

**Luminaire**

Code 90492L120-58

Name TTP 100 LINE L1220 TOP 840 SRT/MID LO

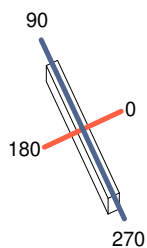
**Measurem.**

Code 3/7/2023

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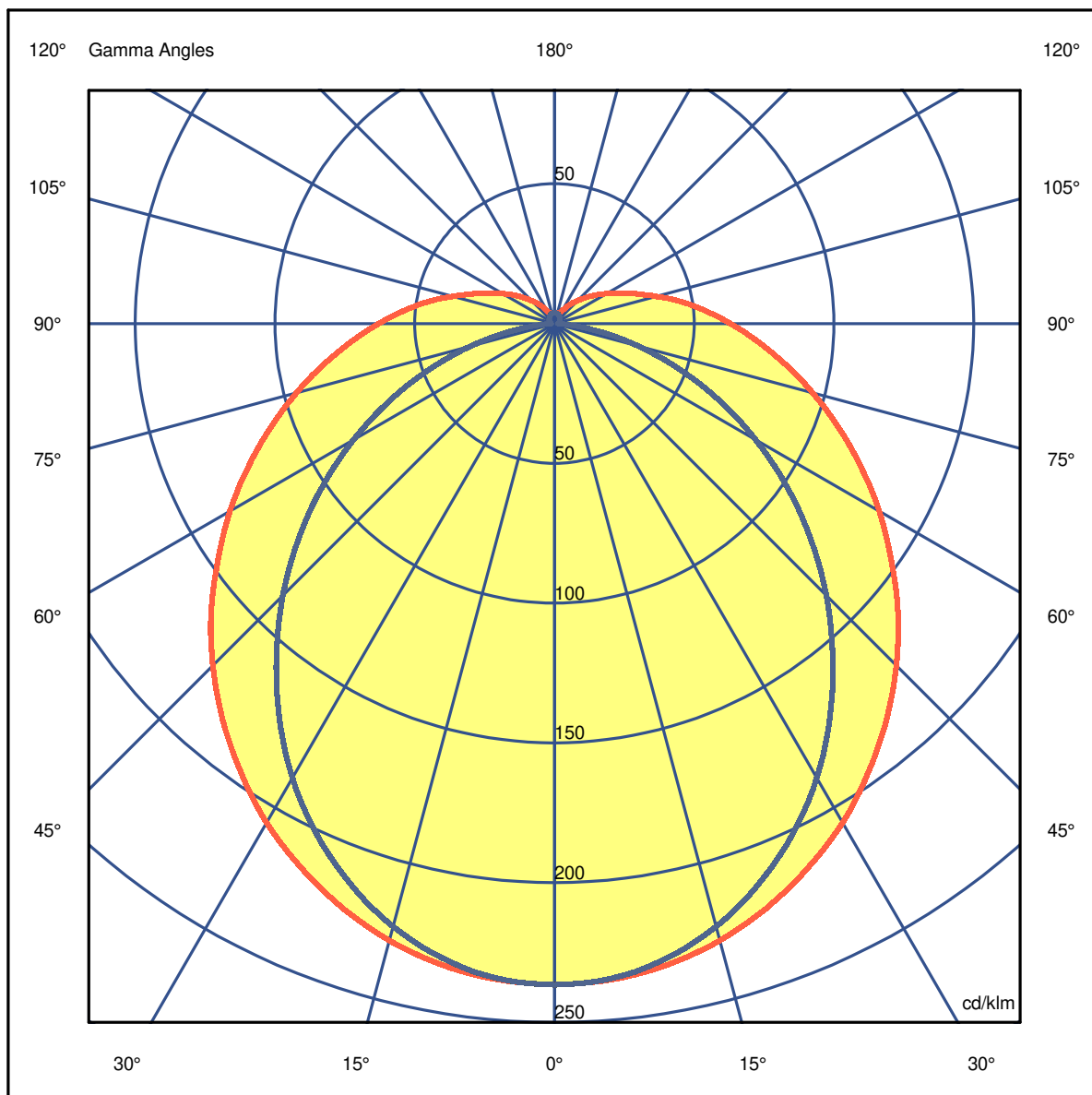
Luminaire Flux	6537 lm	Luminaire Power	45.1 W	Efficacy	145.014 lm/W	Efficiency	83.13%
Source Flux	7864 lm	Maximum value	236.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1220mm x 105mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0



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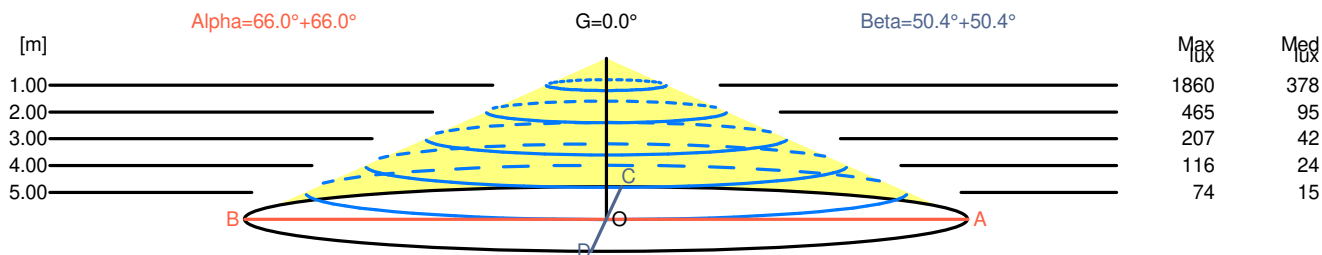
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Width at 50.00 % of Max Intensity

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	2.25	4.49	6.74	8.99	11.24	OC	1.21	2.42	3.62	4.83	6.04
OB	2.25	4.49	6.74	8.99	11.24	OD	1.21	2.42	3.62	4.83	6.04

	0	5	15	25	35	45	55	65	75	85
OA	1859.84	1851.97	1796.14	1688.40	1539.77	1359.69	1156.01	950.76	751.80	573.29
OB	1859.84	1851.97	1796.14	1688.40	1539.77	1359.69	1156.01	950.76	751.80	573.29
OC	1859.84	1848.83	1756.03	1584.60	1351.04	1081.30	797.41	511.16	244.57	44.04
OD	1859.84	1848.83	1756.03	1584.60	1351.04	1081.30	797.41	511.16	244.57	44.04



H[m]	D[m]	Max lux	Med lux	Alpha=66.0°+66.0°	G=0.0	
1.00	4.49	1860	378			
2.00	8.99	465	95			
3.00	13.48	207	42			
4.00	17.98	116	24			
5.00	22.47	74	15			

H[m]	D[m]	Max lux	Med lux	Beta=50.4°+50.4°	G=0.0	
1.00	2.42	1860	378			
2.00	4.83	465	95			
3.00	7.25	207	42			
4.00	9.66	116	24			
5.00	12.08	74	15			

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Source Flux	7864 lm	Maximum value	236.50 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	18.9	20.1	19.3	20.5	21.0	18.4	19.6	18.8	20.0	20.5
x=2H y=3H	20.7	21.8	21.1	22.2	22.8	19.6	20.7	20.1	21.2	21.7
x=2H y=4H	21.5	22.6	22.0	23.1	23.6	20.0	21.1	20.5	21.6	22.1
x=2H y=6H	22.3	23.3	22.8	23.8	24.3	20.3	21.3	20.8	21.8	22.3
x=2H y=8H	22.7	23.6	23.2	24.2	24.7	20.3	21.3	20.8	21.8	22.3
x=2H y=12H	23.0	24.0	23.6	24.5	25.0	20.3	21.3	20.9	21.8	22.3
x=4H y=2H	19.4	20.5	19.9	20.9	21.4	19.0	20.1	19.5	20.5	21.0
x=4H y=3H	21.4	22.3	21.9	22.8	23.4	20.4	21.3	20.9	21.8	22.4
x=4H y=4H	22.4	23.2	23.0	23.8	24.4	21.0	21.8	21.5	22.3	22.9
x=4H y=6H	23.4	24.1	24.0	24.7	25.3	21.3	22.1	21.9	22.6	23.3
x=4H y=8H	23.9	24.6	24.5	25.1	25.8	21.4	22.1	22.0	22.7	23.4
x=4H y=12H	24.3	25.0	24.9	25.6	26.2	21.5	22.1	22.1	22.7	23.4
x=8H y=4H	22.7	23.4	23.3	23.9	24.6	21.4	22.1	22.0	22.7	23.3
x=8H y=6H	23.9	24.4	24.5	25.0	25.7	22.0	22.6	22.6	23.2	23.8
x=8H y=8H	24.5	25.0	25.1	25.6	26.3	22.2	22.7	22.8	23.3	24.0
x=8H y=12H	25.1	25.6	25.8	26.2	26.9	22.3	22.8	23.0	23.4	24.2
x=12H y=4H	22.7	23.3	23.3	23.9	24.6	21.5	22.1	22.1	22.7	23.4
x=12H y=6H	23.9	24.4	24.6	25.1	25.8	22.2	22.7	22.8	23.3	24.0
x=12H y=8H	24.6	25.1	25.3	25.7	26.4	22.5	22.9	23.1	23.6	24.3

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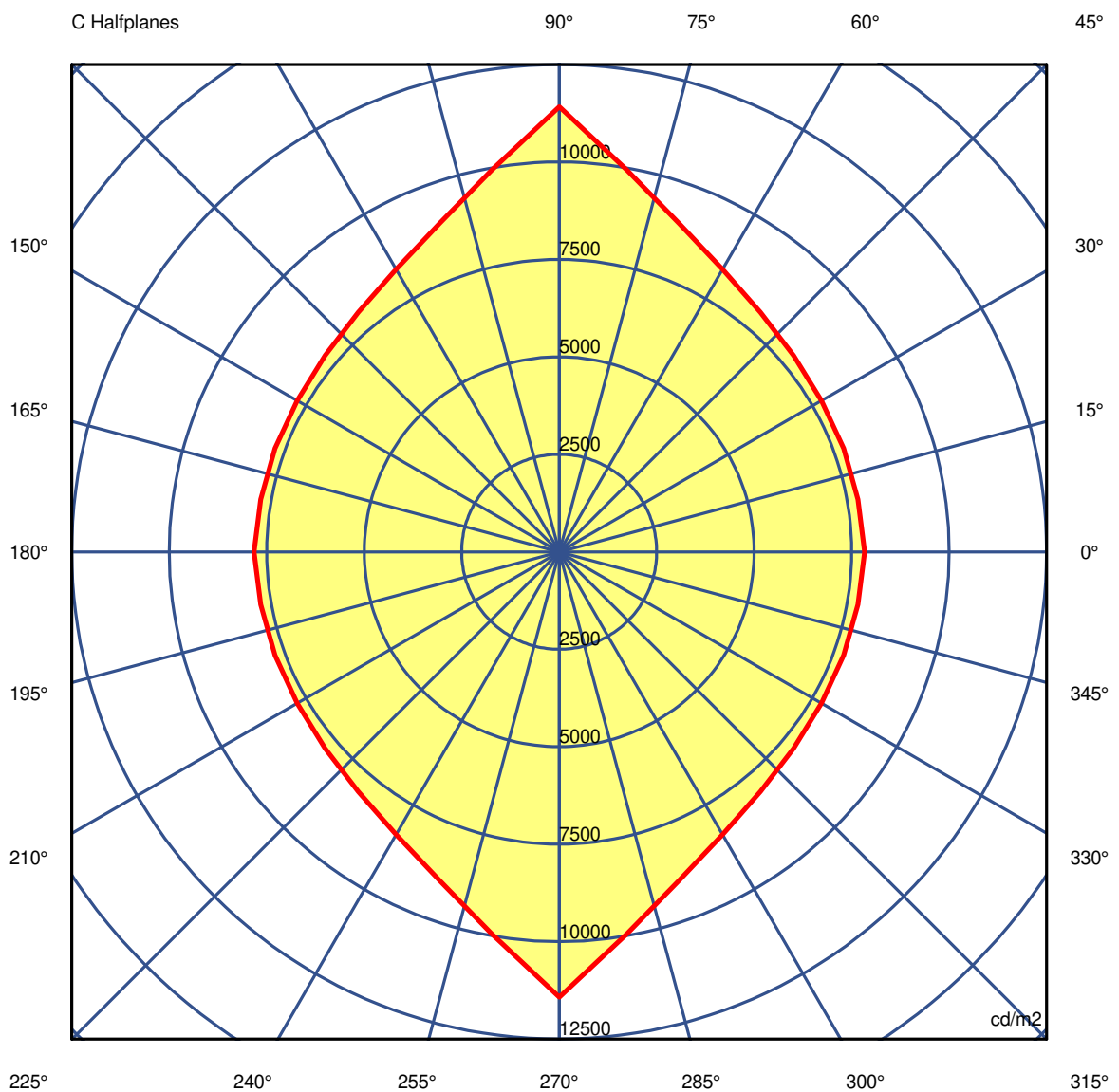
**Measurement**

Code 3/7/2023

Name TTP 100 LINE L1220 TOP 840 SRT/MID LO

Luminaire Flux	6537 lm	Luminaire Power	45.1 W	Efficacy	145.014 lm/W	Efficiency	83.13%
Source Flux	7864 lm	Maximum value	236.50 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux	6537 lm		Luminaire Power		45.1 W		Efficacy		145.014 lm/W		Efficiency		83.13%	
Source Flux	7864 lm		Maximum value		236.50 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	15139	15139	15139	15139	15139	15139	15139	15139	15139	15139	15139	15139	15139	
G 5.0	13915	13920	13952	14010	14098	14215	14362	14538	14749	14989	14749	14538	14362	
G 10.0	12869	12857	12905	13004	13149	13352	13621	13950	14330	14749	14330	13950	13621	
G 15.0	11938	11930	11986	12092	12273	12531	12872	13309	13838	14451	13838	13309	12872	
G 20.0	11102	11091	11142	11255	11454	11744	12135	12644	13291	14077	13291	12644	12135	
G 25.0	10342	10322	10368	10475	10666	10955	11367	11939	12700	13660	12700	11939	11367	
G 30.0	9658	9617	9650	9746	9918	10197	10620	11227	12072	13184	12072	11227	10620	
G 35.0	8999	8961	8980	9046	9198	9462	9876	10495	11395	12632	11395	10495	9876	
G 40.0	8397	8348	8354	8397	8505	8725	9112	9727	10672	12030	10672	9727	9112	
G 45.0	7826	7772	7757	7765	7844	8027	8372	8973	9951	11423	9951	8973	8372	
G 50.0	7288	7215	7185	7172	7211	7345	7638	8189	9172	10760	9172	8189	7638	
G 55.0	6756	6700	6648	6587	6598	6698	6928	7404	8356	10031	8356	7404	6928	
G 60.0	6284	6211	6154	6084	6048	6081	6233	6613	7496	9208	7496	6613	6233	
G 65.0	5824	5745	5679	5590	5515	5489	5554	5804	6564	8256	6564	5804	5554	
G 70.0	5394	5316	5246	5140	5027	4940	4905	4987	5556	7132	5556	4987	4905	
G 75.0	4997	4915	4835	4717	4591	4454	4302	4194	4495	5762	4495	4194	4302	
G 80.0	4636	4548	4464	4334	4178	3999	3767	3453	3379	4031	3379	3453	3767	
G 85.0	4308	4221	4132	3990	3816	3598	3284	2805	2354	2030	2354	2805	3284	
G 90.0	4033	3941	3849	3703	3518	3274	2903	2301	1673	856	1673	2301	2903	

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Source Flux	7864 lm		Maximum value		236.50 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	15139	15139	15139	15139	15139	15139	15139	15139	15139	15139	15139	15139	15139	15139
G 5.0	14215	14098	14010	13952	13920	13915	13920	13952	14010	14098	14215	14362	14538	
G 10.0	13352	13149	13004	12905	12857	12869	12857	12905	13004	13149	13352	13621	13950	
G 15.0	12531	12273	12092	11986	11930	11938	11930	11986	12092	12273	12531	12872	13309	
G 20.0	11744	11454	11255	11142	11091	11102	11091	11142	11255	11454	11744	12135	12644	
G 25.0	10955	10666	10475	10368	10322	10342	10322	10368	10475	10666	10955	11367	11939	
G 30.0	10197	9918	9746	9650	9617	9658	9617	9650	9746	9918	10197	10620	11227	
G 35.0	9462	9198	9046	8980	8961	8999	8961	8980	9046	9198	9462	9876	10495	
G 40.0	8725	8505	8397	8354	8348	8397	8348	8354	8397	8505	8725	9112	9727	
G 45.0	8027	7844	7765	7757	7772	7826	7772	7757	7765	7844	8027	8372	8973	
G 50.0	7345	7211	7172	7185	7215	7288	7215	7185	7172	7211	7345	7638	8189	
G 55.0	6698	6598	6587	6648	6700	6756	6700	6648	6587	6598	6698	6928	7404	
G 60.0	6081	6048	6084	6154	6211	6284	6211	6154	6084	6048	6081	6233	6613	
G 65.0	5489	5515	5590	5679	5745	5824	5745	5679	5590	5515	5489	5554	5804	
G 70.0	4940	5027	5140	5246	5316	5394	5316	5246	5140	5027	4940	4905	4987	
G 75.0	4454	4591	4717	4835	4915	4997	4915	4835	4717	4591	4454	4302	4194	
G 80.0	3999	4178	4334	4464	4548	4636	4548	4464	4334	4178	3999	3767	3453	
G 85.0	3598	3816	3990	4132	4221	4308	4221	4132	3990	3816	3598	3284	2805	
G 90.0	3274	3518	3703	3849	3941	4033	3941	3849	3703	3518	3274	2903	2301	

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**Measurem.**

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Source Flux	7864 lm	Maximum value	236.50 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	15139	15139	15139	15139	15139	15139	15139	15139	15139	15139
G 5.0	14749	14989	14749	14538	14362	14215	14098	14010	13952	13920
G 10.0	14330	14749	14330	13950	13621	13352	13149	13004	12905	12857
G 15.0	13838	14451	13838	13309	12872	12531	12273	12092	11986	11930
G 20.0	13291	14077	13291	12644	12135	11744	11454	11255	11142	11091
G 25.0	12700	13660	12700	11939	11367	10955	10666	10475	10368	10322
G 30.0	12072	13184	12072	11227	10620	10197	9918	9746	9650	9617
G 35.0	11395	12632	11395	10495	9876	9462	9198	9046	8980	8961
G 40.0	10672	12030	10672	9727	9112	8725	8505	8397	8354	8348
G 45.0	9951	11423	9951	8973	8372	8027	7844	7765	7757	7772
G 50.0	9172	10760	9172	8189	7638	7345	7211	7172	7185	7215
G 55.0	8356	10031	8356	7404	6928	6698	6598	6587	6648	6700
G 60.0	7496	9208	7496	6613	6233	6081	6048	6084	6154	6211
G 65.0	6564	8256	6564	5804	5554	5489	5515	5590	5679	5745
G 70.0	5556	7132	5556	4987	4905	4940	5027	5140	5246	5316
G 75.0	4495	5762	4495	4194	4302	4454	4591	4717	4835	4915
G 80.0	3379	4031	3379	3453	3767	3999	4178	4334	4464	4548
G 85.0	2354	2030	2354	2805	3284	3598	3816	3990	4132	4221
G 90.0	1673	856	1673	2301	2903	3274	3518	3703	3849	3941