

Luminaire

Code 90487L150-49

Name TTP 70 LINE L1675 TUP 830 SRT HO SENSOR

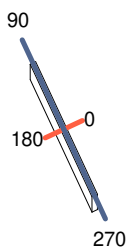
Measurem.

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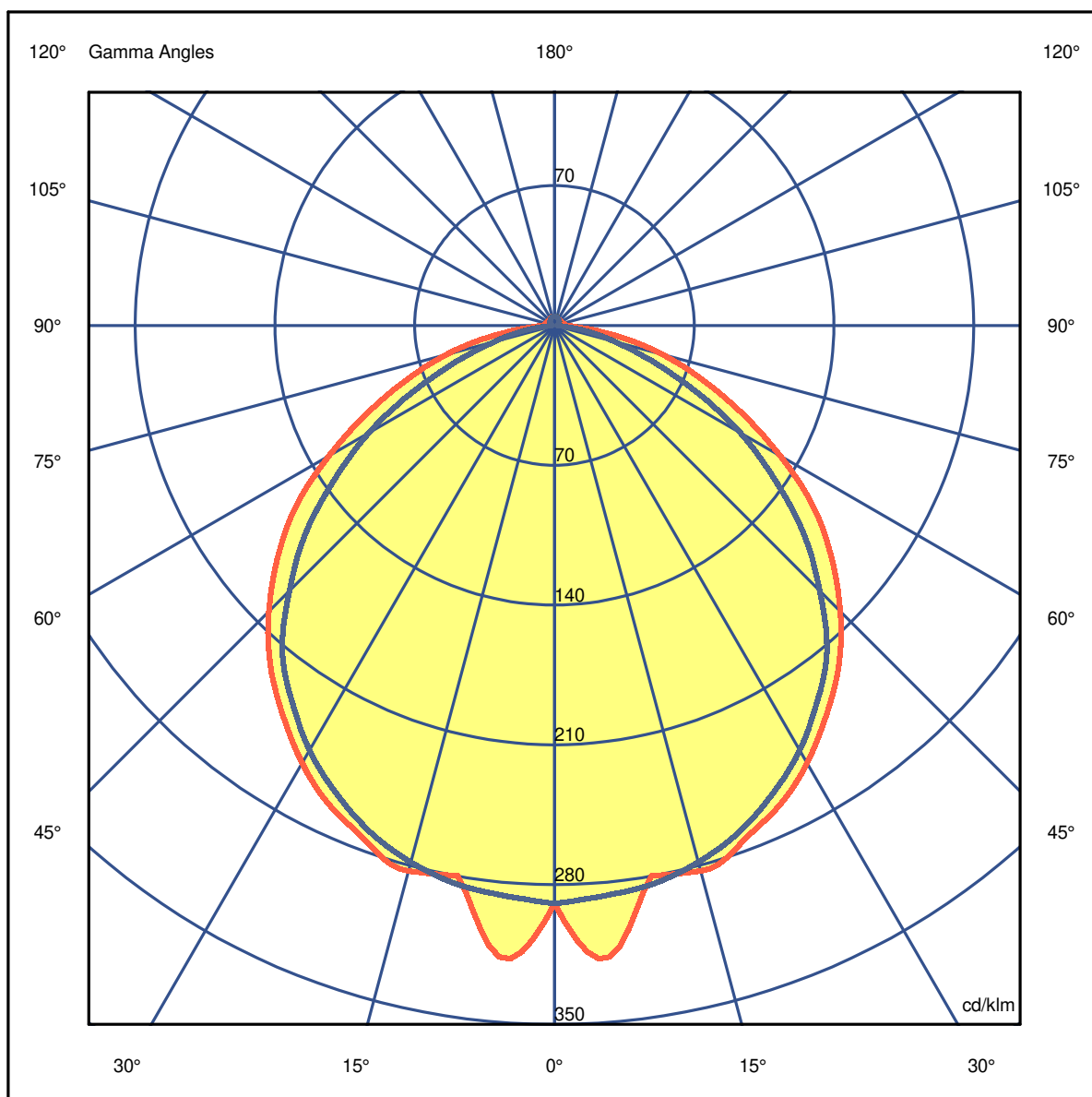
Luminaire Flux	8852 lm	Luminaire Power	62.9 W	Efficacy	140.750 lm/W	Efficiency	85.40%
Source Flux	10365 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

1675mm x 70mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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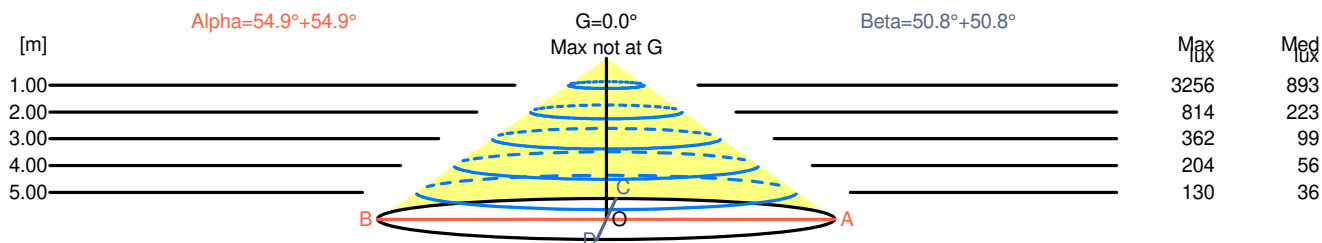
Name TTP 70 LINE L1675 TUP 830 SRT HO SENSOR

Luminaire Flux	8852 lm	Luminaire Power	62.9 W	Efficacy	140.750 lm/W	Efficiency	85.40%
Source Flux	10365 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	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	1.42	2.84	4.26	5.68	7.10	OC	1.23	2.45	3.68	4.91	6.14
OB	1.42	2.84	4.26	5.68	7.10	OD	1.23	2.45	3.68	4.91	6.14

	0	5	15	25	35	45	55	65	75	85
OA	2999.63	3289.85	2930.19	2752.94	2462.72	2097.88	1639.74	1070.70	581.48	152.37
OB	2999.63	3289.85	2930.19	2752.94	2462.72	2097.88	1639.74	1070.70	581.48	152.37
OC	2999.63	2970.61	2883.54	2680.39	2378.77	1946.55	1397.20	808.47	323.39	37.31
OD	2999.63	2970.61	2883.54	2680.39	2378.77	1946.55	1397.20	808.47	323.39	37.31



H[m]	D[m]	Max lux	Med lux	Alpha=54.9°+54.9°	G=0.0 Max not at G
1.00	2.84	3256	893		
2.00	5.68	814	223		
3.00	8.53	362	99		
4.00	11.37	204	56		
5.00	14.21	130	36		

H[m]	D[m]	Max lux	Med lux	Beta=50.8°+50.8°	G=0.0 Max not at G
1.00	2.45	3256	893		
2.00	4.91	814	223		
3.00	7.36	362	99		
4.00	9.82	204	56		
5.00	12.27	130	36		

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Luminaire Flux	8852 lm	Luminaire Power	62.9 W	Efficacy	140.750 lm/W	Efficiency	85.40%
Source Flux	10365 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	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	20.7	22.0	21.0	22.3	22.5	21.8	23.1	22.2	23.4	23.7
x=2H y=3H	21.7	22.8	22.0	23.1	23.5	22.9	24.0	23.2	24.3	24.7
x=2H y=4H	22.0	23.1	22.4	23.4	23.8	23.2	24.3	23.6	24.6	24.9
x=2H y=6H	22.2	23.2	22.6	23.6	23.9	23.3	24.3	23.7	24.7	25.0
x=2H y=8H	22.3	23.2	22.7	23.6	24.0	23.3	24.3	23.7	24.7	25.1
x=2H y=12H	22.2	23.2	22.7	23.5	23.9	23.3	24.2	23.7	24.6	25.0
x=4H y=2H	21.3	22.4	21.7	22.7	23.0	22.2	23.3	22.6	23.6	24.0
x=4H y=3H	22.4	23.4	22.8	23.7	24.1	23.4	24.3	23.8	24.7	25.1
x=4H y=4H	22.9	23.7	23.3	24.1	24.5	23.8	24.6	24.2	25.0	25.4
x=4H y=6H	23.1	23.8	23.6	24.3	24.7	24.0	24.7	24.5	25.1	25.6
x=4H y=8H	23.2	23.9	23.7	24.3	24.8	24.1	24.7	24.5	25.2	25.6
x=4H y=12H	23.2	23.8	23.7	24.3	24.8	24.0	24.7	24.5	25.1	25.6
x=8H y=4H	23.0	23.7	23.5	24.1	24.6	23.9	24.6	24.4	25.0	25.5
x=8H y=6H	23.4	23.9	23.9	24.4	24.9	24.2	24.7	24.7	25.2	25.7
x=8H y=8H	23.5	24.0	24.0	24.5	25.0	24.3	24.7	24.8	25.2	25.8
x=8H y=12H	23.5	23.9	24.1	24.4	25.0	24.3	24.7	24.8	25.2	25.8
x=12H y=4H	23.0	23.6	23.5	24.1	24.6	23.9	24.5	24.4	25.0	25.4
x=12H y=6H	23.4	23.9	23.9	24.4	24.9	24.2	24.7	24.7	25.2	25.7
x=12H y=8H	23.5	23.9	24.0	24.4	25.0	24.3	24.7	24.8	25.2	25.8

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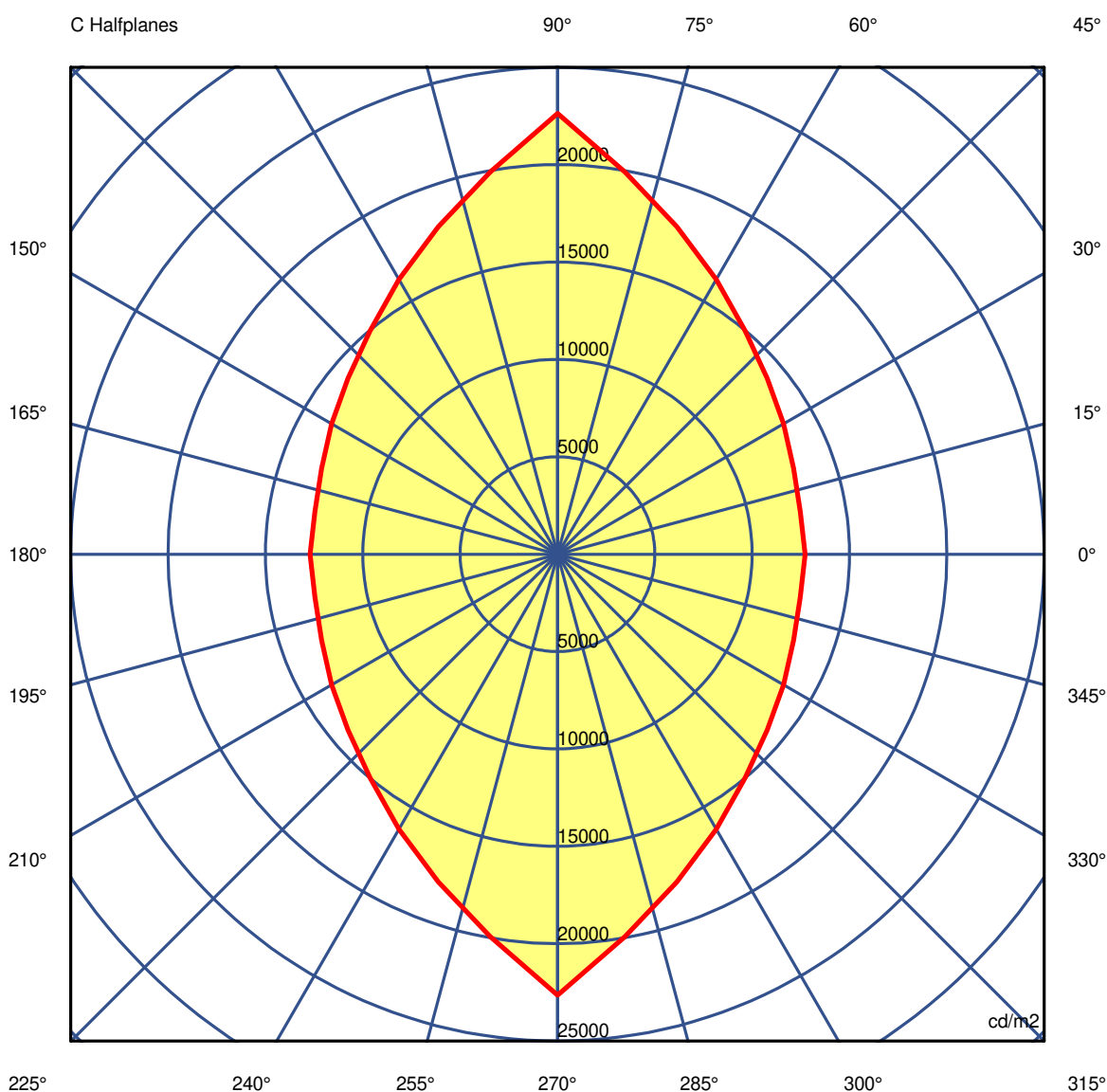
Measurem.

Code 3/7/2023

Name TTP 70 LINE L1675 TUP 830 SRT HO SENSOR

Luminaire Flux	8852 lm	Luminaire Power	62.9 W	Efficacy	140.750 lm/W	Efficiency	85.40%
Source Flux	10365 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	CG Double Symmetrical	

Luminance



Luminaire

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Name TTP 70 LINE L1675 TUP 830 SRT HO SENSOR

Luminaire Flux		8852 lm		Luminaire Power		62.9 W		Efficacy		140.750 lm/W		Efficiency		85.40%	
Source Flux		10365 lm		Maximum value		317.40 cd/klm		Position		C=0.00 G=5.00		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	25706	25706	25706	25706	25706	25706	25706	25706	25706	25706	25706	25706	25706	25706	25706
G 5.0	26024	25780	25838	26147	26397	26394	26095	25644	25406	25461	25406	25644	26095	26095	26095
G 10.0	21454	21303	21379	21738	22455	23922	25569	26107	25886	25418	25886	26107	25569	25569	25569
G 15.0	20503	20362	20418	20581	20704	21048	22392	25166	26463	25298	26463	25166	22392	22392	22392
G 20.0	19065	18973	19070	19365	19903	20410	20871	23808	25738	25138	25738	23808	20871	20871	20871
G 25.0	17753	17733	17921	18303	18832	19474	20407	22139	23762	24858	23762	22139	20407	20407	20407
G 30.0	16445	16348	16499	16944	17689	18619	19571	20509	22075	24594	22075	20509	19571	19571	19571
G 35.0	15154	15024	15278	15853	16509	17393	18438	19431	21181	24175	21181	19431	18438	18438	18438
G 40.0	13972	13914	14122	14591	15296	16320	17600	18864	20854	23779	20854	18864	17600	17600	17600
G 45.0	12713	12655	12900	13407	14048	14985	16295	17904	19931	22640	19931	17904	16295	16295	16295
G 50.0	11424	11377	11579	12058	12806	13800	15022	16513	18543	21504	18543	16513	15022	15022	15022
G 55.0	10090	10054	10241	10651	11302	12163	13268	14990	17105	19694	17105	14990	13268	13268	13268
G 60.0	8492	8459	8700	9147	9635	10442	11714	13292	15183	17786	15183	13292	11714	11714	11714
G 65.0	6905	6898	7117	7524	8003	8669	9638	10934	12592	15040	12592	10934	9638	9638	9638
G 70.0	5419	5407	5591	5924	6272	6751	7496	8569	9947	12038	9947	8569	7496	7496	7496
G 75.0	4069	4050	4132	4307	4559	4919	5419	6096	7138	9257	7138	6096	5419	5419	5419
G 80.0	2592	2577	2638	2782	3005	3257	3506	3795	4451	6486	4451	3795	3506	3506	3506
G 85.0	1205	1195	1231	1308	1416	1610	1929	2143	2274	2479	2274	2143	1929	1929	1929
G 90.0	595	600	626	681	772	900	1043	1157	1308	2538	1308	1157	1043	1043	1043

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Luminaire Flux	8852 lm		Luminaire Power		62.9 W		Efficacy		140.750 lm/W		Efficiency		85.40%	
Source Flux	10365 lm		Maximum value		317.40 cd/klm		Position		C=0.00 G=5.00		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	25706	25706	25706	25706	25706	25706	25706	25706	25706	25706	25706	25706	25706	
G 5.0	26394	26397	26147	25838	25780	26024	25780	25838	26147	26397	26394	26095	25644	
G 10.0	23922	22455	21738	21379	21303	21454	21303	21379	21738	22455	23922	25569	26107	
G 15.0	21048	20704	20581	20418	20362	20503	20362	20418	20581	20704	21048	22392	25166	
G 20.0	20410	19903	19365	19070	18973	19065	18973	19070	19365	19903	20410	20871	23808	
G 25.0	19474	18832	18303	17921	17733	17753	17733	17921	18303	18832	19474	20407	22139	
G 30.0	18619	17689	16944	16499	16348	16445	16348	16499	16944	17689	18619	19571	20509	
G 35.0	17393	16509	15853	15278	15024	15154	15024	15278	15853	16509	17393	18438	19431	
G 40.0	16320	15296	14591	14122	13914	13972	13914	14122	14591	15296	16320	17600	18864	
G 45.0	14985	14048	13407	12900	12655	12713	12655	12900	13407	14048	14985	16295	17904	
G 50.0	13800	12806	12058	11579	11377	11424	11377	11579	12058	12806	13800	15022	16513	
G 55.0	12163	11302	10651	10241	10054	10090	10054	10241	10651	11302	12163	13268	14990	
G 60.0	10442	9635	9147	8700	8459	8492	8459	8700	9147	9635	10442	11714	13292	
G 65.0	8669	8003	7524	7117	6898	6905	6898	7117	7524	8003	8669	9638	10934	
G 70.0	6751	6272	5924	5591	5407	5419	5407	5591	5924	6272	6751	7496	8569	
G 75.0	4919	4559	4307	4132	4050	4069	4050	4132	4307	4559	4919	5419	6096	
G 80.0	3257	3005	2782	2638	2577	2592	2577	2638	2782	3005	3257	3506	3795	
G 85.0	1610	1416	1308	1231	1195	1205	1195	1231	1308	1416	1610	1929	2143	
G 90.0	900	772	681	626	600	595	600	626	681	772	900	1043	1157	

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Source Flux	10365 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	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	25706	25706	25706	25706	25706	25706	25706	25706	25706	25706
G 5.0	25406	25461	25406	25644	26095	26394	26397	26147	25838	25780
G 10.0	25886	25418	25886	26107	25569	23922	22455	21738	21379	21303
G 15.0	26463	25298	26463	25166	22392	21048	20704	20581	20418	20362
G 20.0	25738	25138	25738	23808	20871	20410	19903	19365	19070	18973
G 25.0	23762	24858	23762	22139	20407	19474	18832	18303	17921	17733
G 30.0	22075	24594	22075	20509	19571	18619	17689	16944	16499	16348
G 35.0	21181	24175	21181	19431	18438	17393	16509	15853	15278	15024
G 40.0	20854	23779	20854	18864	17600	16320	15296	14591	14122	13914
G 45.0	19931	22640	19931	17904	16295	14985	14048	13407	12900	12655
G 50.0	18543	21504	18543	16513	15022	13800	12806	12058	11579	11377
G 55.0	17105	19694	17105	14990	13268	12163	11302	10651	10241	10054
G 60.0	15183	17786	15183	13292	11714	10442	9635	9147	8700	8459
G 65.0	12592	15040	12592	10934	9638	8669	8003	7524	7117	6898
G 70.0	9947	12038	9947	8569	7496	6751	6272	5924	5591	5407
G 75.0	7138	9257	7138	6096	5419	4919	4559	4307	4132	4050
G 80.0	4451	6486	4451	3795	3506	3257	3005	2782	2638	2577
G 85.0	2274	2479	2274	2143	1929	1610	1416	1308	1231	1195
G 90.0	1308	2538	1308	1157	1043	900	772	681	626	600