

Luminaire

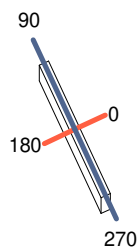
Code 90474L090
Name TTP 70 L1030 TOP 830 HO SENSOR

Measur.

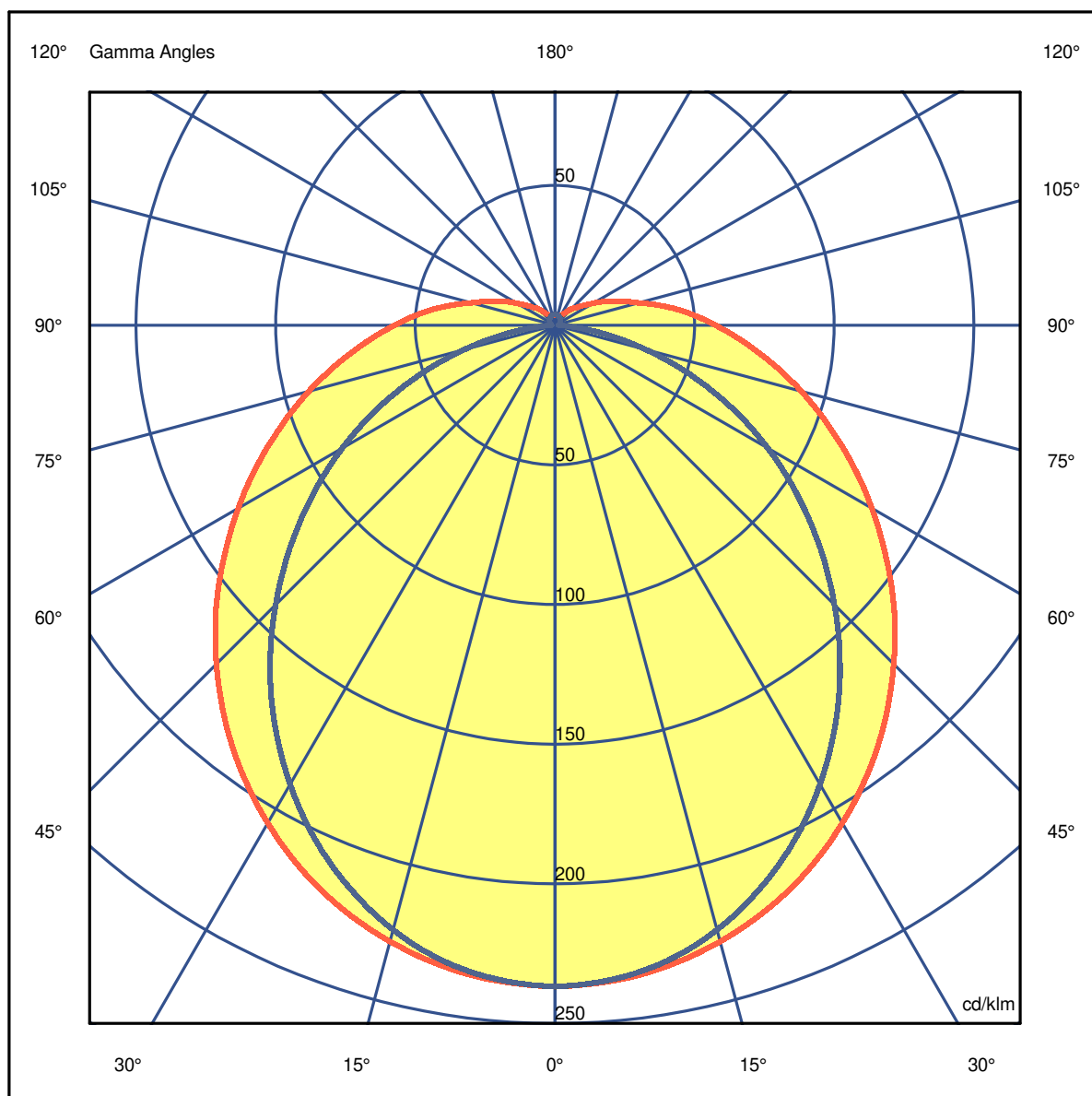
Code 3/7/2023
Name TTP 70 L1030 TOP 830 HO SENSOR

Luminaire Flux	5054 lm	Luminaire Power	39.8 W	Efficacy	127.077 lm/W	Efficiency	81.26%
Source Flux	6219 lm	Maximum value	236.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1030mm x 70mm



C Halfplanes



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Measurem.

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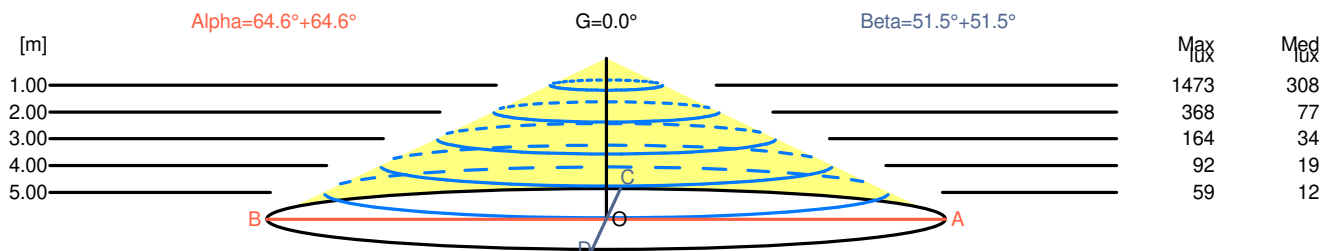
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Width at 50.00 % of Max Intensity

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	2.11	4.22	6.33	8.44	10.55	OC	1.26	2.52	3.78	5.04	6.30
OB	2.11	4.22	6.33	8.44	10.55	OD	1.26	2.52	3.78	5.04	6.30

	0	5	15	25	35	45	55	65	75	85
OA	1472.66	1465.20	1420.42	1336.46	1215.81	1066.56	899.89	730.11	567.79	421.03
OB	1472.66	1465.20	1420.42	1336.46	1215.81	1066.56	899.89	730.11	567.79	421.03
OC	1472.66	1462.09	1393.68	1263.70	1087.70	879.99	659.21	433.46	210.20	36.07
OD	1472.66	1462.09	1393.68	1263.70	1087.70	879.99	659.21	433.46	210.20	36.07



H[m]	D[m]	Max lux	Med lux	Alpha=64.6°+64.6°	G=0.0
1.00	4.22	1473	308		
2.00	8.44	368	77		
3.00	12.65	164	34		
4.00	16.87	92	19		
5.00	21.09	59	12		

H[m]	D[m]	Max lux	Med lux	Beta=51.5°+51.5°	G=0.0
1.00	2.52	1473	308		
2.00	5.04	368	77		
3.00	7.56	164	34		
4.00	10.07	92	19		
5.00	12.59	59	12		

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Source Flux	6219 lm	Maximum value	236.80 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	20.0	21.3	20.4	21.7	22.1	19.9	21.1	20.3	21.5	21.9
x=2H y=3H	21.7	22.9	22.2	23.3	23.8	21.1	22.3	21.6	22.7	23.2
x=2H y=4H	22.5	23.6	23.0	24.1	24.5	21.6	22.7	22.1	23.1	23.6
x=2H y=6H	23.3	24.3	23.8	24.8	25.3	21.9	22.9	22.4	23.4	23.8
x=2H y=8H	23.6	24.6	24.1	25.1	25.6	21.9	22.9	22.4	23.4	23.9
x=2H y=12H	24.0	24.9	24.5	25.4	25.9	21.9	22.9	22.4	23.4	23.9
x=4H y=2H	20.5	21.6	21.0	22.1	22.5	20.4	21.5	20.9	21.9	22.4
x=4H y=3H	22.4	23.4	23.0	23.9	24.4	21.9	22.8	22.4	23.3	23.8
x=4H y=4H	23.4	24.3	24.0	24.8	25.4	22.5	23.3	23.0	23.8	24.4
x=4H y=6H	24.4	25.1	24.9	25.7	26.3	22.8	23.6	23.4	24.1	24.7
x=4H y=8H	24.8	25.5	25.4	26.1	26.7	22.9	23.6	23.5	24.2	24.8
x=4H y=12H	25.3	25.9	25.8	26.5	27.1	23.0	23.6	23.6	24.2	24.8
x=8H y=4H	23.7	24.4	24.3	24.9	25.6	22.8	23.5	23.4	24.1	24.7
x=8H y=6H	24.9	25.4	25.4	26.0	26.7	23.4	24.0	24.0	24.5	25.2
x=8H y=8H	25.4	26.0	26.0	26.5	27.2	23.6	24.1	24.2	24.7	25.4
x=8H y=12H	26.0	26.5	26.7	27.1	27.8	23.7	24.2	24.3	24.8	25.5
x=12H y=4H	23.7	24.3	24.3	24.9	25.5	22.9	23.5	23.5	24.1	24.7
x=12H y=6H	24.9	25.4	25.5	26.0	26.7	23.5	24.1	24.1	24.6	25.3
x=12H y=8H	25.6	26.0	26.2	26.6	27.3	23.8	24.3	24.4	24.9	25.6

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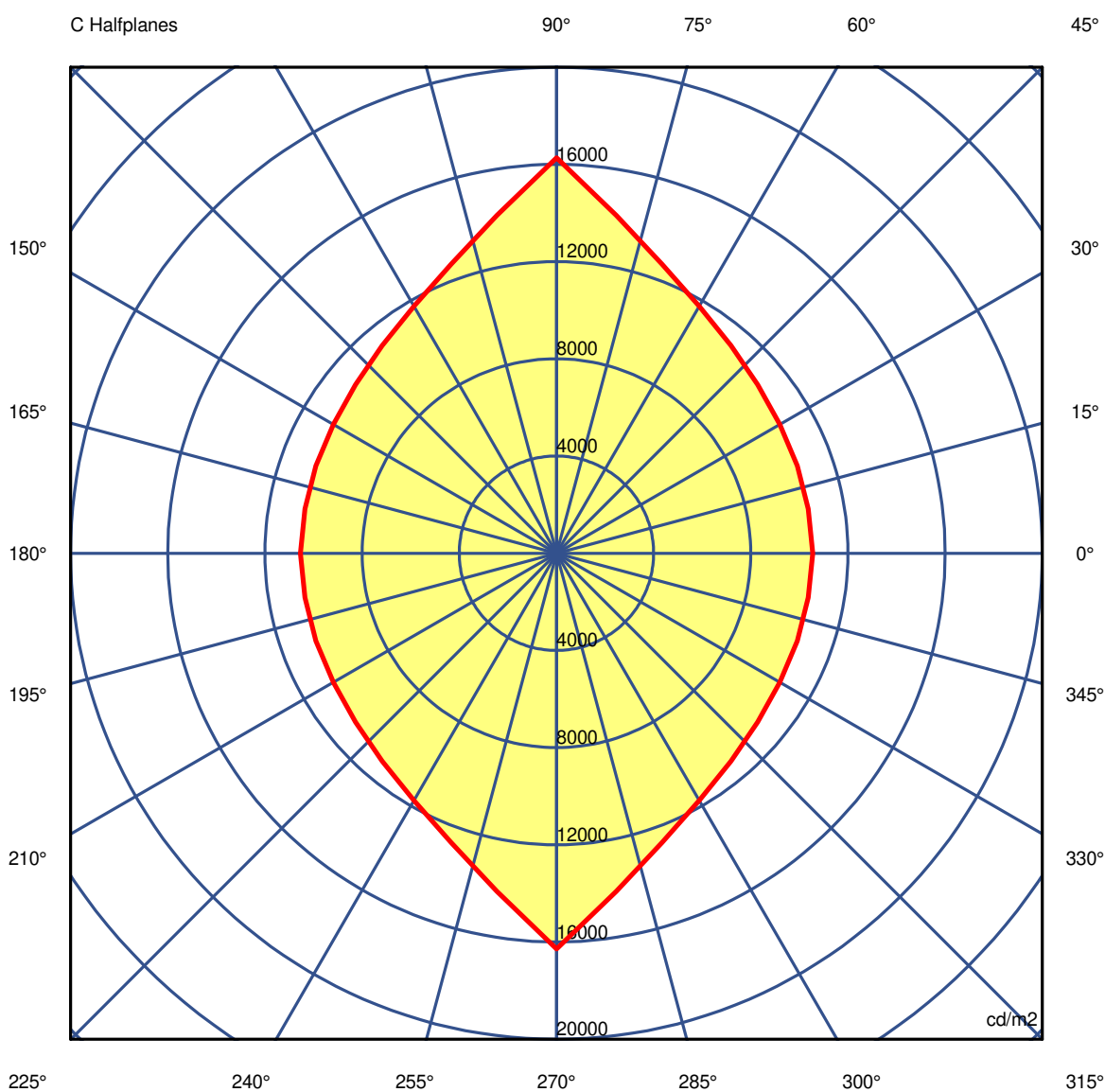
Measurem.

Code 3/7/2023

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Luminaire Flux	5054 lm	Luminaire Power	39.8 W	Efficacy	127.077 lm/W	Efficiency	81.26%
Source Flux	6219 lm	Maximum value	236.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Luminaire Flux	5054 lm		Luminaire Power		39.8 W		Efficacy		127.077 lm/W		Efficiency		81.26%	
Source Flux	6219 lm		Maximum value		236.80 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	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	
G 5.0	18905	18933	18976	19050	19201	19386	19592	19845	20119	20393	20119	19845	19592	
G 10.0	17477	17501	17581	17719	17939	18240	18616	19062	19575	20147	19575	19062	18616	
G 15.0	16211	16241	16336	16502	16776	17153	17634	18237	18965	19805	18965	18237	17634	
G 20.0	15091	15090	15188	15364	15680	16108	16656	17379	18287	19370	18287	17379	16656	
G 25.0	14057	14056	14144	14322	14632	15077	15679	16493	17558	18887	17558	16493	15679	
G 30.0	13097	13093	13170	13329	13625	14079	14712	15573	16759	18327	16759	15573	14712	
G 35.0	12203	12174	12238	12387	12657	13080	13711	14633	15942	17711	15942	14633	13711	
G 40.0	11354	11328	11371	11475	11706	12106	12728	13664	15059	17041	15059	13664	12728	
G 45.0	10542	10518	10542	10610	10809	11165	11739	12673	14130	16281	14130	12673	11739	
G 50.0	9780	9736	9738	9773	9925	10228	10752	11641	13133	15492	13133	11641	10752	
G 55.0	9032	8984	8974	8978	9073	9310	9757	10558	12052	14634	12052	10558	9757	
G 60.0	8337	8275	8246	8220	8260	8422	8787	9509	10965	13662	10965	9509	8787	
G 65.0	7680	7613	7566	7503	7490	7561	7790	8360	9711	12501	9711	8360	7790	
G 70.0	7054	6978	6918	6827	6759	6744	6823	7136	8234	10995	8234	7136	6823	
G 75.0	6480	6401	6325	6202	6074	5960	5875	5914	6636	9041	6636	5914	5875	
G 80.0	5928	5854	5767	5616	5454	5253	4980	4678	4849	6454	4849	4678	4980	
G 85.0	5432	5348	5255	5089	4871	4589	4182	3586	3128	3245	3128	3586	4182	
G 90.0	4998	4917	4815	4625	4378	4035	3513	2719	1982	1523	1982	2719	3513	

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Measurement

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Luminaire Flux		5054 lm		Luminaire Power		39.8 W		Efficacy		127.077 lm/W		Efficiency		81.26%												
Source Flux		6219 lm		Maximum value		236.80 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	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585
G 5.0	19386	19201	19050	18976	18933	18905	18933	18976	19050	19201	19386	19592	19845													
G 10.0	18240	17939	17719	17581	17501	17477	17501	17581	17719	17939	18240	18616	19062													
G 15.0	17153	16776	16502	16336	16241	16211	16241	16336	16502	16776	17153	17634	18237													
G 20.0	16108	15680	15364	15188	15090	15091	15090	15188	15364	15680	16108	16656	17379													
G 25.0	15077	14632	14322	14144	14056	14057	14056	14144	14322	14632	15077	15679	16493													
G 30.0	14079	13625	13329	13170	13093	13097	13093	13170	13329	13625	14079	14712	15573													
G 35.0	13080	12657	12387	12238	12174	12203	12174	12238	12387	12657	13080	13711	14633													
G 40.0	12106	11706	11475	11371	11328	11354	11328	11371	11475	11706	12106	12728	13664													
G 45.0	11165	10809	10610	10542	10518	10542	10518	10542	10610	10809	11165	11739	12673													
G 50.0	10228	9925	9773	9738	9736	9780	9736	9738	9773	9925	10228	10752	11641													
G 55.0	9310	9073	8978	8974	8984	9032	8984	8974	8978	9073	9310	9757	10558													
G 60.0	8422	8260	8220	8246	8275	8337	8275	8246	8220	8260	8422	8787	9509													
G 65.0	7561	7490	7503	7566	7613	7680	7613	7566	7503	7490	7561	7790	8360													
G 70.0	6744	6759	6827	6918	6978	7054	6978	6918	6827	6759	6744	6823	7136													
G 75.0	5960	6074	6202	6325	6401	6480	6401	6325	6202	6074	5960	5875	5914													
G 80.0	5253	5454	5616	5767	5854	5928	5854	5767	5616	5454	5253	4980	4678													
G 85.0	4589	4871	5089	5255	5348	5432	5348	5255	5089	4871	4589	4182	3586													
G 90.0	4035	4378	4625	4815	4917	4998	4917	4815	4625	4378	4035	3513	2719													

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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	20585	20585	20585	20585	20585	20585	20585	20585	20585	20585
G 5.0	20119	20393	20119	19845	19592	19386	19201	19050	18976	18933
G 10.0	19575	20147	19575	19062	18616	18240	17939	17719	17581	17501
G 15.0	18965	19805	18965	18237	17634	17153	16776	16502	16336	16241
G 20.0	18287	19370	18287	17379	16656	16108	15680	15364	15188	15090
G 25.0	17558	18887	17558	16493	15679	15077	14632	14322	14144	14056
G 30.0	16759	18327	16759	15573	14712	14079	13625	13329	13170	13093
G 35.0	15942	17711	15942	14633	13711	13080	12657	12387	12238	12174
G 40.0	15059	17041	15059	13664	12728	12106	11706	11475	11371	11328
G 45.0	14130	16281	14130	12673	11739	11165	10809	10610	10542	10518
G 50.0	13133	15492	13133	11641	10752	10228	9925	9773	9738	9736
G 55.0	12052	14634	12052	10558	9757	9310	9073	8978	8974	8984
G 60.0	10965	13662	10965	9509	8787	8422	8260	8220	8246	8275
G 65.0	9711	12501	9711	8360	7790	7561	7490	7503	7566	7613
G 70.0	8234	10995	8234	7136	6823	6744	6759	6827	6918	6978
G 75.0	6636	9041	6636	5914	5875	5960	6074	6202	6325	6401
G 80.0	4849	6454	4849	4678	4980	5253	5454	5616	5767	5854
G 85.0	3128	3245	3128	3586	4182	4589	4871	5089	5255	5348
G 90.0	1982	1523	1982	2719	3513	4035	4378	4625	4815	4917