

Luminaire

Code 90677L150

Name TTP 50 360 HRZ L1570 TOP 840

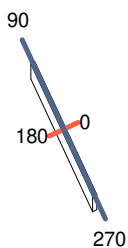
Measurem.

Code 1/10/2024

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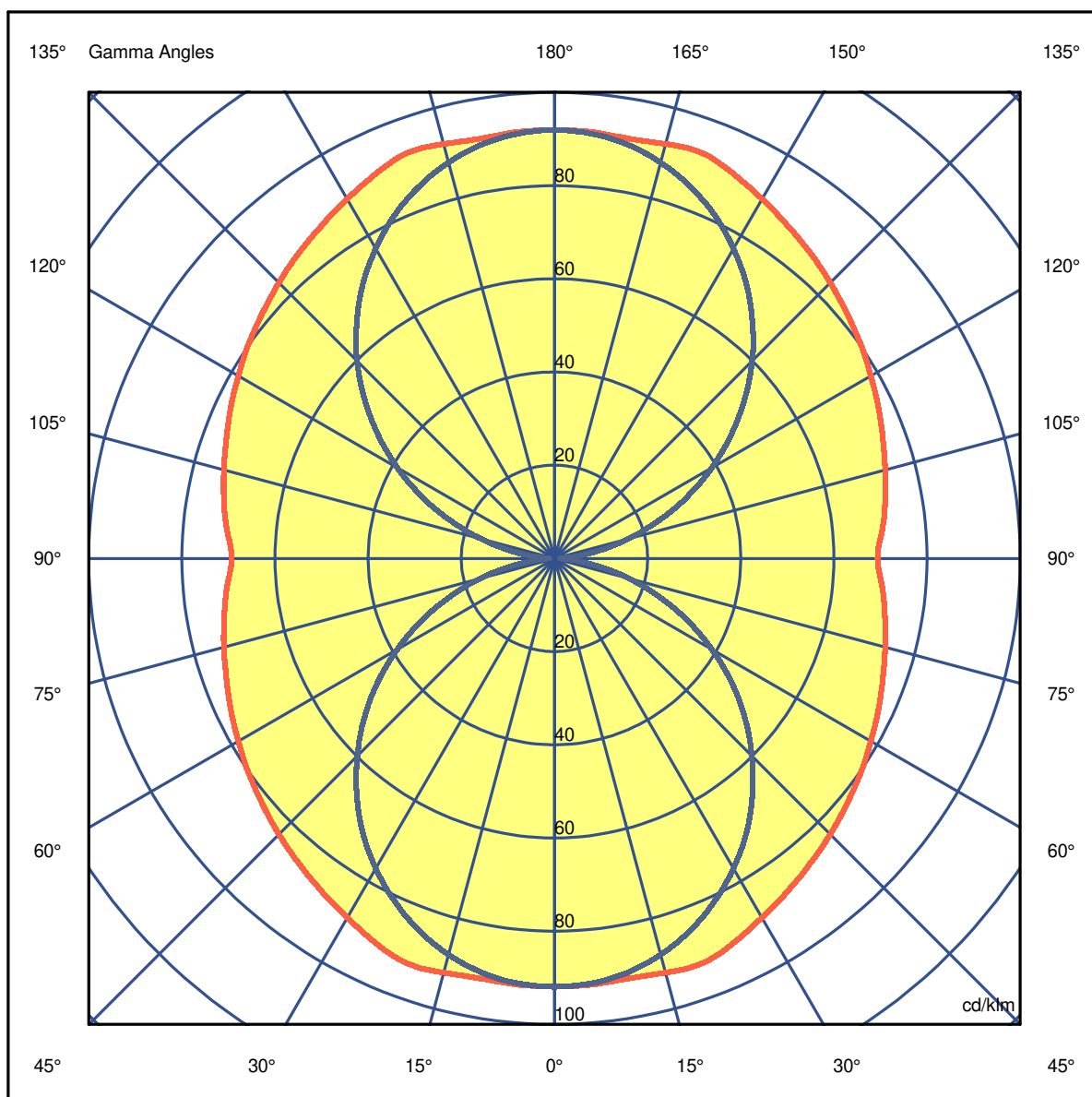
Luminaire Flux	3358 lm	Luminaire Power	28.2 W	Efficacy	119.094 lm/W	Efficiency	78.07%
Source Flux	4302 lm	Maximum value	92.60 cd/klm	Position	C=0.00 G=160.00	CG Double Symmetrical	

1570mm x 50mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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Right beam angle not found, gamma = 19

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Measurement

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Luminaire Flux	3358 lm	Luminaire Power	28.2 W	Efficacy	119.094 lm/W	Efficiency	78.07%
Source Flux	4302 lm	Maximum value	92.60 cd/klm	Position	C=0.00 G=160.00	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	13.6	14.5	14.5	15.4	16.6	12.4	13.3	13.3	14.2	15.4
x=2H y=3H	16.0	16.8	16.9	17.8	19.0	13.8	14.6	14.7	15.5	16.7
x=2H y=4H	17.3	18.0	18.2	18.9	20.2	14.3	15.1	15.2	16.0	17.2
x=2H y=6H	18.5	19.2	19.4	20.1	21.4	14.7	15.4	15.6	16.3	17.5
x=2H y=8H	19.1	19.8	20.1	20.8	22.0	14.8	15.4	15.7	16.4	17.6
x=2H y=12H	19.7	20.4	20.7	21.3	22.6	14.8	15.5	15.8	16.4	17.7
x=4H y=2H	14.2	14.9	15.1	15.8	17.0	13.2	13.9	14.1	14.9	16.1
x=4H y=3H	16.8	17.4	17.7	18.4	19.6	14.8	15.4	15.8	16.4	17.6
x=4H y=4H	18.2	18.8	19.2	19.7	21.0	15.5	16.1	16.5	17.1	18.3
x=4H y=6H	19.6	20.1	20.6	21.1	22.4	16.0	16.5	17.0	17.5	18.8
x=4H y=8H	20.4	20.8	21.4	21.8	23.1	16.2	16.6	17.2	17.6	18.9
x=4H y=12H	21.1	21.5	22.1	22.5	23.8	16.3	16.7	17.3	17.7	19.0
x=8H y=4H	18.5	18.9	19.5	19.9	21.2	16.2	16.7	17.2	17.7	19.0
x=8H y=6H	20.2	20.6	21.2	21.6	22.9	17.1	17.5	18.1	18.5	19.8
x=8H y=8H	21.1	21.4	22.1	22.4	23.8	17.4	17.7	18.4	18.8	20.1
x=8H y=12H	22.0	22.3	23.0	23.3	24.7	17.6	17.9	18.7	19.0	20.3
x=12H y=4H	18.5	18.9	19.5	19.9	21.2	16.4	16.9	17.4	17.9	19.2
x=12H y=6H	20.3	20.6	21.3	21.6	23.0	17.4	17.8	18.5	18.8	20.1
x=12H y=8H	21.2	21.5	22.3	22.6	24.0	17.9	18.2	18.9	19.3	20.6

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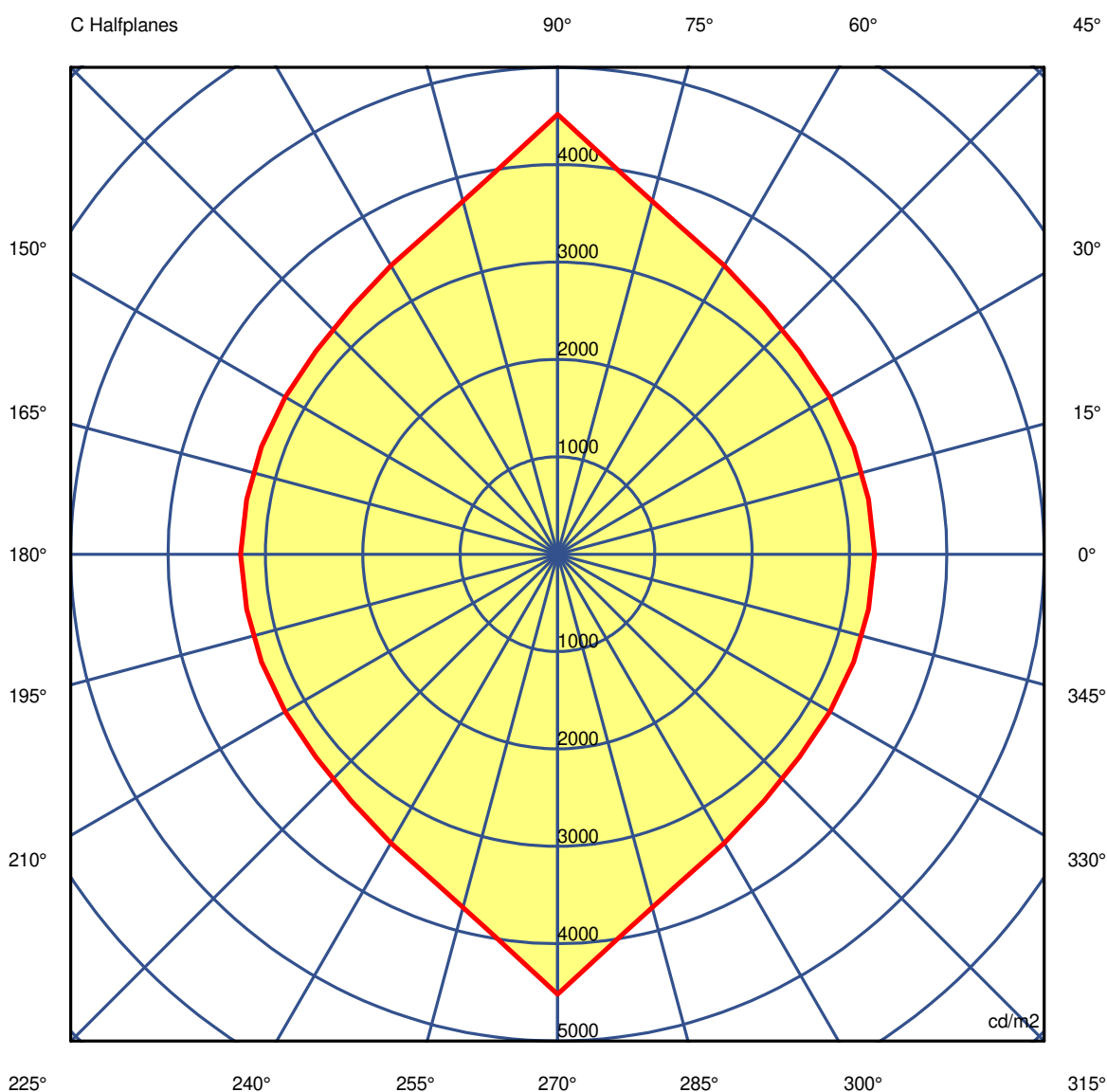
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Luminaire Flux	3358 lm	Luminaire Power	28.2 W	Efficacy	119.094 lm/W	Efficiency	78.07%
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Luminance



45.0°

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Source Flux	4302 lm		Maximum value		92.60 cd/klm		Position		C=0.00 G=160.00		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	5059	5059	5059	5059	5059	5059	5059	5059	5059	5059	5059	5059	5059	
G 5.0	4665	4668	4683	4709	4743	4786	4838	4898	4967	5042	4967	4898	4838	
G 10.0	4348	4352	4372	4407	4461	4538	4633	4738	4866	5014	4866	4738	4633	
G 15.0	4135	4134	4149	4181	4238	4319	4429	4577	4760	4972	4760	4577	4429	
G 20.0	3973	3972	3989	4018	4061	4131	4246	4418	4646	4922	4646	4418	4246	
G 25.0	3769	3769	3796	3843	3904	3974	4075	4251	4514	4859	4514	4251	4075	
G 30.0	3587	3584	3604	3647	3723	3820	3937	4105	4382	4793	4382	4105	3937	
G 35.0	3447	3439	3451	3477	3534	3640	3783	3946	4238	4719	4238	3946	3783	
G 40.0	3337	3327	3331	3341	3373	3465	3611	3784	4097	4626	4097	3784	3611	
G 45.0	3258	3243	3238	3231	3241	3302	3424	3607	3946	4519	3946	3607	3424	
G 50.0	3200	3180	3165	3144	3135	3160	3244	3426	3787	4405	3787	3426	3244	
G 55.0	3170	3140	3116	3079	3046	3033	3076	3237	3601	4259	3601	3237	3076	
G 60.0	3159	3127	3094	3040	2983	2934	2922	3019	3352	4068	3352	3019	2922	
G 65.0	3177	3137	3096	3027	2944	2854	2780	2794	3073	3840	3073	2794	2780	
G 70.0	3221	3179	3132	3047	2933	2807	2674	2571	2747	3536	2747	2571	2674	
G 75.0	3304	3256	3201	3102	2972	2811	2607	2377	2410	3135	2410	2377	2607	
G 80.0	3421	3377	3323	3216	3068	2880	2620	2256	2082	2576	2082	2256	2620	
G 85.0	3587	3542	3493	3391	3242	3048	2758	2273	1854	1850	1854	2273	2758	
G 90.0	3815	3770	3719	3614	3473	3285	2983	2457	1952	1893	1952	2457	2983	

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Source Flux	4302 lm		Maximum value		92.60 cd/klm		Position		C=0.00 G=160.00		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	5059	5059	5059	5059	5059	5059	5059	5059	5059	5059	5059	5059	5059	
G 5.0	4786	4743	4709	4683	4668	4665	4668	4683	4709	4743	4786	4838	4898	
G 10.0	4538	4461	4407	4372	4352	4348	4352	4372	4407	4461	4538	4633	4738	
G 15.0	4319	4238	4181	4149	4134	4135	4134	4149	4181	4238	4319	4429	4577	
G 20.0	4131	4061	4018	3989	3972	3973	3972	3989	4018	4061	4131	4246	4418	
G 25.0	3974	3904	3843	3796	3769	3769	3769	3796	3843	3904	3974	4075	4251	
G 30.0	3820	3723	3647	3604	3584	3587	3584	3604	3647	3723	3820	3937	4105	
G 35.0	3640	3534	3477	3451	3439	3447	3439	3451	3477	3534	3640	3783	3946	
G 40.0	3465	3373	3341	3331	3327	3337	3327	3331	3341	3373	3465	3611	3784	
G 45.0	3302	3241	3231	3238	3243	3258	3243	3238	3231	3241	3302	3424	3607	
G 50.0	3160	3135	3144	3165	3180	3200	3180	3165	3144	3135	3160	3244	3426	
G 55.0	3033	3046	3079	3116	3140	3170	3140	3116	3079	3046	3033	3076	3237	
G 60.0	2934	2983	3040	3094	3127	3159	3127	3094	3040	2983	2934	2922	3019	
G 65.0	2854	2944	3027	3096	3137	3177	3137	3096	3027	2944	2854	2780	2794	
G 70.0	2807	2933	3047	3132	3179	3221	3179	3132	3047	2933	2807	2674	2571	
G 75.0	2811	2972	3102	3201	3256	3304	3256	3201	3102	2972	2811	2607	2377	
G 80.0	2880	3068	3216	3323	3377	3421	3377	3323	3216	3068	2880	2620	2256	
G 85.0	3048	3242	3391	3493	3542	3587	3542	3493	3391	3242	3048	2758	2273	
G 90.0	3285	3473	3614	3719	3770	3815	3770	3719	3614	3473	3285	2983	2457	

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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	5059	5059	5059	5059	5059	5059	5059	5059	5059	5059
G 5.0	4967	5042	4967	4898	4838	4786	4743	4709	4683	4668
G 10.0	4866	5014	4866	4738	4633	4538	4461	4407	4372	4352
G 15.0	4760	4972	4760	4577	4429	4319	4238	4181	4149	4134
G 20.0	4646	4922	4646	4418	4246	4131	4061	4018	3989	3972
G 25.0	4514	4859	4514	4251	4075	3974	3904	3843	3796	3769
G 30.0	4382	4793	4382	4105	3937	3820	3723	3647	3604	3584
G 35.0	4238	4719	4238	3946	3783	3640	3534	3477	3451	3439
G 40.0	4097	4626	4097	3784	3611	3465	3373	3341	3331	3327
G 45.0	3946	4519	3946	3607	3424	3302	3241	3231	3238	3243
G 50.0	3787	4405	3787	3426	3244	3160	3135	3144	3165	3180
G 55.0	3601	4259	3601	3237	3076	3033	3046	3079	3116	3140
G 60.0	3352	4068	3352	3019	2922	2934	2983	3040	3094	3127
G 65.0	3073	3840	3073	2794	2780	2854	2944	3027	3096	3137
G 70.0	2747	3536	2747	2571	2674	2807	2933	3047	3132	3179
G 75.0	2410	3135	2410	2377	2607	2811	2972	3102	3201	3256
G 80.0	2082	2576	2082	2256	2620	2880	3068	3216	3323	3377
G 85.0	1854	1850	1854	2273	2758	3048	3242	3391	3493	3542
G 90.0	1952	1893	1952	2457	2983	3285	3473	3614	3719	3770