797	785	807	914	1161	1372	1495	1702		
G 90.0	488	430	393	368	358	364	358	368	393	430	488	562	628		

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Source Flux	14600 lm	Maximum value	294.00 cd/klm	Position	C=0.00 G=10.00	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	27848	27848	27848	27848	27848	27848	27848	27848	27848	27848
G 5.0	27429	27663	27429	27241	26808	25823	25113	25017	25160	25270
G 10.0	26928	27459	26928	25966	25016	24923	24938	24682	24445	24325
G 15.0	25167	27239	25167	24505	24639	23974	23494	23185	22545	22067
G 20.0	25495	27055	25495	24379	23657	22596	21584	20995	20861	20732
G 25.0	25216	26775	25216	23953	22773	21425	20164	19401	19370	19384
G 30.0	24853	26455	24853	22874	20777	19387	18886	18762	18298	17889
G 35.0	23934	26038	23934	21897	20121	19028	18111	17261	16778	16575
G 40.0	22925	25066	22925	20513	18299	17262	16811	16208	15138	14389
G 45.0	20890	24040	20890	18949	17704	16538	15489	14743	14410	14242
G 50.0	19446	22880	19446	17323	15886	14127	13376	13472	13143	12737
G 55.0	17402	21137	17402	15426	14729	13707	12517	11630	11345	11167
G 60.0	15685	18797	15685	13989	12762	11358	10545	10201	9658	9494
G 65.0	12808	15830	12808	11476	10858	10093	8871	7917	8133	8363
G 70.0	10179	11973	10179	9277	8314	6910	6469	6738	6492	6242
G 75.0	7366	7584	7366	6091	5044	5282	5316	4853	4561	4436
G 80.0	3838	3523	3838	3426	3175	3602	3413	2708	2420	2382
G 85.0	1752	1023	1752	1702	1495	1372	1161	914	807	785
G 90.0	745	1457	745	628	562	488	430	393	368	358