

Luminaire

Code 90789L013

Name CONCEPT LINEA 65 L1950 LIGHT+ 840

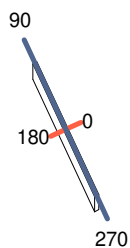
Measurem.

Code 31/7/2023

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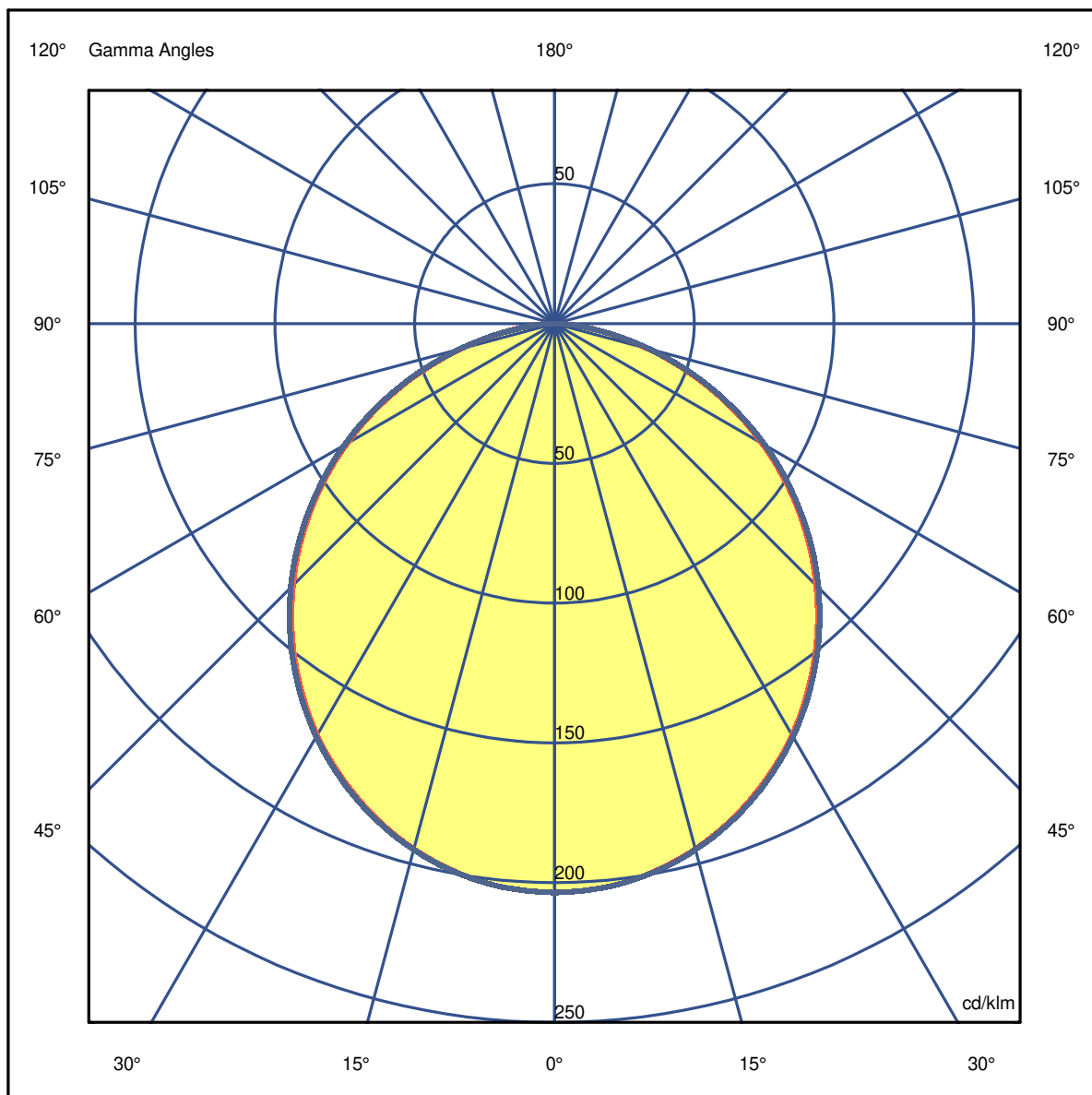
Luminaire Flux	3585 lm	Luminaire Power	35.8 W	Efficacy	100.037 lm/W	Efficiency	56.63%
Source Flux	6331 lm	Maximum value	203.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1950mm x 65mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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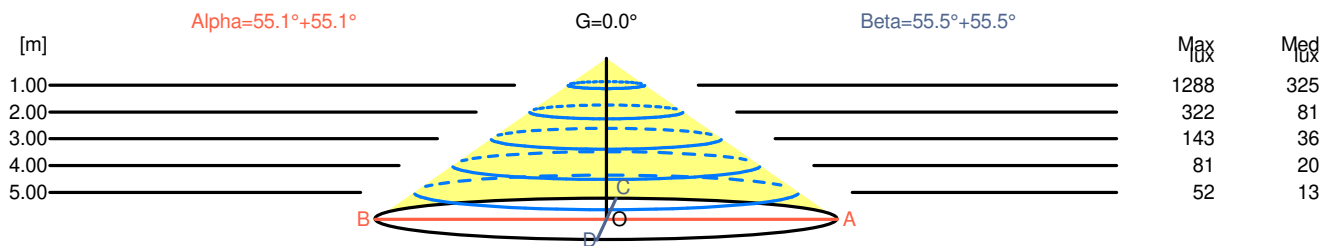
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Source Flux	6331 lm	Maximum value	203.50 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

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	1.44	2.87	4.31	5.74	7.18	OC	1.45	2.91	4.36	5.81	7.26
OB	1.44	2.87	4.31	5.74	7.18	OD	1.45	2.91	4.36	5.81	7.26

	0	5	15	25	35	45	55	65	75	85
OA	1288.36	1282.03	1232.01	1137.05	1004.10	838.22	647.03	435.57	219.69	48.75
OB	1288.36	1282.03	1232.01	1137.05	1004.10	838.22	647.03	435.57	219.69	48.75
OC	1288.36	1282.03	1233.28	1140.85	1009.79	845.19	653.36	441.27	222.85	48.12
OD	1288.36	1282.03	1233.28	1140.85	1009.79	845.19	653.36	441.27	222.85	48.12



H[m]	D[m]	Max lux	Med lux	Alpha=55.1°+55.1°	G=0.0	
1.00	2.87	1288	325			
2.00	5.74	322	81			
3.00	8.61	143	36			
4.00	11.49	81	20			
5.00	14.36	52	13			

H[m]	D[m]	Max lux	Med lux	Beta=55.5°+55.5°	G=0.0	
1.00	2.91	1288	325			
2.00	5.81	322	81			
3.00	8.72	143	36			
4.00	11.62	81	20			
5.00	14.53	52	13			

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Source Flux	6331 lm	Maximum value	203.50 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	17.0	18.4	17.3	18.6	18.9	19.2	20.6	19.5	20.8	21.1
x=2H y=3H	18.0	19.2	18.3	19.5	19.7	20.7	21.9	21.0	22.2	22.4
x=2H y=4H	18.3	19.4	18.6	19.7	20.0	21.2	22.3	21.6	22.6	22.9
x=2H y=6H	18.4	19.4	18.8	19.7	20.0	21.5	22.6	21.9	22.9	23.2
x=2H y=8H	18.4	19.4	18.8	19.7	20.0	21.6	22.6	22.0	22.9	23.2
x=2H y=12H	18.4	19.4	18.8	19.7	20.0	21.6	22.6	22.0	22.9	23.3
x=4H y=2H	17.7	18.8	18.0	19.1	19.4	19.5	20.6	19.9	20.9	21.2
x=4H y=3H	18.8	19.7	19.1	20.1	20.4	21.0	22.0	21.4	22.3	22.6
x=4H y=4H	19.2	20.0	19.6	20.3	20.7	21.7	22.5	22.1	22.9	23.2
x=4H y=6H	19.3	20.1	19.7	20.4	20.8	22.0	22.8	22.5	23.1	23.6
x=4H y=8H	19.4	20.1	19.8	20.4	20.9	22.2	22.8	22.6	23.2	23.7
x=4H y=12H	19.4	20.0	19.8	20.4	20.8	22.2	22.8	22.7	23.2	23.7
x=8H y=4H	19.3	20.0	19.8	20.4	20.8	21.7	22.4	22.1	22.8	23.2
x=8H y=6H	19.6	20.1	20.0	20.6	21.0	22.1	22.7	22.6	23.1	23.6
x=8H y=8H	19.6	20.1	20.1	20.6	21.1	22.3	22.7	22.7	23.2	23.7
x=8H y=12H	19.6	20.1	20.1	20.6	21.0	22.3	22.8	22.8	23.2	23.7
x=12H y=4H	19.3	20.0	19.8	20.4	20.8	21.7	22.3	22.1	22.7	23.1
x=12H y=6H	19.6	20.1	20.1	20.5	21.0	22.1	22.6	22.6	23.0	23.5
x=12H y=8H	19.7	20.1	20.2	20.6	21.0	22.2	22.7	22.7	23.1	23.6

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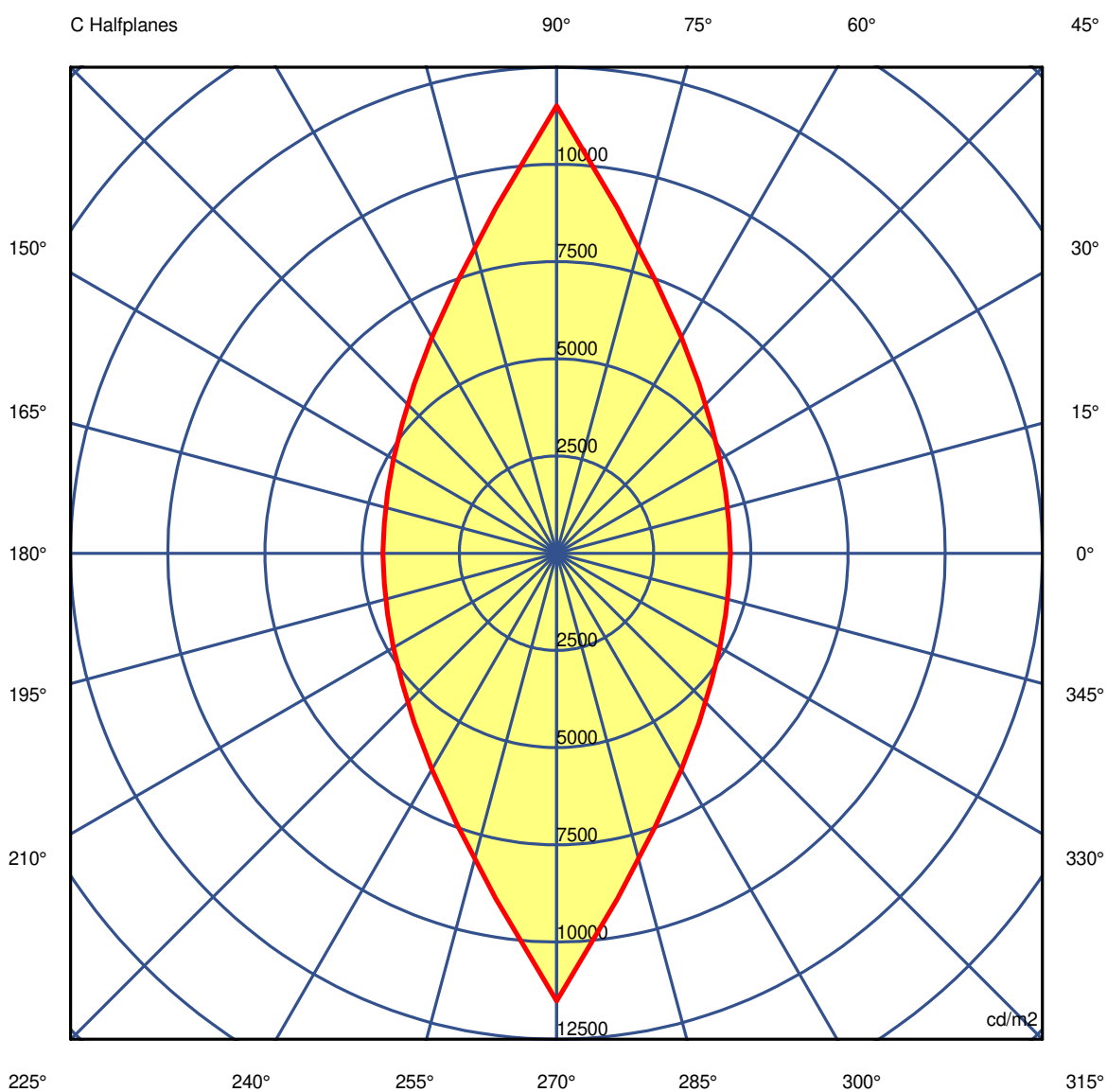
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Luminaire Flux	3585 lm	Luminaire Power	35.8 W	Efficacy	100.037 lm/W	Efficiency	56.63%
Source Flux	6331 lm	Maximum value	203.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

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Luminaire Flux	3585 lm	Luminaire Power		35.8 W		Efficacy		100.037 lm/W		Efficiency		56.63%	
Source Flux	6331 lm	Maximum value		203.50 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	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955
G 5.0	11294	11309	11366	11464	11613	11798	12018	12286	12581	12891	12581	12286	12018
G 10.0	9967	9987	10081	10248	10484	10795	11185	11648	12188	12804	12188	11648	11185
G 15.0	8866	8895	9010	9214	9508	9902	10409	11037	11794	12690	11794	11037	10409
G 20.0	7923	7959	8084	8307	8642	9092	9675	10432	11380	12557	11380	10432	9675
G 25.0	7099	7135	7267	7503	7859	8345	8991	9847	10959	12405	10959	9847	8991
G 30.0	6368	6395	6528	6774	7135	7640	8329	9261	10518	12233	10518	9261	8329
G 35.0	5688	5723	5856	6095	6455	6971	7690	8675	10051	12028	10051	8675	7690
G 40.0	5062	5094	5220	5453	5815	6331	7053	8074	9554	11793	9554	8074	7053
G 45.0	4470	4505	4626	4846	5191	5694	6414	7454	9016	11517	9016	7454	6414
G 50.0	3907	3939	4053	4259	4580	5057	5758	6799	8425	11194	8425	6799	5758
G 55.0	3356	3384	3485	3675	3980	4428	5089	6116	7777	10783	7777	6116	5089
G 60.0	2814	2836	2927	3099	3371	3779	4395	5365	7019	10299	7019	5365	4395
G 65.0	2266	2287	2365	2509	2744	3104	3655	4544	6130	9602	6130	4544	3655
G 70.0	1718	1735	1800	1919	2105	2398	2863	3633	5088	8693	5088	3633	2863
G 75.0	1182	1190	1235	1323	1462	1677	2025	2635	3865	7447	3865	2635	2025
G 80.0	673	680	708	760	842	977	1203	1596	2466	5732	2466	1596	1203
G 85.0	281	281	289	309	348	406	500	692	1157	3705	1157	692	500
G 90.0	38	39	40	43	49	58	73	104	192	1460	192	104	73

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Source Flux	6331 lm		Maximum value		203.50 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	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955	
G 5.0	11798	11613	11464	11366	11309	11294	11309	11366	11464	11613	11798	12018	12286	
G 10.0	10795	10484	10248	10081	9987	9967	9987	10081	10248	10484	10795	11185	11648	
G 15.0	9902	9508	9214	9010	8895	8866	8895	9010	9214	9508	9902	10409	11037	
G 20.0	9092	8642	8307	8084	7959	7923	7959	8084	8307	8642	9092	9675	10432	
G 25.0	8345	7859	7503	7267	7135	7099	7135	7267	7503	7859	8345	8991	9847	
G 30.0	7640	7135	6774	6528	6395	6368	6395	6528	6774	7135	7640	8329	9261	
G 35.0	6971	6455	6095	5856	5723	5688	5723	5856	6095	6455	6971	7690	8675	
G 40.0	6331	5815	5453	5220	5094	5062	5094	5220	5453	5815	6331	7053	8074	
G 45.0	5694	5191	4846	4626	4505	4470	4505	4626	4846	5191	5694	6414	7454	
G 50.0	5057	4580	4259	4053	3939	3907	3939	4053	4259	4580	5057	5758	6799	
G 55.0	4428	3980	3675	3485	3384	3356	3384	3485	3675	3980	4428	5089	6116	
G 60.0	3779	3371	3099	2927	2836	2814	2836	2927	3099	3371	3779	4395	5365	
G 65.0	3104	2744	2509	2365	2287	2266	2287	2365	2509	2744	3104	3655	4544	
G 70.0	2398	2105	1919	1800	1735	1718	1735	1800	1919	2105	2398	2863	3633	
G 75.0	1677	1462	1323	1235	1190	1182	1190	1235	1323	1462	1677	2025	2635	
G 80.0	977	842	760	708	680	673	680	708	760	842	977	1203	1596	
G 85.0	406	348	309	289	281	281	281	289	309	348	406	500	692	
G 90.0	58	49	43	40	39	38	39	40	43	49	58	73	104	

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Source Flux	6331 lm	Maximum value	203.50 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	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955
G 5.0	12581	12891	12581	12286	12018	11798	11613	11464	11366	11309
G 10.0	12188	12804	12188	11648	11185	10795	10484	10248	10081	9987
G 15.0	11794	12690	11794	11037	10409	9902	9508	9214	9010	8895
G 20.0	11380	12557	11380	10432	9675	9092	8642	8307	8084	7959
G 25.0	10959	12405	10959	9847	8991	8345	7859	7503	7267	7135
G 30.0	10518	12233	10518	9261	8329	7640	7135	6774	6528	6395
G 35.0	10051	12028	10051	8675	7690	6971	6455	6095	5856	5723
G 40.0	9554	11793	9554	8074	7053	6331	5815	5453	5220	5094
G 45.0	9016	11517	9016	7454	6414	5694	5191	4846	4626	4505
G 50.0	8425	11194	8425	6799	5758	5057	4580	4259	4053	3939
G 55.0	7777	10783	7777	6116	5089	4428	3980	3675	3485	3384
G 60.0	7019	10299	7019	5365	4395	3779	3371	3099	2927	2836
G 65.0	6130	9602	6130	4544	3655	3104	2744	2509	2365	2287
G 70.0	5088	8693	5088	3633	2863	2398	2105	1919	1800	1735
G 75.0	3865	7447	3865	2635	2025	1677	1462	1323	1235	1190
G 80.0	2466	5732	2466	1596	1203	977	842	760	708	680
G 85.0	1157	3705	1157	692	500	406	348	309	289	281
G 90.0	192	1460	192	104	73	58	49	43	40	39