

**Luminaire**

Code 90551L150

Name TTP 70 COLOUR L1460 TOP 840 LO

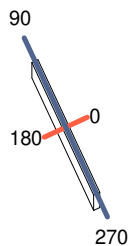
**Measurem.**

Code 3/7/2023

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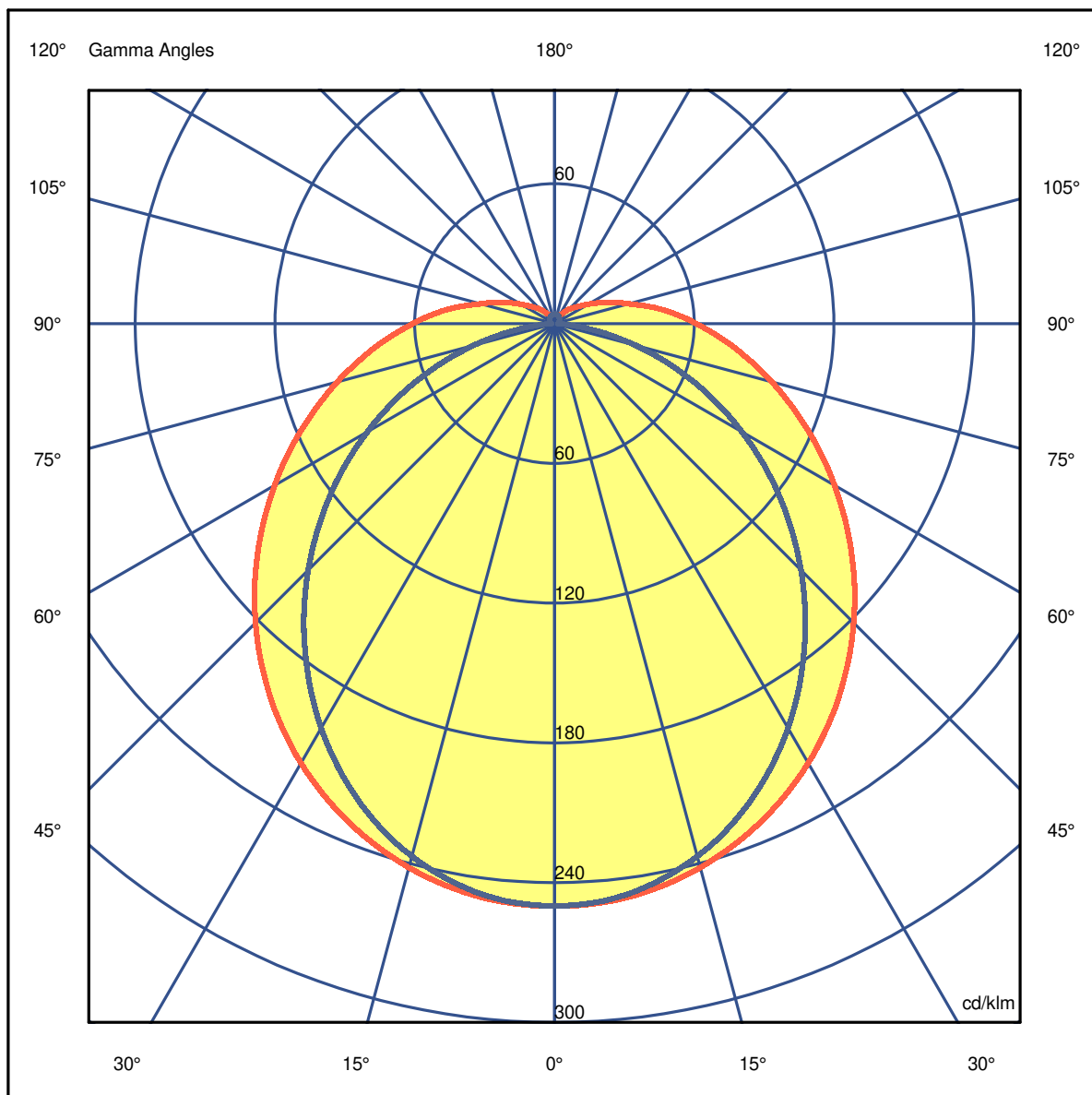
Luminaire Flux	4220 lm	Luminaire Power	26.1 W	Efficacy	162.006 lm/W	Efficiency	85.86%
Source Flux	4915 lm	Maximum value	250.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1460mm x 70mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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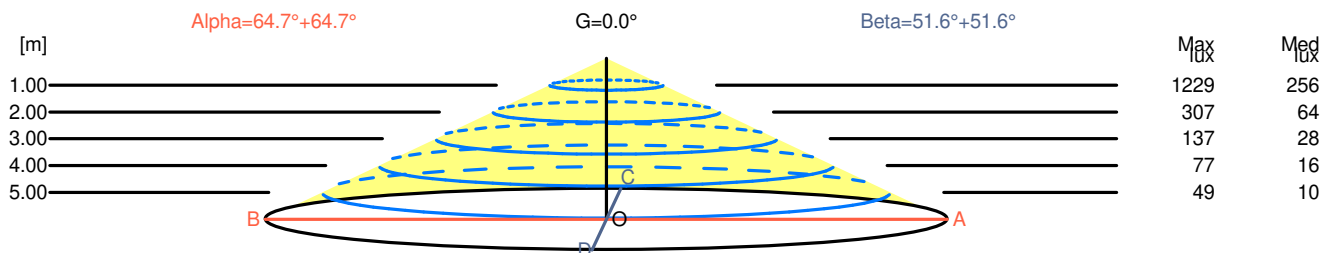
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Width at 50.00 % of Max Intensity

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	1229.24	1225.31	1187.96	1117.18	1016.91	892.56	753.47	610.93	474.79	352.90
OB	1229.24	1225.31	1187.96	1117.18	1016.91	892.56	753.47	610.93	474.79	352.90
OC	1229.24	1221.87	1163.38	1054.76	906.82	735.28	551.46	361.74	176.45	29.98
OD	1229.24	1221.87	1163.38	1054.76	906.82	735.28	551.46	361.74	176.45	29.98



H[m]	D[m]	Max lux	Med lux	Alpha=64.7°+64.7°	G=0.0
1.00	4.24	1229	256		
2.00	8.48	307	64		
3.00	12.72	137	28		
4.00	16.96	77	16		
5.00	21.20	49	10		

H[m]	D[m]	Max lux	Med lux	Beta=51.6°+51.6°	G=0.0
1.00	2.52	1229	256		
2.00	5.05	307	64		
3.00	7.57	137	28		
4.00	10.10	77	16		
5.00	12.62	49	10		

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Source Flux	4915 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	Lateral View					Viewed Endwise				
x=2H y=2H	18.1	19.4	18.6	19.8	20.2	18.0	19.3	18.5	19.7	20.1
x=2H y=3H	19.9	21.0	20.3	21.5	21.9	19.4	20.5	19.8	21.0	21.4
x=2H y=4H	20.7	21.8	21.1	22.2	22.7	19.8	20.9	20.3	21.4	21.8
x=2H y=6H	21.4	22.5	21.9	22.9	23.4	20.1	21.1	20.6	21.6	22.1
x=2H y=8H	21.8	22.8	22.3	23.3	23.8	20.2	21.2	20.7	21.6	22.2
x=2H y=12H	22.1	23.1	22.6	23.6	24.1	20.2	21.1	20.7	21.6	22.1
x=4H y=2H	18.7	19.8	19.2	20.2	20.7	18.6	19.7	19.1	20.1	20.6
x=4H y=3H	20.6	21.6	21.1	22.0	22.6	20.1	21.0	20.6	21.5	22.0
x=4H y=4H	21.6	22.5	22.1	23.0	23.5	20.7	21.5	21.2	22.0	22.6
x=4H y=6H	22.6	23.3	23.1	23.8	24.4	21.1	21.8	21.6	22.4	23.0
x=4H y=8H	23.0	23.7	23.6	24.2	24.8	21.2	21.9	21.8	22.4	23.0
x=4H y=12H	23.4	24.1	24.0	24.6	25.2	21.2	21.9	21.8	22.4	23.1
x=8H y=4H	21.9	22.6	22.4	23.1	23.7	21.1	21.7	21.6	22.3	22.9
x=8H y=6H	23.0	23.6	23.6	24.2	24.8	21.6	22.2	22.2	22.8	23.4
x=8H y=8H	23.6	24.1	24.2	24.7	25.4	21.8	22.4	22.5	22.9	23.6
x=8H y=12H	24.2	24.6	24.8	25.3	25.9	21.9	22.4	22.6	23.0	23.7
x=12H y=4H	21.9	22.5	22.5	23.1	23.7	21.1	21.8	21.7	22.3	22.9
x=12H y=6H	23.1	23.6	23.7	24.2	24.9	21.8	22.3	22.4	22.9	23.6
x=12H y=8H	23.7	24.2	24.4	24.8	25.5	22.0	22.5	22.7	23.1	23.8

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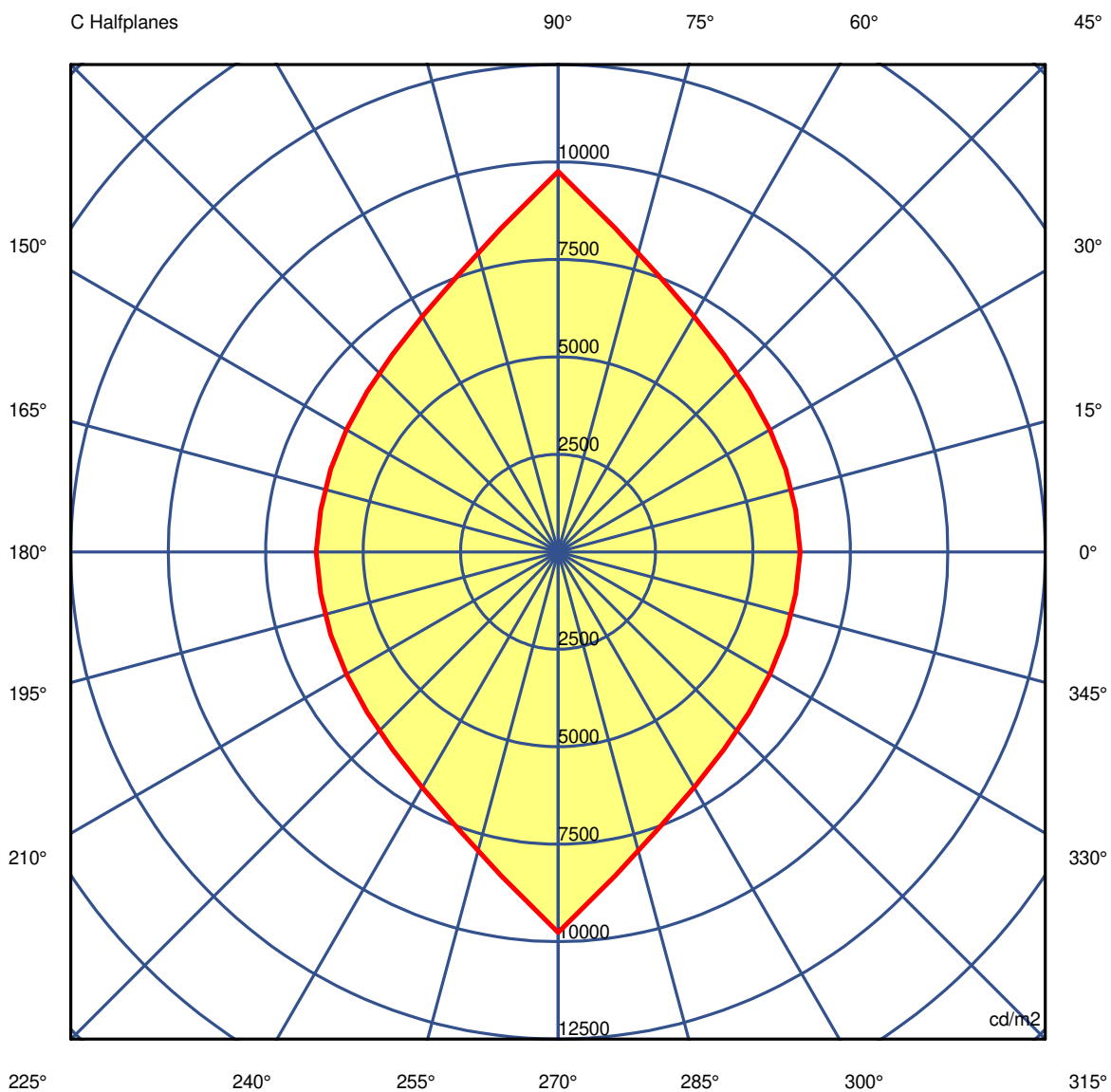
**Measurem.**

Code 3/7/2023

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Luminaire Flux	4220 lm	Luminaire Power	26.1 W	Efficacy	162.006 lm/W	Efficiency	85.86%
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Luminance



45.0°

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**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	12094	12094	12094	12094	12094	12094	12094	12094	12094	12094	12094	12094	12094
G 5.0	11128	11120	11149	11209	11291	11396	11521	11672	11838	12017	11838	11672	11521
G 10.0	10285	10281	10328	10424	10564	10742	10959	11224	11534	11880	11534	11224	10959
G 15.0	9543	9545	9604	9717	9885	10111	10400	10760	11194	11699	11194	10760	10400
G 20.0	8874	8878	8939	9056	9242	9499	9835	10272	10819	11475	10819	10272	9835
G 25.0	8271	8265	8325	8446	8633	8899	9265	9755	10397	11198	10397	9755	9265
G 30.0	7710	7698	7751	7863	8046	8316	8698	9226	9949	10892	9949	9226	8698
G 35.0	7184	7166	7209	7306	7476	7738	8123	8680	9469	10536	9469	8680	8123
G 40.0	6683	6664	6698	6779	6932	7175	7547	8118	8968	10168	8968	8118	7547
G 45.0	6210	6185	6211	6274	6395	6612	6973	7545	8436	9760	8436	7545	6973
G 50.0	5760	5727	5740	5782	5880	6066	6391	6943	7867	9327	7867	6943	6391
G 55.0	5323	5292	5295	5316	5381	5531	5818	6335	7267	8850	7267	6335	5818
G 60.0	4913	4876	4865	4863	4904	5008	5229	5690	6606	8283	6606	5690	5229
G 65.0	4523	4481	4463	4445	4446	4498	4653	5014	5863	7632	5863	5014	4653
G 70.0	4150	4109	4083	4046	4019	4018	4079	4302	5021	6804	5021	4302	4079
G 75.0	3814	3769	3735	3679	3616	3563	3530	3572	4056	5685	4056	3572	3530
G 80.0	3494	3451	3411	3338	3246	3139	3002	2844	2997	4177	2997	2844	3002
G 85.0	3205	3152	3106	3024	2908	2750	2523	2192	1960	2182	1960	2192	2523
G 90.0	2945	2897	2845	2749	2616	2430	2142	1684	1270	1304	1270	1684	2142

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Source Flux	4915 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	12094	12094	12094	12094	12094	12094	12094	12094	12094	12094	12094	12094	12094	
G 5.0	11396	11291	11209	11149	11120	11128	11120	11149	11209	11291	11396	11521	11672	
G 10.0	10742	10564	10424	10328	10281	10285	10281	10328	10424	10564	10742	10959	11224	
G 15.0	10111	9885	9717	9604	9545	9543	9545	9604	9717	9885	10111	10400	10760	
G 20.0	9499	9242	9056	8939	8878	8874	8878	8939	9056	9242	9499	9835	10272	
G 25.0	8899	8633	8446	8325	8265	8271	8265	8325	8446	8633	8899	9265	9755	
G 30.0	8316	8046	7863	7751	7698	7710	7698	7751	7863	8046	8316	8698	9226	
G 35.0	7738	7476	7306	7209	7166	7184	7166	7209	7306	7476	7738	8123	8680	
G 40.0	7175	6932	6779	6698	6664	6683	6664	6698	6779	6932	7175	7547	8118	
G 45.0	6612	6395	6274	6211	6185	6210	6185	6211	6274	6395	6612	6973	7545	
G 50.0	6066	5880	5782	5740	5727	5760	5727	5740	5782	5880	6066	6391	6943	
G 55.0	5531	5381	5316	5295	5292	5323	5292	5295	5316	5381	5531	5818	6335	
G 60.0	5008	4904	4863	4865	4876	4913	4876	4865	4863	4904	5008	5229	5690	
G 65.0	4498	4446	4445	4463	4481	4523	4481	4463	4445	4446	4498	4653	5014	
G 70.0	4018	4019	4046	4083	4109	4150	4109	4083	4046	4019	4018	4079	4302	
G 75.0	3563	3616	3679	3735	3769	3814	3769	3735	3679	3616	3563	3530	3572	
G 80.0	3139	3246	3338	3411	3451	3494	3451	3411	3338	3246	3139	3002	2844	
G 85.0	2750	2908	3024	3106	3152	3205	3152	3106	3024	2908	2750	2523	2192	
G 90.0	2430	2616	2749	2845	2897	2945	2897	2845	2749	2616	2430	2142	1684	

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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	12094	12094	12094	12094	12094	12094	12094	12094	12094	12094
G 5.0	11838	12017	11838	11672	11521	11396	11291	11209	11149	11120
G 10.0	11534	11880	11534	11224	10959	10742	10564	10424	10328	10281
G 15.0	11194	11699	11194	10760	10400	10111	9885	9717	9604	9545
G 20.0	10819	11475	10819	10272	9835	9499	9242	9056	8939	8878
G 25.0	10397	11198	10397	9755	9265	8899	8633	8446	8325	8265
G 30.0	9949	10892	9949	9226	8698	8316	8046	7863	7751	7698
G 35.0	9469	10536	9469	8680	8123	7738	7476	7306	7209	7166
G 40.0	8968	10168	8968	8118	7547	7175	6932	6779	6698	6664
G 45.0	8436	9760	8436	7545	6973	6612	6395	6274	6211	6185
G 50.0	7867	9327	7867	6943	6391	6066	5880	5782	5740	5727
G 55.0	7267	8850	7267	6335	5818	5531	5381	5316	5295	5292
G 60.0	6606	8283	6606	5690	5229	5008	4904	4863	4865	4876
G 65.0	5863	7632	5863	5014	4653	4498	4446	4445	4463	4481
G 70.0	5021	6804	5021	4302	4079	4018	4019	4046	4083	4109
G 75.0	4056	5685	4056	3572	3530	3563	3616	3679	3735	3769
G 80.0	2997	4177	2997	2844	3002	3139	3246	3338	3411	3451
G 85.0	1960	2182	1960	2192	2523	2750	2908	3024	3106	3152
G 90.0	1270	1304	1270	1684	2142	2430	2616	2749	2845	2897