

Luminaire

Code 90482L090-50

Name TTP 50 LINE L0900 TOP 840 END HO

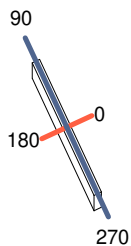
Measurem.

Code 4/7/2023

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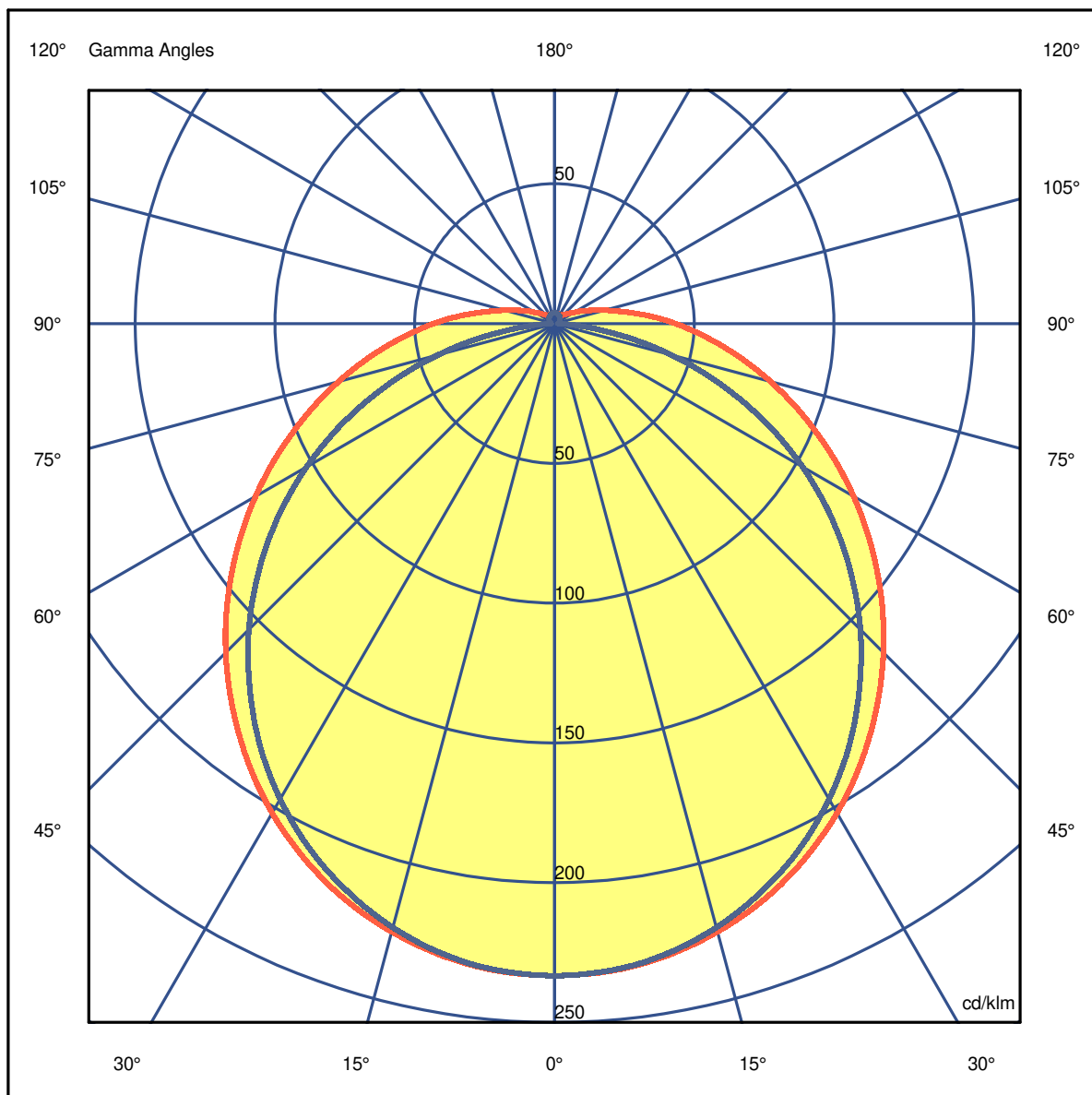
Luminaire Flux	5106 lm	Luminaire Power	39.8 W	Efficacy	128.385 lm/W	Efficiency	78.65%
Source Flux	6492 lm	Maximum value	233.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

900mm x 50mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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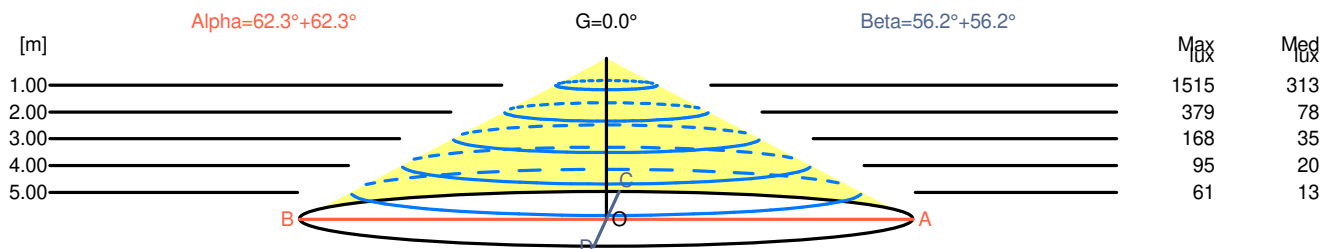
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Width at 50.00 % of Max Intensity

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	1.91	3.81	5.72	7.62	9.53	OC	1.49	2.98	4.48	5.97	7.46
OB	1.91	3.81	5.72	7.62	9.53	OD	1.49	2.98	4.48	5.97	7.46

	0	5	15	25	35	45	55	65	75	85
OA	1514.58	1508.74	1462.00	1372.41	1241.92	1080.27	897.19	705.03	519.36	352.52
OB	1514.58	1508.74	1462.00	1372.41	1241.92	1080.27	897.19	705.03	519.36	352.52
OC	1514.58	1507.44	1451.61	1345.79	1193.88	1004.31	784.88	539.49	280.45	56.48
OD	1514.58	1507.44	1451.61	1345.79	1193.88	1004.31	784.88	539.49	280.45	56.48



H[m]	D[m]	Max lux	Med lux	Alpha=62.3°+62.3°	G=0.0	
1.00	3.81	1515	313			
2.00	7.62	379	78			
3.00	11.44	168	35			
4.00	15.25	95	20			
5.00	19.06	61	13			

H[m]	D[m]	Max lux	Med lux	Beta=56.2°+56.2°	G=0.0	
1.00	2.98	1515	313			
2.00	5.97	379	78			
3.00	8.95	168	35			
4.00	11.94	95	20			
5.00	14.92	61	13			

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Source Flux	6492 lm	Maximum value	233.30 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	21.7	23.1	22.1	23.4	23.7	22.5	23.9	22.9	24.2	24.6
x=2H y=3H	23.3	24.5	23.7	24.9	25.3	24.0	25.2	24.4	25.6	26.0
x=2H y=4H	24.0	25.1	24.4	25.5	26.0	24.6	25.7	25.0	26.1	26.5
x=2H y=6H	24.7	25.7	25.1	26.1	26.6	24.9	26.0	25.4	26.4	26.8
x=2H y=8H	24.9	26.0	25.4	26.4	26.9	25.0	26.0	25.5	26.4	26.9
x=2H y=12H	25.2	26.2	25.7	26.6	27.1	25.0	26.0	25.5	26.4	26.9
x=4H y=2H	22.3	23.5	22.8	23.9	24.3	23.0	24.1	23.4	24.5	24.9
x=4H y=3H	24.1	25.1	24.6	25.5	26.0	24.6	25.6	25.1	26.0	26.5
x=4H y=4H	25.0	25.9	25.5	26.3	26.8	25.3	26.1	25.8	26.6	27.1
x=4H y=6H	25.8	26.5	26.3	27.0	27.6	25.7	26.5	26.2	27.0	27.5
x=4H y=8H	26.2	26.9	26.7	27.4	27.9	25.8	26.6	26.4	27.1	27.6
x=4H y=12H	26.5	27.1	27.0	27.7	28.2	25.9	26.6	26.5	27.1	27.7
x=8H y=4H	25.3	26.0	25.8	26.5	27.0	25.5	26.2	26.0	26.7	27.3
x=8H y=6H	26.2	26.8	26.8	27.4	27.9	26.1	26.7	26.6	27.2	27.8
x=8H y=8H	26.7	27.2	27.3	27.8	28.4	26.3	26.8	26.8	27.4	28.0
x=8H y=12H	27.2	27.7	27.8	28.2	28.9	26.4	26.9	27.0	27.4	28.1
x=12H y=4H	25.3	25.9	25.8	26.4	27.0	25.5	26.2	26.1	26.7	27.3
x=12H y=6H	26.3	26.8	26.9	27.4	28.0	26.2	26.7	26.7	27.2	27.8
x=12H y=8H	26.9	27.3	27.4	27.9	28.5	26.4	26.9	27.0	27.4	28.1

Luminaire

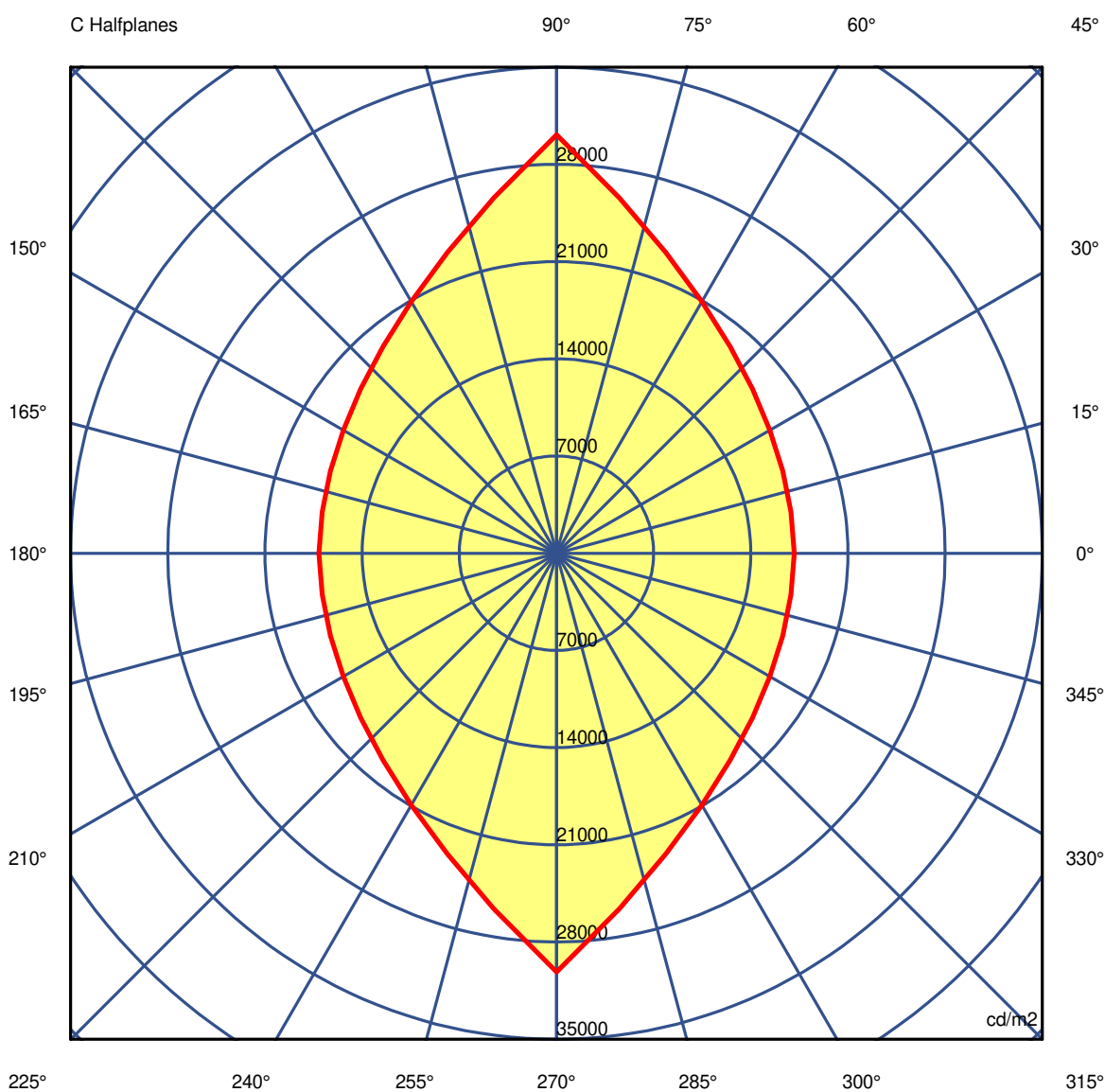
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Luminaire Flux	5106 lm	Luminaire Power	39.8 W	Efficacy	128.385 lm/W	Efficiency	78.65%
Source Flux	6492 lm	Maximum value	233.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Measur.

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Source Flux	6492 lm		Maximum value		233.30 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	33959	33959	33959	33959	33959	33959	33959	33959	33959	33959	33959	33959	33959	
G 5.0	31226	31239	31329	31494	31721	32022	32389	32810	33273	33763	33273	32810	32389	
G 10.0	28862	28886	29040	29315	29705	30229	30889	31664	32544	33516	32544	31664	30889	
G 15.0	26765	26796	26991	27341	27863	28562	29443	30512	31767	33197	31767	30512	29443	
G 20.0	24894	24907	25124	25536	26136	26955	28020	29342	30944	32835	30944	29342	28020	
G 25.0	23155	23168	23397	23838	24497	25416	26628	28160	30093	32446	30093	28160	26628	
G 30.0	21535	21547	21782	22238	22931	23917	25249	26977	29190	31976	29190	26977	25249	
G 35.0	19994	20012	20246	20698	21409	22434	23841	25720	28206	31444	28206	25720	23841	
G 40.0	18525	18541	18766	19206	19921	20959	22407	24412	27143	30815	27143	24412	22407	
G 45.0	17127	17143	17343	17737	18422	19456	20937	23041	26003	30155	26003	23041	20937	
G 50.0	15767	15750	15939	16325	16951	17925	19390	21546	24708	29357	24708	21546	19390	
G 55.0	14444	14434	14589	14902	15464	16371	17773	19922	23237	28408	23237	19922	17773	
G 60.0	13171	13130	13247	13502	13963	14749	16033	18097	21488	27173	21488	18097	16033	
G 65.0	11895	11857	11938	12113	12466	13090	14164	16045	19405	25550	19405	16045	14164	
G 70.0	10687	10623	10655	10737	10939	11364	12171	13682	16773	23271	16773	13682	12171	
G 75.0	9508	9432	9421	9415	9465	9651	10096	11090	13635	20093	13635	11090	10096	
G 80.0	8368	8287	8233	8133	8030	7966	7993	8305	9873	15392	9873	8305	7993	
G 85.0	7296	7207	7104	6907	6667	6387	6042	5660	5895	8856	5895	5660	6042	
G 90.0	6303	6185	6049	5796	5440	4979	4352	3465	2733	3116	2733	3465	4352	

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Source Flux	6492 lm	Maximum value		233.30 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	33959	33959	33959	33959	33959	33959	33959	33959	33959	33959	33959	33959	33959
G 5.0	32022	31721	31494	31329	31239	31226	31239	31329	31494	31721	32022	32389	32810
G 10.0	30229	29705	29315	29040	28886	28862	28886	29040	29315	29705	30229	30889	31664
G 15.0	28562	27863	27341	26991	26796	26765	26796	26991	27341	27863	28562	29443	30512
G 20.0	26955	26136	25536	25124	24907	24894	24907	25124	25536	26136	26955	28020	29342
G 25.0	25416	24497	23838	23397	23168	23155	23168	23397	23838	24497	25416	26628	28160
G 30.0	23917	22931	22238	21782	21547	21535	21547	21782	22238	22931	23917	25249	26977
G 35.0	22434	21409	20698	20246	20012	19994	20012	20246	20698	21409	22434	23841	25720
G 40.0	20959	19921	19206	18766	18541	18525	18541	18766	19206	19921	20959	22407	24412
G 45.0	19456	18422	17737	17343	17143	17127	17143	17343	17737	18422	19456	20937	23041
G 50.0	17925	16951	16325	15939	15750	15767	15750	15939	16325	16951	17925	19390	21546
G 55.0	16371	15464	14902	14589	14434	14444	14434	14589	14902	15464	16371	17773	19922
G 60.0	14749	13963	13502	13247	13130	13171	13130	13247	13502	13963	14749	16033	18097
G 65.0	13090	12466	12113	11938	11857	11895	11857	11938	12113	12466	13090	14164	16045
G 70.0	11364	10939	10737	10655	10623	10687	10623	10655	10737	10939	11364	12171	13682
G 75.0	9651	9465	9415	9421	9432	9508	9432	9421	9415	9465	9651	10096	11090
G 80.0	7966	8030	8133	8233	8287	8368	8287	8233	8133	8030	7966	7993	8305
G 85.0	6387	6667	6907	7104	7207	7296	7207	7104	6907	6667	6387	6042	5660
G 90.0	4979	5440	5796	6049	6185	6303	6185	6049	5796	5440	4979	4352	3465

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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	33959	33959	33959	33959	33959	33959	33959	33959	33959	33959
G 5.0	33273	33763	33273	32810	32389	32022	31721	31494	31329	31239
G 10.0	32544	33516	32544	31664	30889	30229	29705	29315	29040	28886
G 15.0	31767	33197	31767	30512	29443	28562	27863	27341	26991	26796
G 20.0	30944	32835	30944	29342	28020	26955	26136	25536	25124	24907
G 25.0	30093	32446	30093	28160	26628	25416	24497	23838	23397	23168
G 30.0	29190	31976	29190	26977	25249	23917	22931	22238	21782	21547
G 35.0	28206	31444	28206	25720	23841	22434	21409	20698	20246	20012
G 40.0	27143	30815	27143	24412	22407	20959	19921	19206	18766	18541
G 45.0	26003	30155	26003	23041	20937	19456	18422	17737	17343	17143
G 50.0	24708	29357	24708	21546	19390	17925	16951	16325	15939	15750
G 55.0	23237	28408	23237	19922	17773	16371	15464	14902	14589	14434
G 60.0	21488	27173	21488	18097	16033	14749	13963	13502	13247	13130
G 65.0	19405	25550	19405	16045	14164	13090	12466	12113	11938	11857
G 70.0	16773	23271	16773	13682	12171	11364	10939	10737	10655	10623
G 75.0	13635	20093	13635	11090	10096	9651	9465	9415	9421	9432
G 80.0	9873	15392	9873	8305	7993	7966	8030	8133	8233	8287
G 85.0	5895	8856	5895	5660	6042	6387	6667	6907	7104	7207
G 90.0	2733	3116	2733	3465	4352	4979	5440	5796	6049	6185