

Luminaire

Code 90483L150-50

Name TTP 50 LINE L1460 TUP 840 END HO

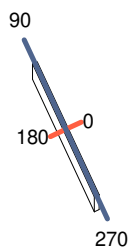
Measurem.

Code 4/7/2023

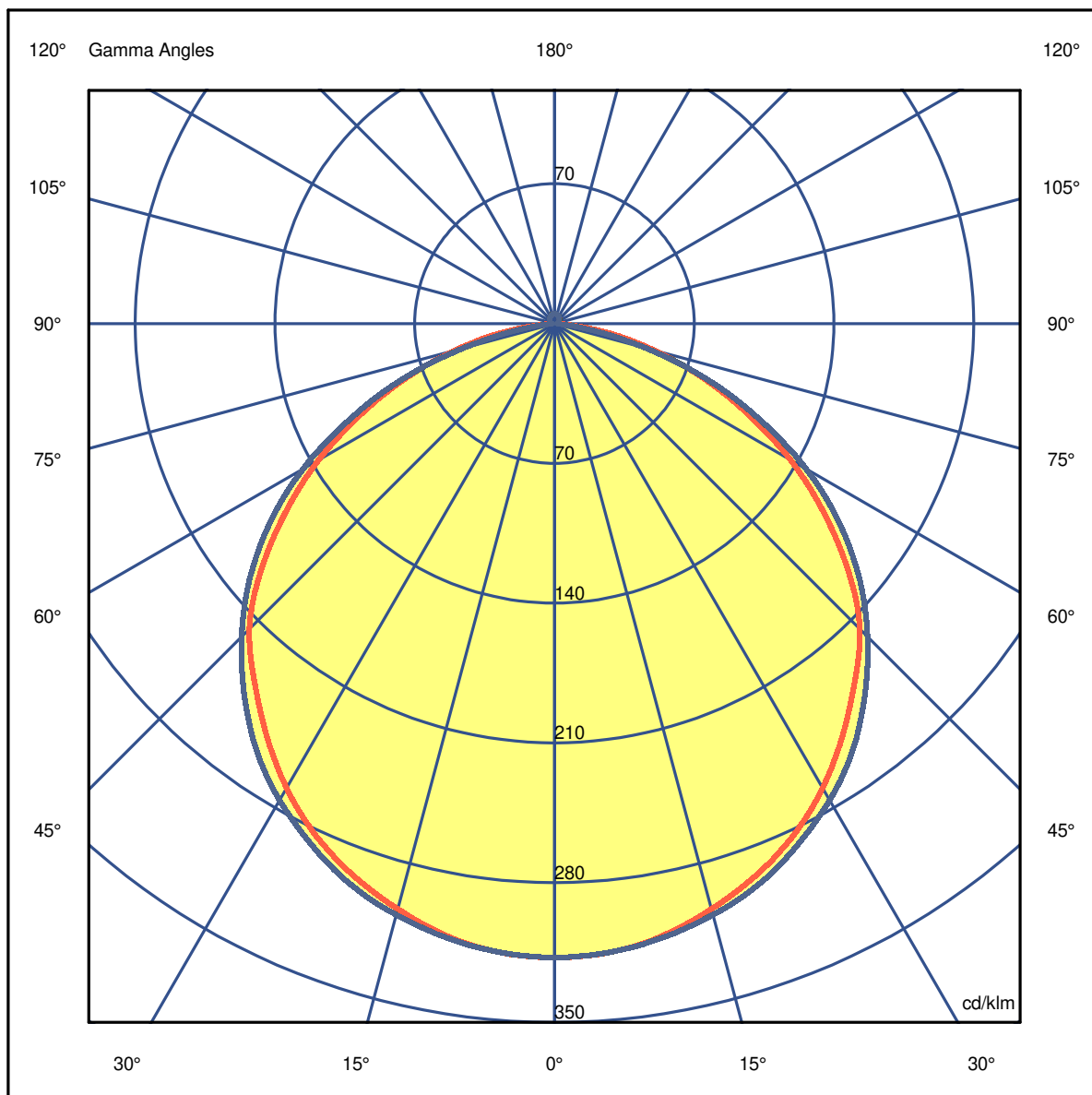
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Luminaire Flux	9914 lm	Luminaire Power	62.9 W	Efficacy	157.643 lm/W	Efficiency	91.63%
Source Flux	10820 lm	Maximum value	317.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1460mm x 50mm



C Halfplanes



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Measur.

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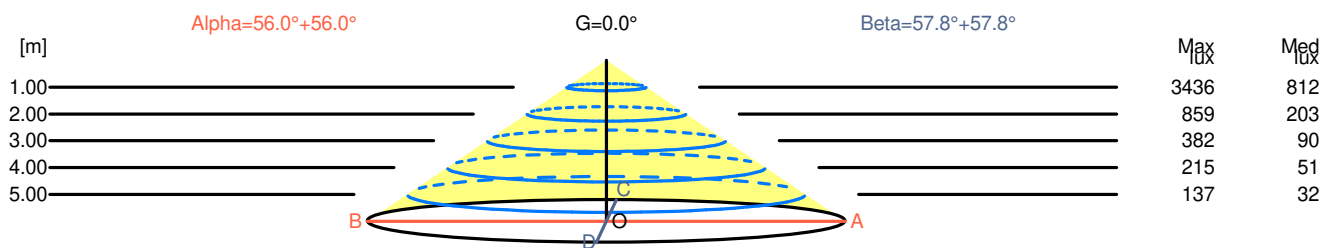
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Width at 50.00 % of Max Intensity


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	1.48	2.97	4.45	5.94	7.42	OC	1.59	3.17	4.76	6.34	7.93
OB	1.48	2.97	4.45	5.94	7.42	OD	1.59	3.17	4.76	6.34	7.93

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	3436.43	3420.20	3283.87	3060.98	2722.31	2339.28	1779.89	1152.33	558.31	86.56
OB	3436.43	3420.20	3283.87	3060.98	2722.31	2339.28	1779.89	1152.33	558.31	86.56
OC	3436.43	3419.12	3316.33	3116.16	2818.61	2398.79	1884.84	1225.91	509.62	34.62
OD	3436.43	3419.12	3316.33	3116.16	2818.61	2398.79	1884.84	1225.91	509.62	34.62



H[m]	D[m]	Max lux	Med lux	Alpha=56.0°+56.0°	G=0.0	
1.00	2.97	3436	812			
2.00	5.94	859	203			
3.00	8.91	382	90			
4.00	11.88	215	51			
5.00	14.84	137	32			

H[m]	D[m]	Max lux	Med lux	Beta=57.8°+57.8°	G=0.0	
1.00	3.17	3436	812			
2.00	6.34	859	203			
3.00	9.52	382	90			
4.00	12.69	215	51			
5.00	15.86	137	32			

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Source Flux	10820 lm	Maximum value	317.60 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	22.7	24.0	23.0	24.2	24.5	24.4	25.7	24.8	26.0	26.3
x=2H y=3H	23.6	24.8	24.0	25.1	25.4	25.7	26.9	26.1	27.2	27.5
x=2H y=4H	23.9	25.0	24.2	25.3	25.6	26.1	27.2	26.5	27.5	27.8
x=2H y=6H	24.0	25.0	24.4	25.3	25.7	26.3	27.3	26.6	27.6	28.0
x=2H y=8H	24.0	25.0	24.4	25.3	25.7	26.3	27.2	26.7	27.6	28.0
x=2H y=12H	24.0	24.9	24.4	25.2	25.6	26.2	27.2	26.6	27.5	27.9
x=4H y=2H	23.3	24.4	23.7	24.7	25.0	24.8	25.8	25.1	26.2	26.5
x=4H y=3H	24.3	25.3	24.7	25.6	26.0	26.1	27.1	26.5	27.4	27.8
x=4H y=4H	24.7	25.5	25.1	25.9	26.3	26.6	27.4	27.0	27.8	28.2
x=4H y=6H	24.9	25.6	25.3	26.0	26.4	26.8	27.5	27.3	28.0	28.4
x=4H y=8H	24.9	25.5	25.3	26.0	26.4	26.8	27.5	27.3	27.9	28.4
x=4H y=12H	24.9	25.5	25.3	25.9	26.4	26.8	27.4	27.3	27.9	28.3
x=8H y=4H	24.9	25.5	25.3	25.9	26.4	26.6	27.3	27.1	27.7	28.2
x=8H y=6H	25.1	25.6	25.6	26.1	26.6	26.9	27.4	27.4	27.9	28.4
x=8H y=8H	25.1	25.6	25.6	26.1	26.6	27.0	27.4	27.5	27.9	28.4
x=8H y=12H	25.1	25.5	25.7	26.0	26.6	26.9	27.3	27.5	27.9	28.4
x=12H y=4H	24.8	25.4	25.3	25.9	26.4	26.6	27.2	27.1	27.6	28.1
x=12H y=6H	25.1	25.6	25.6	26.0	26.6	26.9	27.4	27.4	27.8	28.4
x=12H y=8H	25.1	25.5	25.7	26.0	26.6	26.9	27.3	27.5	27.8	28.4

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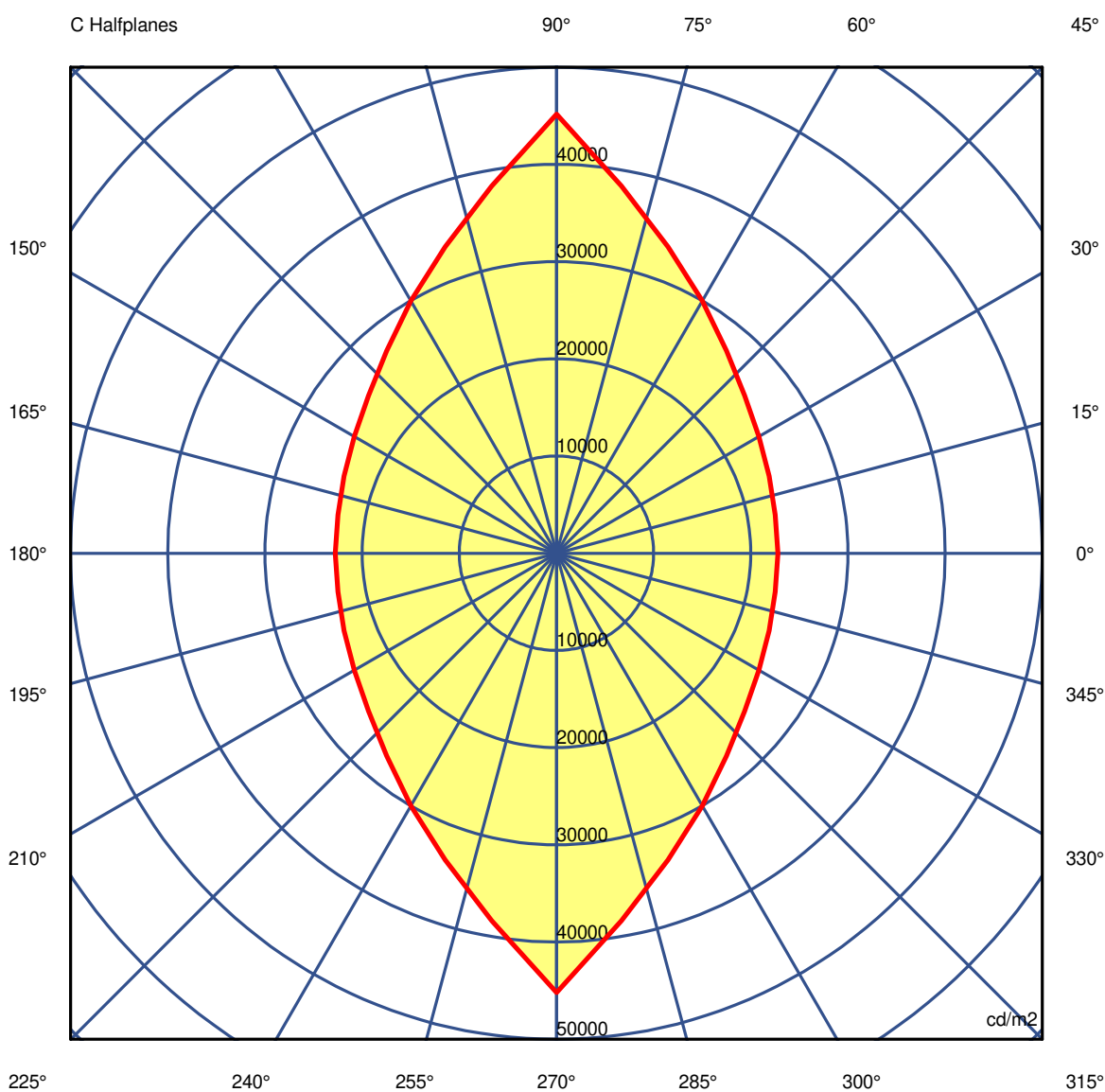
Measurem.

Code 4/7/2023

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Luminaire Flux	9914 lm	Luminaire Power	62.9 W	Efficacy	157.643 lm/W	Efficiency	91.63%
Source Flux	10820 lm	Maximum value	317.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Measurement

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Luminaire Flux	9914 lm		Luminaire Power		62.9 W		Efficacy		157.643 lm/W		Efficiency		91.63%	
Source Flux	10820 lm		Maximum value		317.60 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	47334	47334	47334	47334	47334	47334	47334	47334	47334	47334	47334	47334	47334	
G 5.0	43486	43490	43644	43912	44222	44658	45210	45767	46400	47133	46400	45767	45210	
G 10.0	40049	40129	40358	40762	41403	42222	43182	44302	45569	46962	45569	44302	43182	
G 15.0	36932	37016	37358	37954	38791	39939	41371	42956	44790	46859	44790	42956	41371	
G 20.0	34221	34319	34704	35381	36372	37765	39542	41588	43990	46819	43990	41588	39542	
G 25.0	31727	31829	32268	33032	34126	35663	37740	40201	43123	46611	43123	40201	37740	
G 30.0	29294	29434	29952	30807	31934	33603	35910	38715	42181	46504	42181	38715	35910	
G 35.0	26924	27046	27586	28531	29820	31589	33999	37175	41204	46279	41204	37175	33999	
G 40.0	24754	24880	25351	26192	27616	29511	31986	35420	39920	45741	39920	35420	31986	
G 45.0	22784	22856	23274	24051	25262	27212	30007	33555	38373	45172	38373	33555	30007	
G 50.0	20300	20435	20994	21914	23070	24839	27486	31094	36405	44432	36405	31094	27486	
G 55.0	17603	17762	18293	19280	20760	22475	24672	28318	34106	43142	34106	28318	24672	
G 60.0	14881	15030	15437	16248	17698	19546	21807	25131	30847	40928	30847	25131	21807	
G 65.0	11944	11938	12251	12953	14145	16087	18654	21529	26676	37207	26676	21529	18654	
G 70.0	9151	9213	9481	9982	10555	12032	14373	16572	21067	32205	21067	16572	14373	
G 75.0	6279	6325	6532	6956	7662	8546	9690	11607	15361	24033	15361	11607	9690	
G 80.0	3628	3623	3749	4013	4391	4872	5551	6700	8745	13858	8745	6700	5551	
G 85.0	1101	1137	1176	1248	1495	1897	2351	2692	3013	3927	3013	2692	2351	
G 90.0	373	376	392	422	458	535	675	841	1201	5194	1201	841	675	

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Source Flux	10820 lm		Maximum value		317.60 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	47334	47334	47334	47334	47334	47334	47334	47334	47334	47334	47334	47334	47334	
G 5.0	44658	44222	43912	43644	43490	43486	43490	43644	43912	44222	44658	45210	45767	
G 10.0	42222	41403	40762	40358	40129	40049	40129	40358	40762	41403	42222	43182	44302	
G 15.0	39939	38791	37954	37358	37016	36932	37016	37358	37954	38791	39939	41371	42956	
G 20.0	37765	36372	35381	34704	34319	34221	34319	34704	35381	36372	37765	39542	41588	
G 25.0	35663	34126	33032	32268	31829	31727	31829	32268	33032	34126	35663	37740	40201	
G 30.0	33603	31934	30807	29952	29434	29294	29434	29952	30807	31934	33603	35910	38715	
G 35.0	31589	29820	28531	27586	27046	26924	27046	27586	28531	29820	31589	33999	37175	
G 40.0	29511	27616	26192	25351	24880	24754	24880	25351	26192	27616	29511	31986	35420	
G 45.0	27212	25262	24051	23274	22856	22784	22856	23274	24051	25262	27212	30007	33555	
G 50.0	24839	23070	21914	20994	20435	20300	20435	20994	21914	23070	24839	27486	31094	
G 55.0	22475	20760	19280	18293	17762	17603	17762	18293	19280	20760	22475	24672	28318	
G 60.0	19546	17698	16248	15437	15030	14881	15030	15437	16248	17698	19546	21807	25131	
G 65.0	16087	14145	12953	12251	11938	11944	11938	12251	12953	14145	16087	18654	21529	
G 70.0	12032	10555	9982	9481	9213	9151	9213	9481	9982	10555	12032	14373	16572	
G 75.0	8546	7662	6956	6532	6325	6279	6325	6532	6956	7662	8546	9690	11607	
G 80.0	4872	4391	4013	3749	3623	3628	3623	3749	4013	4391	4872	5551	6700	
G 85.0	1897	1495	1248	1176	1137	1101	1137	1176	1248	1495	1897	2351	2692	
G 90.0	535	458	422	392	376	373	376	392	422	458	535	675	841	

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Source Flux	10820 lm	Maximum value	317.60 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	47334	47334	47334	47334	47334	47334	47334	47334	47334	47334
G 5.0	46400	47133	46400	45767	45210	44658	44222	43912	43644	43490
G 10.0	45569	46962	45569	44302	43182	42222	41403	40762	40358	40129
G 15.0	44790	46859	44790	42956	41371	39939	38791	37954	37358	37016
G 20.0	43990	46819	43990	41588	39542	37765	36372	35381	34704	34319
G 25.0	43123	46611	43123	40201	37740	35663	34126	33032	32268	31829
G 30.0	42181	46504	42181	38715	35910	33603	31934	30807	29952	29434
G 35.0	41204	46279	41204	37175	33999	31589	29820	28531	27586	27046
G 40.0	39920	45741	39920	35420	31986	29511	27616	26192	25351	24880
G 45.0	38373	45172	38373	33555	30007	27212	25262	24051	23274	22856
G 50.0	36405	44432	36405	31094	27486	24839	23070	21914	20994	20435
G 55.0	34106	43142	34106	28318	24672	22475	20760	19280	18293	17762
G 60.0	30847	40928	30847	25131	21807	19546	17698	16248	15437	15030
G 65.0	26676	37207	26676	21529	18654	16087	14145	12953	12251	11938
G 70.0	21067	32205	21067	16572	14373	12032	10555	9982	9481	9213
G 75.0	15361	24033	15361	11607	9690	8546	7662	6956	6532	6325
G 80.0	8745	13858	8745	6700	5551	4872	4391	4013	3749	3623
G 85.0	3013	3927	3013	2692	2351	1897	1495	1248	1176	1137
G 90.0	1201	5194	1201	841	675	535	458	422	392	376