

Luminaire

Code 90804L066

Name THS L60W60 LIGHT+ K3 840 HO

Measurem.

Code 12/7/2023

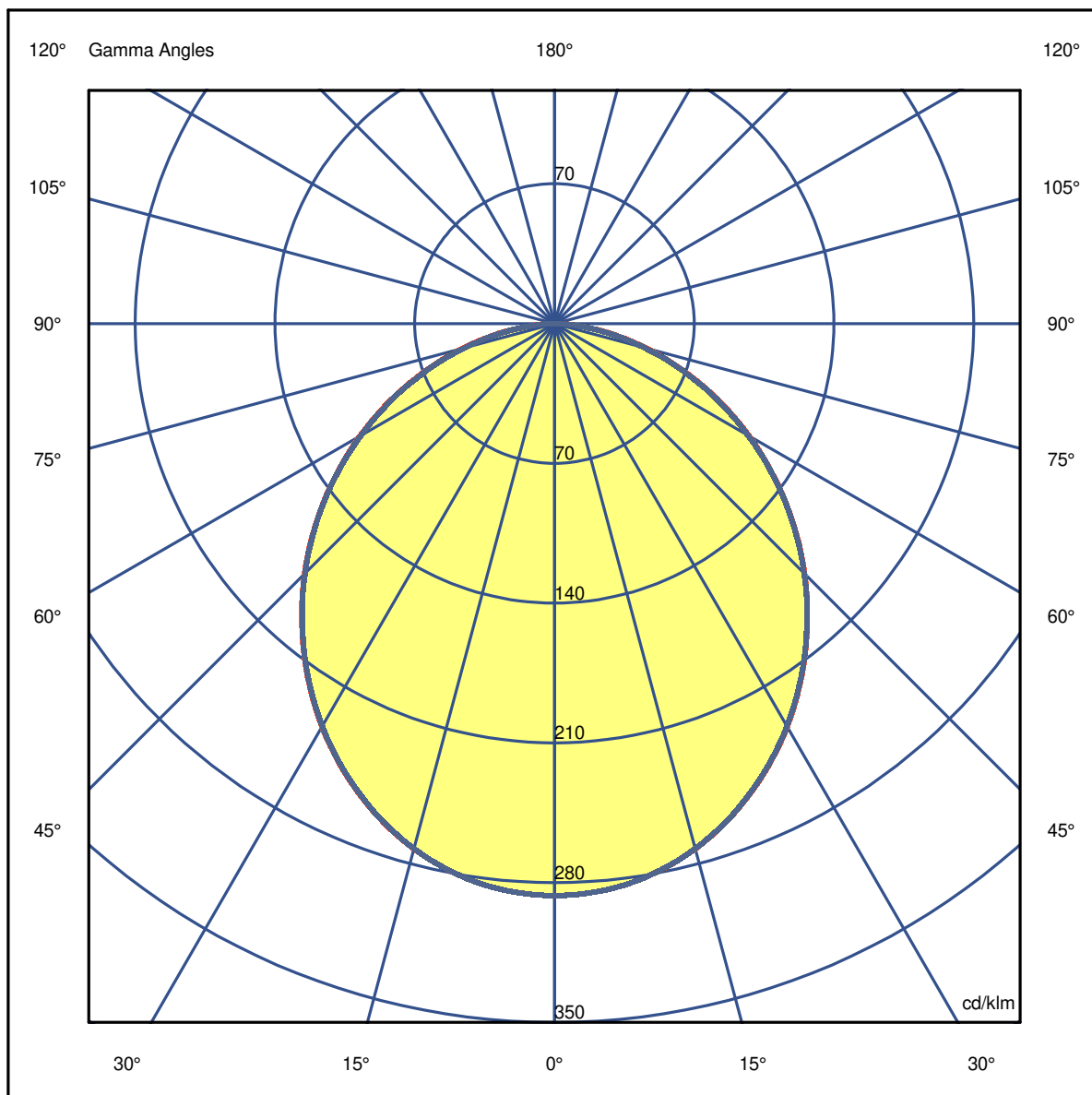
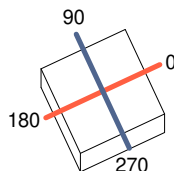
Name THS L60W60 LIGHT+ K3 840 HO

Luminaire Flux	7773 lm	Luminaire Power	59.0 W	Efficacy	131.858 lm/W	Efficiency	76.33%
Source Flux	10184 lm	Maximum value	286.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

597mm x 597mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



Luminaire

Code 90804L066

Name THS L60W60 LIGHT+ K3 840 HO

Measurem.

Code 12/7/2023

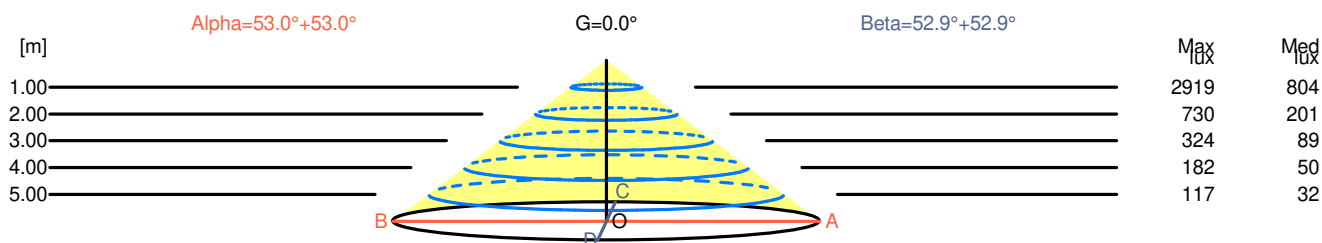
Name THS L60W60 LIGHT+ K3 840 HO

Luminaire Flux	7773 lm	Luminaire Power	59.0 W	Efficacy	131.858 lm/W	Efficiency	76.33%
Source Flux	10184 lm	Maximum value	286.60 cd/klm	Position	C=0.00 G=0.00	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	1.33	2.65	3.98	5.31	6.63	OC	1.32	2.65	3.97	5.29	6.61
OB	1.33	2.65	3.98	5.31	6.63	OD	1.32	2.65	3.97	5.29	6.61

	0	5	15	25	35	45	55	65	75	85
OA	2918.73	2901.42	2773.10	2528.69	2196.69	1803.59	1369.75	921.65	486.80	118.13
OB	2918.73	2901.42	2773.10	2528.69	2196.69	1803.59	1369.75	921.65	486.80	118.13
OC	2918.73	2901.42	2772.08	2526.65	2193.63	1800.53	1365.67	913.50	475.59	108.97
OD	2918.73	2901.42	2772.08	2526.65	2193.63	1800.53	1365.67	913.50	475.59	108.97



H[m]	D[m]	Max lux	Med lux	Alpha=53.0°+53.0°	G=0.0
1.00	2.65	2919	804		
2.00	5.31	730	201		
3.00	7.96	324	89		
4.00	10.61	182	50		
5.00	13.26	117	32		

H[m]	D[m]	Max lux	Med lux	Beta=52.9°+52.9°	G=0.0
1.00	2.65	2919	804		
2.00	5.29	730	201		
3.00	7.94	324	89		
4.00	10.58	182	50		
5.00	13.23	117	32		

Luminaire

Code 90804L066

Name THS L60W60 LIGHT+ K3 840 HO

Measurem.

Code 12/7/2023

Name THS L60W60 LIGHT+ K3 840 HO

Luminaire Flux	7773 lm	Luminaire Power	59.0 W	Efficacy	131.858 lm/W	Efficiency	76.33%
Source Flux	10184 lm	Maximum value	286.60 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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	18.9	20.2	19.2	20.4	20.7	18.9	20.2	19.2	20.4	20.7
x=2H y=3H	20.2	21.4	20.5	21.6	21.9	20.2	21.4	20.5	21.6	21.9
x=2H y=4H	20.7	21.8	21.0	22.1	22.4	20.7	21.8	21.0	22.0	22.3
x=2H y=6H	21.0	22.0	21.3	22.3	22.6	20.9	22.0	21.3	22.3	22.6
x=2H y=8H	21.1	22.1	21.4	22.4	22.7	21.0	22.0	21.4	22.3	22.6
x=2H y=12H	21.1	22.1	21.5	22.4	22.7	21.0	22.0	21.4	22.3	22.6
x=4H y=2H	19.5	20.6	19.8	20.9	21.1	19.5	20.6	19.8	20.9	21.1
x=4H y=3H	20.9	21.9	21.3	22.2	22.5	20.9	21.9	21.3	22.2	22.5
x=4H y=4H	21.5	22.3	21.9	22.7	23.1	21.5	22.3	21.9	22.7	23.0
x=4H y=6H	21.9	22.7	22.3	23.0	23.4	21.9	22.6	22.3	23.0	23.4
x=4H y=8H	22.0	22.7	22.5	23.1	23.5	22.0	22.6	22.4	23.0	23.4
x=4H y=12H	22.1	22.7	22.5	23.1	23.5	22.0	22.6	22.4	23.0	23.4
x=8H y=4H	21.7	22.4	22.2	22.8	23.2	21.7	22.4	22.1	22.7	23.2
x=8H y=6H	22.2	22.8	22.7	23.2	23.7	22.1	22.7	22.6	23.1	23.6
x=8H y=8H	22.4	22.8	22.8	23.3	23.8	22.3	22.8	22.7	23.2	23.7
x=8H y=12H	22.4	22.9	22.9	23.3	23.8	22.4	22.8	22.9	23.2	23.7
x=12H y=4H	21.7	22.3	22.2	22.7	23.2	21.7	22.3	22.1	22.7	23.1
x=12H y=6H	22.2	22.7	22.7	23.2	23.6	22.2	22.6	22.6	23.1	23.6
x=12H y=8H	22.4	22.8	22.9	23.3	23.8	22.3	22.7	22.8	23.2	23.7

Luminaire

Code 90804L066

Name THS L60W60 LIGHT+ K3 840 HO

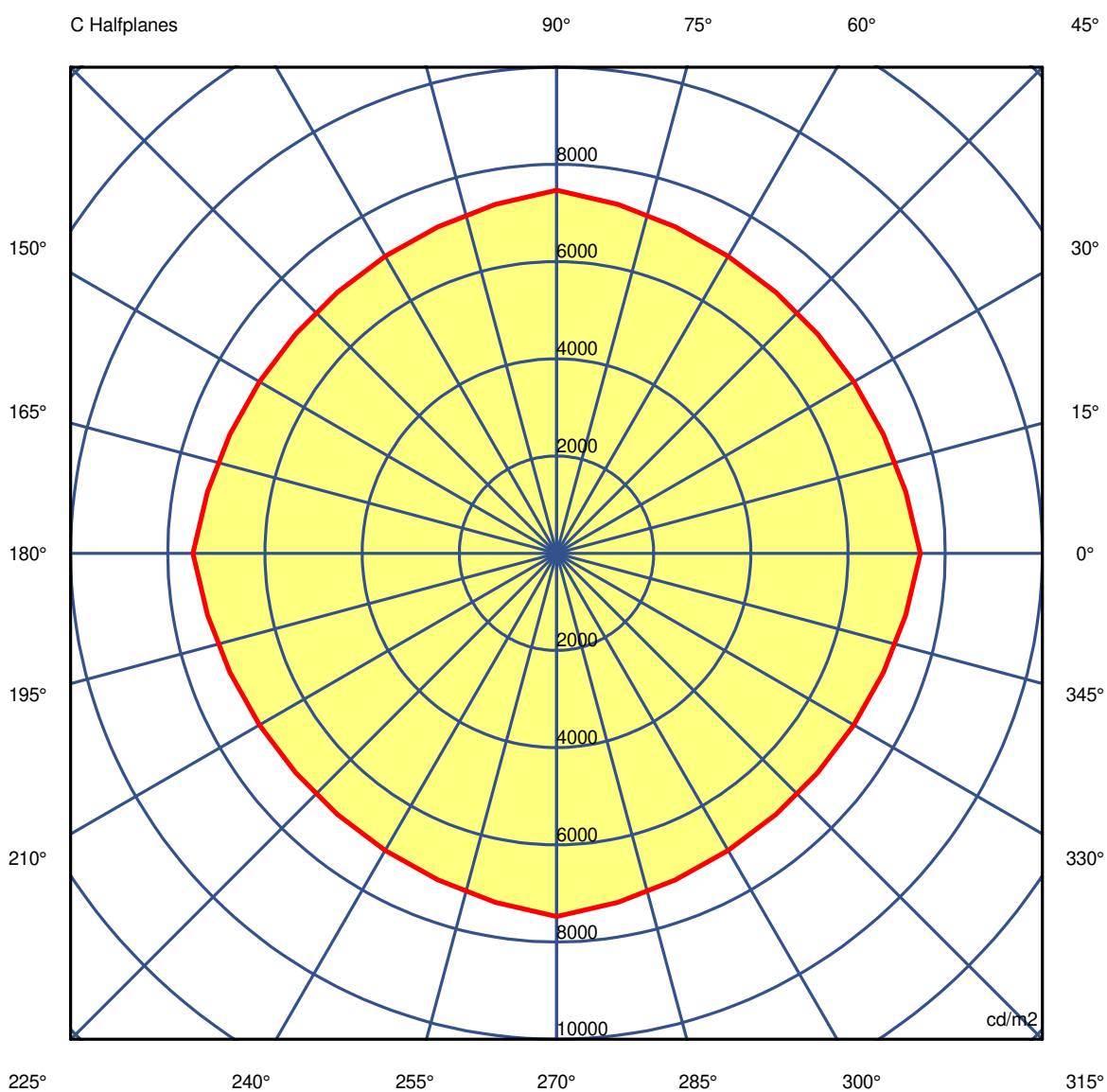
Measurem.

Code 12/7/2023

Name THS L60W60 LIGHT+ K3 840 HO

Luminaire Flux	7773 lm	Luminaire Power	59.0 W	Efficacy	131.858 lm/W	Efficiency	76.33%
Source Flux	10184 lm	Maximum value	286.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

Code 90804L066

Name THS L60W60 LIGHT+ K3 840 HO

Measur.

Code 12/7/2023

Name THS L60W60 LIGHT+ K3 840 HO

Luminaire Flux	7773 lm		Luminaire Power		59.0 W		Efficacy		131.858 lm/W		Efficiency		76.33%	
Source Flux	10184 lm		Maximum value		286.60 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	10197	10197	10197	10197	10197	10197	10197	10197	10197	10197	10197	10197	10197	
G 5.0	10009	9985	9966	9952	9945	9945	9952	9964	9983	10009	9983	9964	9952	
G 10.0	9791	9740	9703	9679	9663	9662	9675	9702	9740	9791	9740	9702	9675	
G 15.0	9543	9467	9410	9373	9353	9353	9373	9410	9466	9539	9466	9410	9373	
G 20.0	9259	9168	9095	9044	9020	9020	9044	9090	9161	9255	9161	9090	9044	
G 25.0	8952	8834	8748	8692	8663	8664	8696	8750	8832	8945	8832	8750	8696	
G 30.0	8627	8488	8386	8318	8281	8283	8321	8382	8478	8616	8478	8382	8321	
G 35.0	8266	8114	8000	7924	7883	7883	7924	7996	8105	8254	8105	7996	7924	
G 40.0	7884	7716	7588	7501	7460	7460	7501	7583	7708	7876	7708	7583	7501	
G 45.0	7484	7297	7156	7062	7017	7015	7058	7152	7291	7472	7291	7152	7058	
G 50.0	7045	6841	6692	6594	6539	6539	6594	6687	6831	7032	6831	6687	6594	
G 55.0	6558	6343	6184	6077	6026	6026	6077	6174	6326	6538	6326	6174	6077	
G 60.0	6018	5796	5628	5512	5456	5454	5507	5608	5767	5991	5767	5608	5507	
G 65.0	5408	5163	4984	4867	4813	4810	4856	4966	5134	5360	5134	4966	4856	
G 70.0	4683	4441	4266	4148	4091	4083	4123	4223	4387	4622	4387	4223	4123	
G 75.0	3839	3602	3434	3318	3248	3237	3283	3372	3522	3751	3522	3372	3283	
G 80.0	2806	2602	2450	2341	2280	2268	2300	2370	2496	2698	2496	2370	2300	
G 85.0	1490	1344	1240	1160	1118	1109	1129	1178	1256	1374	1256	1178	1129	
G 90.0	187	173	160	150	146	146	150	150	161	187	161	150	150	

Luminaire

Code 90804L066

Name THS L60W60 LIGHT+ K3 840 HO

Measur.

Code 12/7/2023

Name THS L60W60 LIGHT+ K3 840 HO

Luminaire Flux	7773 lm		Luminaire Power		59.0 W		Efficacy		131.858 lm/W		Efficiency		76.33%	
Source Flux	10184 lm		Maximum value		286.60 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	10197	10197	10197	10197	10197	10197	10197	10197	10197	10197	10197	10197	10197	
G 5.0	9945	9945	9952	9966	9985	10009	9985	9966	9952	9945	9945	9952	9964	
G 10.0	9662	9663	9679	9703	9740	9791	9740	9703	9679	9663	9662	9675	9702	
G 15.0	9353	9353	9373	9410	9467	9543	9467	9410	9373	9353	9353	9373	9410	
G 20.0	9020	9020	9044	9095	9168	9259	9168	9095	9044	9020	9020	9044	9090	
G 25.0	8664	8663	8692	8748	8834	8952	8834	8748	8692	8663	8664	8696	8750	
G 30.0	8283	8281	8318	8386	8488	8627	8488	8386	8318	8281	8283	8321	8382	
G 35.0	7883	7883	7924	8000	8114	8266	8114	8000	7924	7883	7883	7924	7996	
G 40.0	7460	7460	7501	7588	7716	7884	7716	7588	7501	7460	7460	7501	7583	
G 45.0	7015	7017	7062	7156	7297	7484	7297	7156	7062	7017	7015	7058	7152	
G 50.0	6539	6539	6594	6692	6841	7045	6841	6692	6594	6539	6539	6594	6687	
G 55.0	6026	6026	6077	6184	6343	6558	6343	6184	6077	6026	6026	6077	6174	
G 60.0	5454	5456	5512	5628	5796	6018	5796	5628	5512	5456	5454	5507	5608	
G 65.0	4810	4813	4867	4984	5163	5408	5163	4984	4867	4813	4810	4856	4966	
G 70.0	4083	4091	4148	4266	4441	4683	4441	4266	4148	4091	4083	4123	4223	
G 75.0	3237	3248	3318	3434	3602	3839	3602	3434	3318	3248	3237	3283	3372	
G 80.0	2268	2280	2341	2450	2602	2806	2602	2450	2341	2280	2268	2300	2370	
G 85.0	1109	1118	1160	1240	1344	1490	1344	1240	1160	1118	1109	1129	1178	
G 90.0	146	146	150	160	173	187	173	160	150	146	146	150	150	

Luminaire

Code 90804L066

Name THS L60W60 LIGHT+ K3 840 HO

Measurem.

Code 12/7/2023

Name THS L60W60 LIGHT+ K3 840 HO

Luminaire Flux	7773 lm	Luminaire Power	59.0 W	Efficacy	131.858 lm/W	Efficiency	76.33%
Source Flux	10184 lm	Maximum value	286.60 cd/klm	Position	C=0.00 G=0.00	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	10197	10197	10197	10197	10197	10197	10197	10197	10197	10197
G 5.0	9983	10009	9983	9964	9952	9945	9945	9952	9966	9985
G 10.0	9740	9791	9740	9702	9675	9662	9662	9679	9703	9740
G 15.0	9466	9539	9466	9410	9373	9353	9353	9373	9410	9467
G 20.0	9161	9255	9161	9090	9044	9020	9020	9044	9095	9168
G 25.0	8832	8945	8832	8750	8696	8664	8663	8692	8748	8834
G 30.0	8478	8616	8478	8382	8321	8283	8281	8318	8386	8488
G 35.0	8105	8254	8105	7996	7924	7883	7883	7924	8000	8114
G 40.0	7708	7876	7708	7583	7501	7460	7460	7501	7588	7716
G 45.0	7291	7472	7291	7152	7058	7015	7017	7062	7156	7297
G 50.0	6831	7032	6831	6687	6594	6539	6539	6594	6692	6841
G 55.0	6326	6538	6326	6174	6077	6026	6026	6077	6184	6343
G 60.0	5767	5991	5767	5608	5507	5454	5456	5512	5628	5796
G 65.0	5134	5360	5134	4966	4856	4810	4813	4867	4984	5163
G 70.0	4387	4622	4387	4223	4123	4083	4091	4148	4266	4441
G 75.0	3522	3751	3522	3372	3283	3237	3248	3318	3434	3602
G 80.0	2496	2698	2496	2370	2300	2268	2280	2341	2450	2602
G 85.0	1256	1374	1256	1178	1129	1109	1118	1160	1240	1344
G 90.0	161	187	161	150	150	146	146	150	160	173