

Luminaire

Code 90484L120-50

Name TTP 50 LINE L1180 TOP 830 END LO

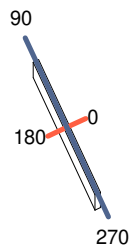
Measurem.

Code 4/7/2023

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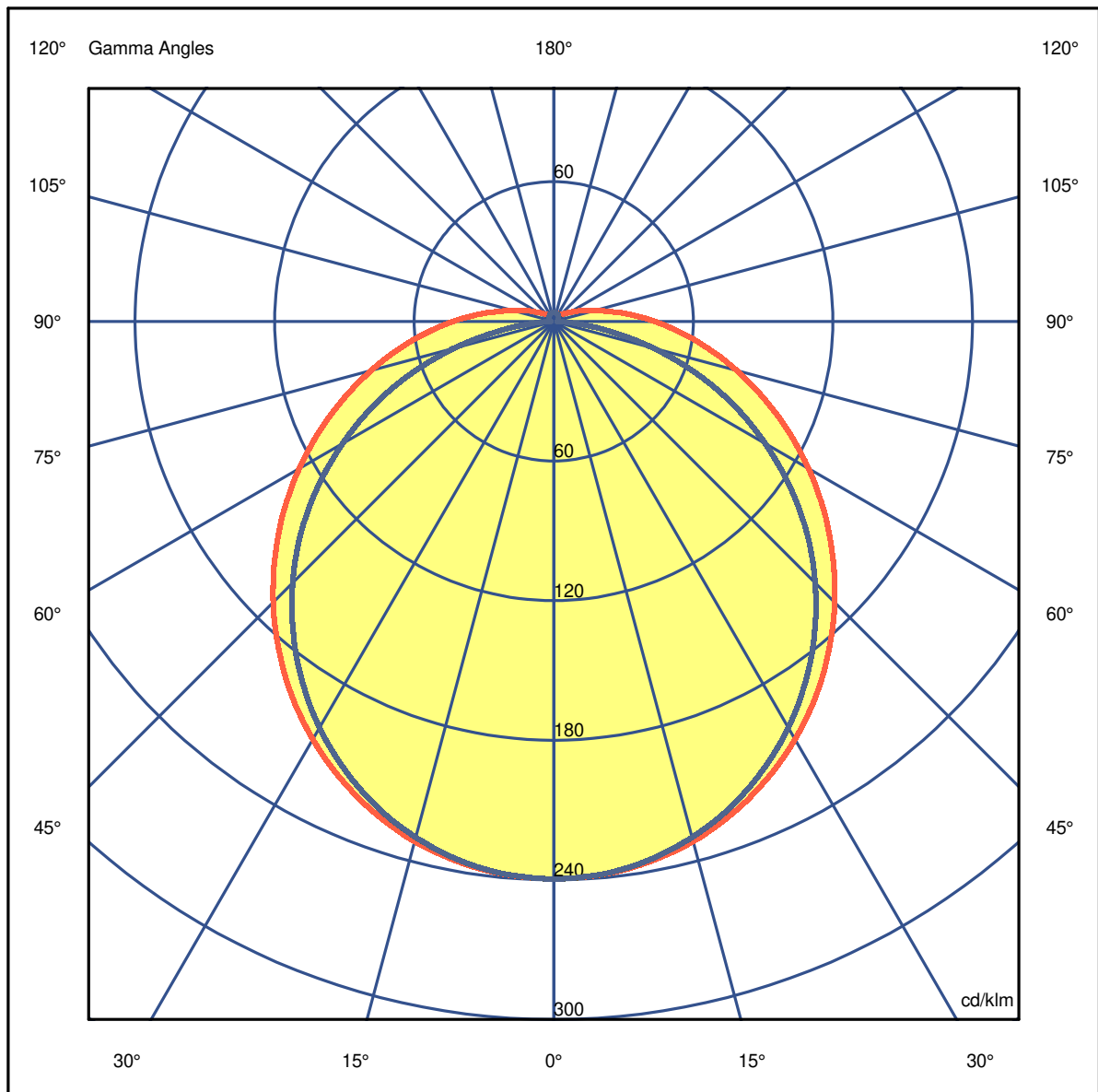
Luminaire Flux	3029 lm	Luminaire Power	21.4 W	Efficacy	141.470 lm/W	Efficiency	80.38%
Source Flux	3768 lm	Maximum value	239.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1180mm x 50mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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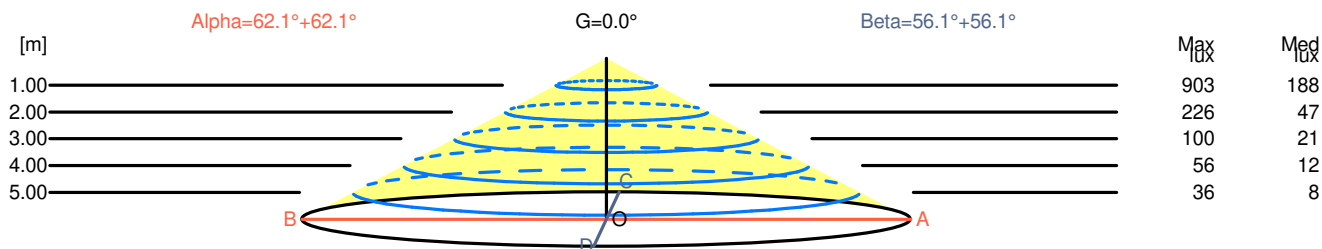
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Luminaire Flux	3029 lm	Luminaire Power	21.4 W	Efficacy	141.470 lm/W	Efficiency	80.38%
Source Flux	3768 lm	Maximum value	239.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.89	3.78	5.67	7.57	9.46	OC	1.49	2.98	4.47	5.96	7.44
OB	1.89	3.78	5.67	7.57	9.46	OD	1.49	2.98	4.47	5.96	7.44

	0	5	15	25	35	45	55	65	75	85
OA	902.81	899.04	871.54	816.90	740.04	643.20	533.93	418.25	306.34	206.49
OB	902.81	899.04	871.54	816.90	740.04	643.20	533.93	418.25	306.34	206.49
OC	902.81	898.29	864.76	801.08	711.02	598.36	467.23	321.79	166.92	33.91
OD	902.81	898.29	864.76	801.08	711.02	598.36	467.23	321.79	166.92	33.91



H[m]	D[m]	Max lux	Med lux	Alpha=62.1°+62.1°	G=0.0	
1.00	3.78	903	188			
2.00	7.57	226	47			
3.00	11.35	100	21			
4.00	15.13	56	12			
5.00	18.92	36	8			

H[m]	D[m]	Max lux	Med lux	Beta=56.1°+56.1°	G=0.0	
1.00	2.98	903	188			
2.00	5.96	226	47			
3.00	8.93	100	21			
4.00	11.91	56	12			
5.00	14.89	36	8			

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Luminaire Flux	3029 lm	Luminaire Power	21.4 W	Efficacy	141.470 lm/W	Efficiency	80.38%
Source Flux	3768 lm	Maximum value	239.60 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	19.0	20.3	19.4	20.6	21.0	19.9	21.2	20.2	21.5	21.9
x=2H y=3H	20.6	21.8	21.0	22.1	22.5	21.3	22.5	21.7	22.9	23.3
x=2H y=4H	21.3	22.4	21.7	22.8	23.2	21.9	23.0	22.3	23.4	23.8
x=2H y=6H	21.9	22.9	22.4	23.4	23.8	22.3	23.3	22.7	23.7	24.2
x=2H y=8H	22.2	23.2	22.6	23.6	24.1	22.3	23.4	22.8	23.8	24.2
x=2H y=12H	22.4	23.4	22.9	23.8	24.3	22.4	23.4	22.9	23.8	24.2
x=4H y=2H	19.6	20.7	20.0	21.1	21.5	20.3	21.4	20.7	21.8	22.2
x=4H y=3H	21.4	22.3	21.8	22.8	23.2	21.9	22.9	22.4	23.3	23.8
x=4H y=4H	22.2	23.1	22.7	23.6	24.1	22.6	23.5	23.1	23.9	24.4
x=4H y=6H	23.0	23.8	23.5	24.3	24.8	23.1	23.8	23.6	24.3	24.8
x=4H y=8H	23.4	24.1	23.9	24.6	25.1	23.2	23.9	23.7	24.4	24.9
x=4H y=12H	23.7	24.4	24.2	24.9	25.4	23.2	23.9	23.8	24.4	25.0
x=8H y=4H	22.5	23.2	23.0	23.7	24.2	22.8	23.5	23.3	24.0	24.6
x=8H y=6H	23.5	24.1	24.0	24.6	25.2	23.4	24.0	24.0	24.5	25.1
x=8H y=8H	24.0	24.5	24.5	25.0	25.6	23.6	24.1	24.2	24.7	25.3
x=8H y=12H	24.4	24.9	25.0	25.5	26.1	23.7	24.2	24.3	24.8	25.4
x=12H y=4H	22.5	23.2	23.0	23.7	24.2	22.8	23.5	23.4	24.0	24.6
x=12H y=6H	23.5	24.1	24.1	24.6	25.2	23.5	24.0	24.0	24.6	25.1
x=12H y=8H	24.1	24.5	24.7	25.1	25.7	23.7	24.2	24.3	24.8	25.4

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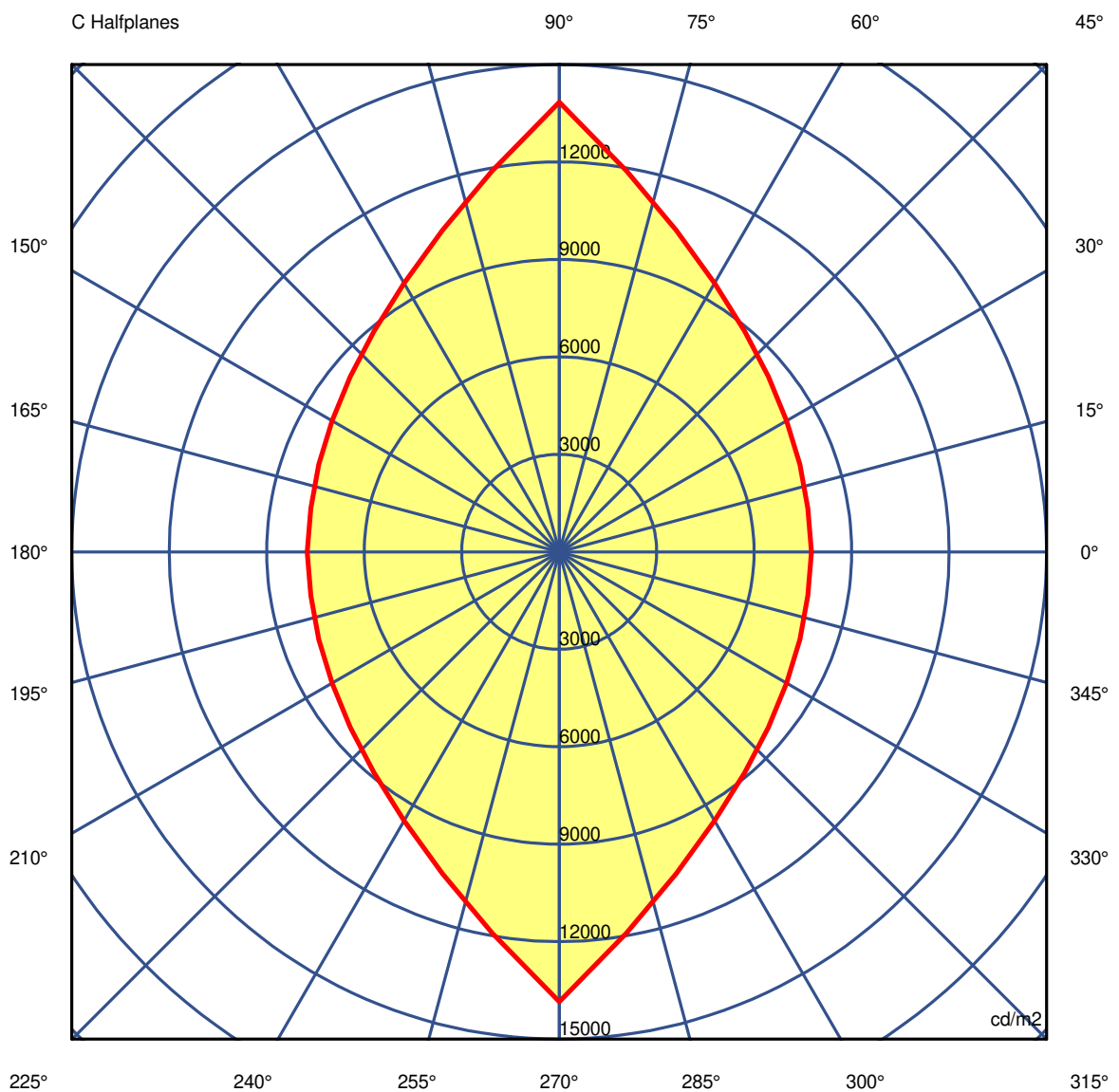
Measurem.

Code 4/7/2023

Name TTP 50 LINE L1180 TOP 830 END LO

Luminaire Flux	3029 lm	Luminaire Power	21.4 W	Efficacy	141.470 lm/W	Efficiency	80.38%
Source Flux	3768 lm	Maximum value	239.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux	3029 lm	Luminaire Power	21.4 W	Efficacy	141.470 lm/W	Efficiency	80.38%
Source Flux	3768 lm	Maximum value	239.60 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	15406	15406	15406	15406	15406	15406	15406	15406	15406	15406	15406	15406	15406
G 5.0	14162	14171	14214	14291	14394	14525	14691	14893	15109	15331	15109	14893	14691
G 10.0	13088	13108	13184	13313	13491	13729	14029	14383	14786	15229	14786	14383	14029
G 15.0	12143	12160	12255	12423	12656	12971	13379	13879	14457	15105	14457	13879	13379
G 20.0	11283	11303	11410	11596	11875	12258	12753	13363	14098	14965	14098	13363	12753
G 25.0	10490	10511	10626	10834	11144	11568	12125	12838	13721	14789	13721	12838	12125
G 30.0	9758	9775	9894	10114	10437	10889	11500	12301	13326	14609	13326	12301	11500
G 35.0	9068	9077	9193	9412	9740	10212	10868	11743	12893	14383	12893	11743	10868
G 40.0	8398	8411	8522	8733	9063	9545	10225	11161	12430	14133	12430	11161	10225
G 45.0	7761	7768	7875	8080	8401	8874	9555	10532	11913	13850	11913	10532	9555
G 50.0	7138	7145	7239	7419	7717	8178	8863	9865	11340	13527	11340	9865	8863
G 55.0	6542	6539	6622	6784	7048	7471	8128	9130	10677	13103	10677	9130	8128
G 60.0	5950	5941	6005	6134	6359	6733	7336	8309	9899	12562	9899	8309	7336
G 65.0	5371	5355	5400	5493	5666	5962	6471	7371	8972	11904	8972	7371	6471
G 70.0	4811	4792	4816	4867	4975	5186	5575	6307	7795	10938	7795	6307	5575
G 75.0	4268	4243	4249	4258	4292	4393	4623	5118	6349	9494	6349	5118	4623
G 80.0	3747	3719	3702	3665	3634	3618	3643	3821	4605	7364	4605	3821	3643
G 85.0	3253	3221	3182	3099	2998	2882	2739	2583	2746	4463	2746	2583	2739
G 90.0	2791	2752	2695	2580	2429	2231	1952	1560	1267	1959	1267	1560	1952

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Luminaire Flux	3029 lm		Luminaire Power		21.4 W		Efficacy		141.470 lm/W		Efficiency		80.38%	
Source Flux	3768 lm		Maximum value		239.60 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	15406	15406	15406	15406	15406	15406	15406	15406	15406	15406	15406	15406	15406	
G 5.0	14525	14394	14291	14214	14171	14162	14171	14214	14291	14394	14525	14691	14893	
G 10.0	13729	13491	13313	13184	13108	13088	13108	13184	13313	13491	13729	14029	14383	
G 15.0	12971	12656	12423	12255	12160	12143	12160	12255	12423	12656	12971	13379	13879	
G 20.0	12258	11875	11596	11410	11303	11283	11303	11410	11596	11875	12258	12753	13363	
G 25.0	11568	11144	10834	10626	10511	10490	10511	10626	10834	11144	11568	12125	12838	
G 30.0	10889	10437	10114	9894	9775	9758	9775	9894	10114	10437	10889	11500	12301	
G 35.0	10212	9740	9412	9193	9077	9068	9077	9193	9412	9740	10212	10868	11743	
G 40.0	9545	9063	8733	8522	8411	8398	8411	8522	8733	9063	9545	10225	11161	
G 45.0	8874	8401	8080	7875	7768	7761	7768	7875	8080	8401	8874	9555	10532	
G 50.0	8178	7717	7419	7239	7145	7138	7145	7239	7419	7717	8178	8863	9865	
G 55.0	7471	7048	6784	6622	6539	6542	6539	6622	6784	7048	7471	8128	9130	
G 60.0	6733	6359	6134	6005	5941	5950	5941	6005	6134	6359	6733	7336	8309	
G 65.0	5962	5666	5493	5400	5355	5371	5355	5400	5493	5666	5962	6471	7371	
G 70.0	5186	4975	4867	4816	4792	4811	4792	4816	4867	4975	5186	5575	6307	
G 75.0	4393	4292	4258	4249	4243	4268	4243	4249	4258	4292	4393	4623	5118	
G 80.0	3618	3634	3665	3702	3719	3747	3719	3702	3665	3634	3618	3643	3821	
G 85.0	2882	2998	3099	3182	3221	3253	3221	3182	3099	2998	2882	2739	2583	
G 90.0	2231	2429	2580	2695	2752	2791	2752	2695	2580	2429	2231	1952	1560	

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Source Flux	3768 lm	Maximum value	239.60 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	15406	15406	15406	15406	15406	15406	15406	15406	15406	15406
G 5.0	15109	15331	15109	14893	14691	14525	14394	14291	14214	14171
G 10.0	14786	15229	14786	14383	14029	13729	13491	13313	13184	13108
G 15.0	14457	15105	14457	13879	13379	12971	12656	12423	12255	12160
G 20.0	14098	14965	14098	13363	12753	12258	11875	11596	11410	11303
G 25.0	13721	14789	13721	12838	12125	11568	11144	10834	10626	10511
G 30.0	13326	14609	13326	12301	11500	10889	10437	10114	9894	9775
G 35.0	12893	14383	12893	11743	10868	10212	9740	9412	9193	9077
G 40.0	12430	14133	12430	11161	10225	9545	9063	8733	8522	8411
G 45.0	11913	13850	11913	10532	9555	8874	8401	8080	7875	7768
G 50.0	11340	13527	11340	9865	8863	8178	7717	7419	7239	7145
G 55.0	10677	13103	10677	9130	8128	7471	7048	6784	6622	6539
G 60.0	9899	12562	9899	8309	7336	6733	6359	6134	6005	5941
G 65.0	8972	11904	8972	7371	6471	5962	5666	5493	5400	5355
G 70.0	7795	10938	7795	6307	5575	5186	4975	4867	4816	4792
G 75.0	6349	9494	6349	5118	4623	4393	4292	4258	4249	4243
G 80.0	4605	7364	4605	3821	3643	3618	3634	3665	3702	3719
G 85.0	2746	4463	2746	2583	2739	2882	2998	3099	3182	3221
G 90.0	1267	1959	1267	1560	1952	2231	2429	2580	2695	2752