

Luminaire

Code 90487L090-50

Name TTP 70 LINE L0900 TUP 830 END HO

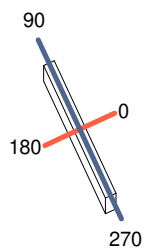
Measurem.

Code 3/7/2023

Name TTP 70 LINE L0900 TUP 830 END HO

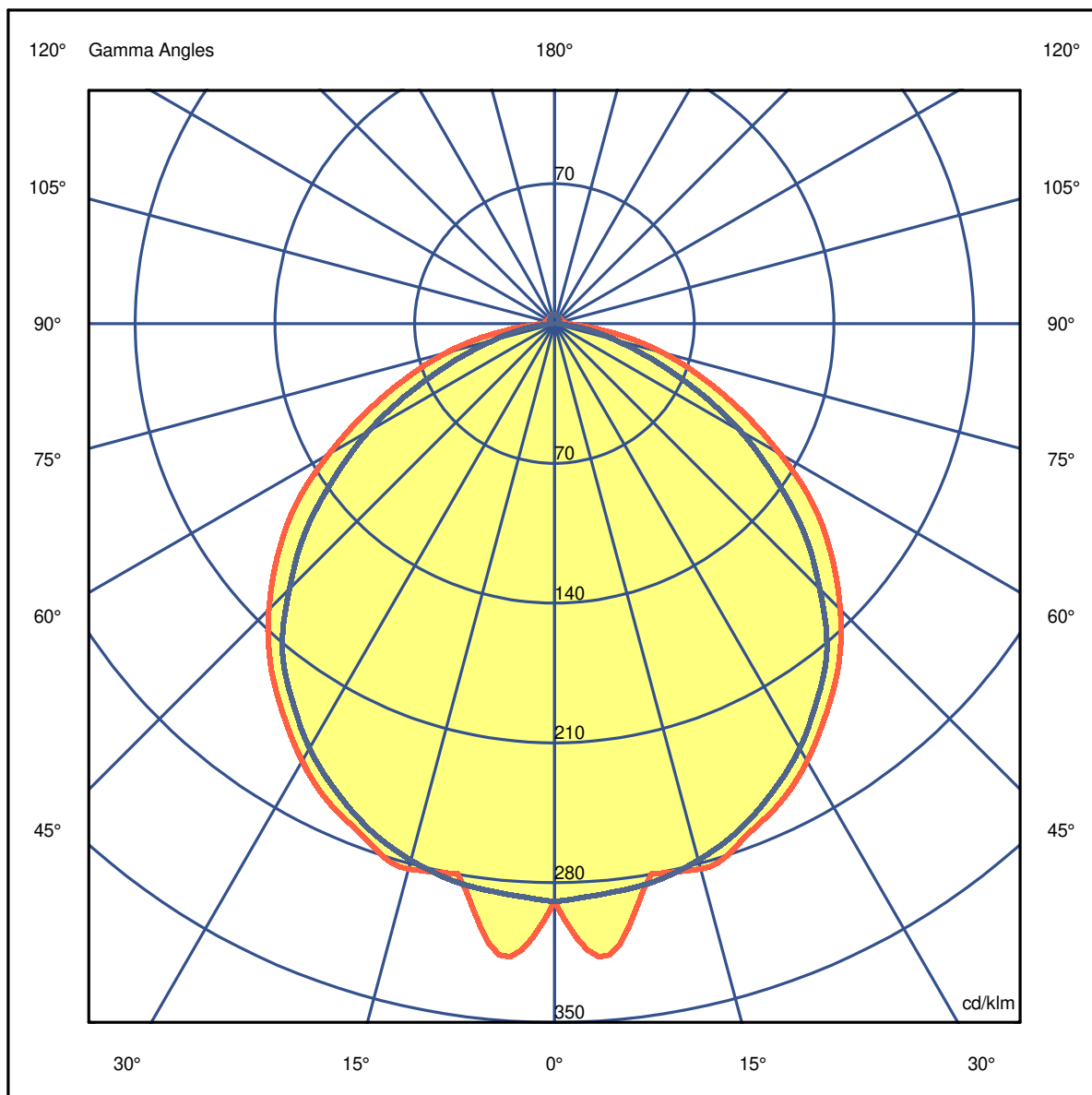
Luminaire Flux	5311 lm	Luminaire Power	39.8 W	Efficacy	133.544 lm/W	Efficiency	85.40%
Source Flux	6219 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

900mm x 70mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



Luminaire

Code 90487L090-50
Name TTP 70 LINE L0900 TUP 830 END HO

Measurem.

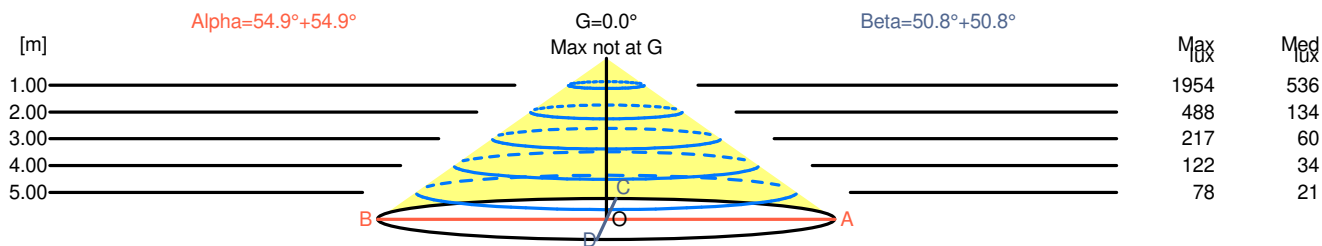
Code 3/7/2023
Name TTP 70 LINE L0900 TUP 830 END HO

Luminaire Flux	5311 lm	Luminaire Power	39.8 W	Efficacy	133.544 lm/W	Efficiency	85.40%
Source Flux	6219 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	1799.78	1973.91	1758.11	1651.77	1477.63	1258.73	983.85	642.42	348.89	91.42
OB	1799.78	1973.91	1758.11	1651.77	1477.63	1258.73	983.85	642.42	348.89	91.42
OC	1799.78	1782.37	1730.13	1608.23	1427.26	1167.93	838.32	485.08	194.03	22.39
OD	1799.78	1782.37	1730.13	1608.23	1427.26	1167.93	838.32	485.08	194.03	22.39



H[m]	D[m]	Max lux	Med lux	Alpha=54.9°+54.9°	G=0.0 Max not at G
1.00	2.84	1954	536		
2.00	5.68	488	134		
3.00	8.53	217	60		
4.00	11.37	122	34		
5.00	14.21	78	21		

H[m]	D[m]	Max lux	Med lux	Beta=50.8°+50.8°	G=0.0 Max not at G
1.00	2.45	1954	536		
2.00	4.91	488	134		
3.00	7.36	217	60		
4.00	9.82	122	34		
5.00	12.27	78	21		

Luminaire

Code 90487L090-50
Name TTP 70 LINE L0900 TUP 830 END HO

Measurem.

Code 3/7/2023
Name TTP 70 LINE L0900 TUP 830 END HO

Luminaire Flux	5311 lm	Luminaire Power	39.8 W	Efficacy	133.544 lm/W	Efficiency	85.40%
Source Flux	6219 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	21.1	22.4	21.4	22.6	22.9	22.1	23.4	22.5	23.7	24.0
x=2H y=3H	22.1	23.2	22.4	23.5	23.8	23.1	24.3	23.5	24.6	24.9
x=2H y=4H	22.4	23.5	22.8	23.8	24.2	23.4	24.5	23.8	24.8	25.2
x=2H y=6H	22.6	23.6	23.0	23.9	24.3	23.6	24.6	23.9	24.9	25.3
x=2H y=8H	22.6	23.6	23.0	24.0	24.3	23.6	24.5	24.0	24.9	25.3
x=2H y=12H	22.6	23.5	23.0	23.9	24.3	23.5	24.5	23.9	24.8	25.2
x=4H y=2H	21.6	22.7	22.0	23.0	23.4	22.5	23.6	22.9	23.9	24.3
x=4H y=3H	22.8	23.7	23.2	24.1	24.5	23.7	24.6	24.1	25.0	25.4
x=4H y=4H	23.2	24.0	23.7	24.4	24.9	24.1	24.9	24.5	25.3	25.7
x=4H y=6H	23.5	24.2	24.0	24.6	25.1	24.3	25.0	24.7	25.4	25.9
x=4H y=8H	23.6	24.2	24.0	24.7	25.1	24.3	25.0	24.8	25.4	25.9
x=4H y=12H	23.6	24.2	24.1	24.6	25.1	24.3	24.9	24.8	25.3	25.8
x=8H y=4H	23.4	24.1	23.9	24.5	25.0	24.2	24.8	24.7	25.3	25.8
x=8H y=6H	23.8	24.3	24.2	24.7	25.3	24.4	25.0	24.9	25.4	25.9
x=8H y=8H	23.8	24.3	24.4	24.8	25.4	24.5	25.0	25.0	25.5	26.0
x=8H y=12H	23.9	24.3	24.4	24.8	25.4	24.5	24.9	25.1	25.4	26.0
x=12H y=4H	23.4	24.0	23.9	24.4	24.9	24.1	24.8	24.6	25.2	25.7
x=12H y=6H	23.8	24.2	24.3	24.7	25.3	24.4	24.9	25.0	25.4	26.0
x=12H y=8H	23.9	24.3	24.4	24.8	25.4	24.5	24.9	25.1	25.4	26.0

Luminaire

Code 90487L090-50

Name TTP 70 LINE L0900 TUP 830 END HO

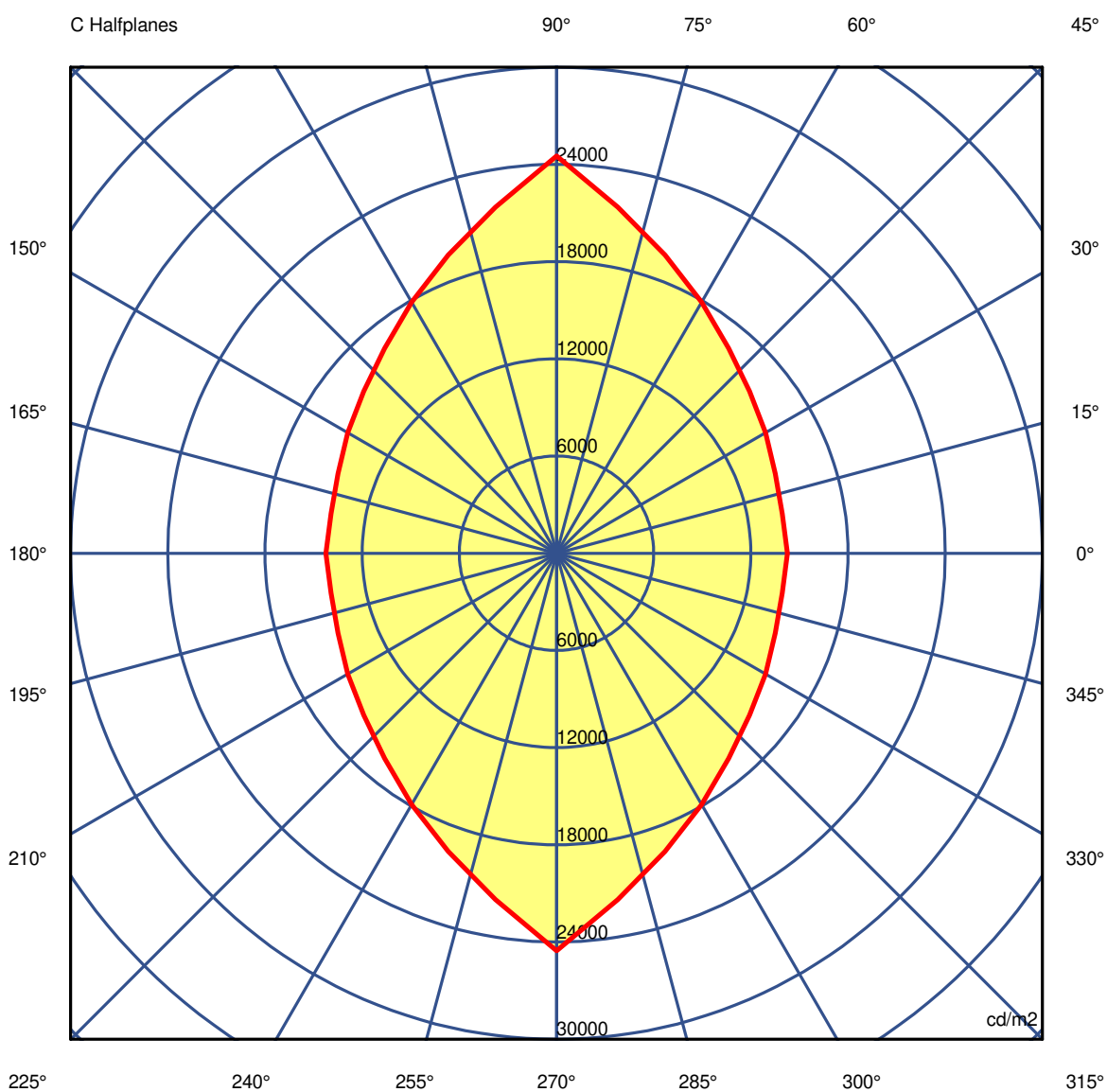
Measurement

Code 3/7/2023

Name TTP 70 LINE L0900 TUP 830 END HO

Luminaire Flux	5311 lm	Luminaire Power	39.8 W	Efficacy	133.544 lm/W	Efficiency	85.40%
Source Flux	6219 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

Luminance



45.0°

Luminaire

Code 90487L090-50

Name TTP 70 LINE L0900 TUP 830 END HO

Measurement

Code 3/7/2023

Name TTP 70 LINE L0900 TUP 830 END HO

Luminaire Flux	5311 lm			Luminaire Power		39.8 W		Efficacy		133.544 lm/W		Efficiency		85.40%	
Source Flux	6219 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	28824	28824	28824	28824	28824	28824	28824	28824	28824	28824	28824	28824	28824	28824	28824
G 5.0	29181	28893	28943	29275	29543	29527	29184	28671	28400	28459	28400	28671	29184	29184	29184
G 10.0	24056	23865	23927	24307	25087	26706	28526	29109	28849	28321	28849	29109	28526	28526	28526
G 15.0	22990	22802	22833	22987	23095	23453	24924	27986	29405	28095	29405	27986	24924	24924	24924
G 20.0	21378	21239	21311	21605	22171	22701	23180	26407	28514	27823	28514	26407	23180	23180	23180
G 25.0	19906	19844	20014	20401	20949	21622	22616	24492	26244	27416	26244	24492	22616	22616	22616
G 30.0	18439	18289	18415	18868	19652	20638	21643	22629	24304	27022	24304	22629	21643	21643	21643
G 35.0	16992	16802	17042	17637	18319	19246	20348	21383	23242	26451	23242	21383	20348	20348	20348
G 40.0	15666	15557	15743	16219	16951	18030	19381	20702	22802	25898	22802	20702	19381	19381	19381
G 45.0	14255	14146	14373	14889	15549	16526	17904	19589	21707	24528	21707	19589	17904	17904	17904
G 50.0	12810	12713	12893	13379	14156	15193	16466	18011	20107	23153	20107	18011	16466	16466	16466
G 55.0	11314	11231	11397	11807	12477	13367	14506	16292	18455	21049	18455	16292	14506	14506	14506
G 60.0	9522	9447	9676	10131	10622	11453	12773	14389	16287	18834	16287	14389	12773	12773	12773
G 65.0	7742	7701	7910	8325	8810	9489	10477	11784	13412	15735	13412	11784	10477	10477	10477
G 70.0	6077	6035	6210	6547	6893	7372	8121	9186	10502	12385	10502	9186	8121	8121	8121
G 75.0	4562	4518	4587	4755	5002	5357	5847	6492	7449	9287	7449	6492	5847	5847	5847
G 80.0	2906	2873	2925	3067	3290	3536	3764	4009	4571	6232	4571	4009	3764	3764	3764
G 85.0	1351	1332	1364	1440	1547	1741	2059	2239	2279	2169	2279	2239	2059	2059	2059
G 90.0	667	668	693	748	841	969	1105	1191	1256	1523	1256	1191	1105	1105	1105

Luminaire

Code 90487L090-50

Name TTP 70 LINE L0900 TUP 830 END HO

Measurement

Code 3/7/2023

Name TTP 70 LINE L0900 TUP 830 END HO

Luminaire Flux	5311 lm		Luminaire Power		39.8 W		Efficacy		133.544 lm/W		Efficiency		85.40%	
Source Flux	6219 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	28824	28824	28824	28824	28824	28824	28824	28824	28824	28824	28824	28824	28824	
G 5.0	29527	29543	29275	28943	28893	29181	28893	28943	29275	29543	29527	29184	28671	
G 10.0	26706	25087	24307	23927	23865	24056	23865	23927	24307	25087	26706	28526	29109	
G 15.0	23453	23095	22987	22833	22802	22990	22802	22833	22987	23095	23453	24924	27986	
G 20.0	22701	22171	21605	21311	21239	21378	21239	21311	21605	22171	22701	23180	26407	
G 25.0	21622	20949	20401	20014	19844	19906	19844	20014	20401	20949	21622	22616	24492	
G 30.0	20638	19652	18868	18415	18289	18439	18289	18415	18868	19652	20638	21643	22629	
G 35.0	19246	18319	17637	17042	16802	16992	16802	17042	17637	18319	19246	20348	21383	
G 40.0	18030	16951	16219	15743	15557	15666	15557	15743	16219	16951	18030	19381	20702	
G 45.0	16526	15549	14889	14373	14146	14255	14146	14373	14889	15549	16526	17904	19589	
G 50.0	15193	14156	13379	12893	12713	12810	12713	12893	13379	14156	15193	16466	18011	
G 55.0	13367	12477	11807	11397	11231	11314	11231	11397	11807	12477	13367	14506	16292	
G 60.0	11453	10622	10131	9676	9447	9522	9447	9676	10131	10622	11453	12773	14389	
G 65.0	9489	8810	8325	7910	7701	7742	7701	7910	8325	8810	9489	10477	11784	
G 70.0	7372	6893	6547	6210	6035	6077	6035	6210	6547	6893	7372	8121	9186	
G 75.0	5357	5002	4755	4587	4518	4562	4518	4587	4755	5002	5357	5847	6492	
G 80.0	3536	3290	3067	2925	2873	2906	2873	2925	3067	3290	3536	3764	4009	
G 85.0	1741	1547	1440	1364	1332	1351	1332	1364	1440	1547	1741	2059	2239	
G 90.0	969	841	748	693	668	667	668	693	748	841	969	1105	1191	

Luminaire

Code 90487L090-50

Name TTP 70 LINE L0900 TUP 830 END HO

Measurem.

Code 3/7/2023

Name TTP 70 LINE L0900 TUP 830 END HO

Luminaire Flux	5311 lm	Luminaire Power	39.8 W	Efficacy	133.544 lm/W	Efficiency	85.40%
Source Flux	6219 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	28824	28824	28824	28824	28824	28824	28824	28824	28824	28824
G 5.0	28400	28459	28400	28671	29184	29527	29543	29275	28943	28893
G 10.0	28849	28321	28849	29109	28526	26706	25087	24307	23927	23865
G 15.0	29405	28095	29405	27986	24924	23453	23095	22987	22833	22802
G 20.0	28514	27823	28514	26407	23180	22701	22171	21605	21311	21239
G 25.0	26244	27416	26244	24492	22616	21622	20949	20401	20014	19844
G 30.0	24304	27022	24304	22629	21643	20638	19652	18868	18415	18289
G 35.0	23242	26451	23242	21383	20348	19246	18319	17637	17042	16802
G 40.0	22802	25898	22802	20702	19381	18030	16951	16219	15743	15557
G 45.0	21707	24528	21707	19589	17904	16526	15549	14889	14373	14146
G 50.0	20107	23153	20107	18011	16466	15193	14156	13379	12893	12713
G 55.0	18455	21049	18455	16292	14506	13367	12477	11807	11397	11231
G 60.0	16287	18834	16287	14389	12773	11453	10622	10131	9676	9447
G 65.0	13412	15735	13412	11784	10477	9489	8810	8325	7910	7701
G 70.0	10502	12385	10502	9186	8121	7372	6893	6547	6210	6035
G 75.0	7449	9287	7449	6492	5847	5357	5002	4755	4587	4518
G 80.0	4571	6232	4571	4009	3764	3536	3290	3067	2925	2873
G 85.0	2279	2169	2279	2239	2059	1741	1547	1440	1364	1332
G 90.0	1256	1523	1256	1191	1105	969	841	748	693	668