

**Luminaire**

Code 90709L016-49

Name CONCEPT LINEA 35 /E L2248 BFLEX 840 SRT

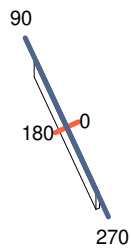
**Measurem.**

Code 31/7/2023

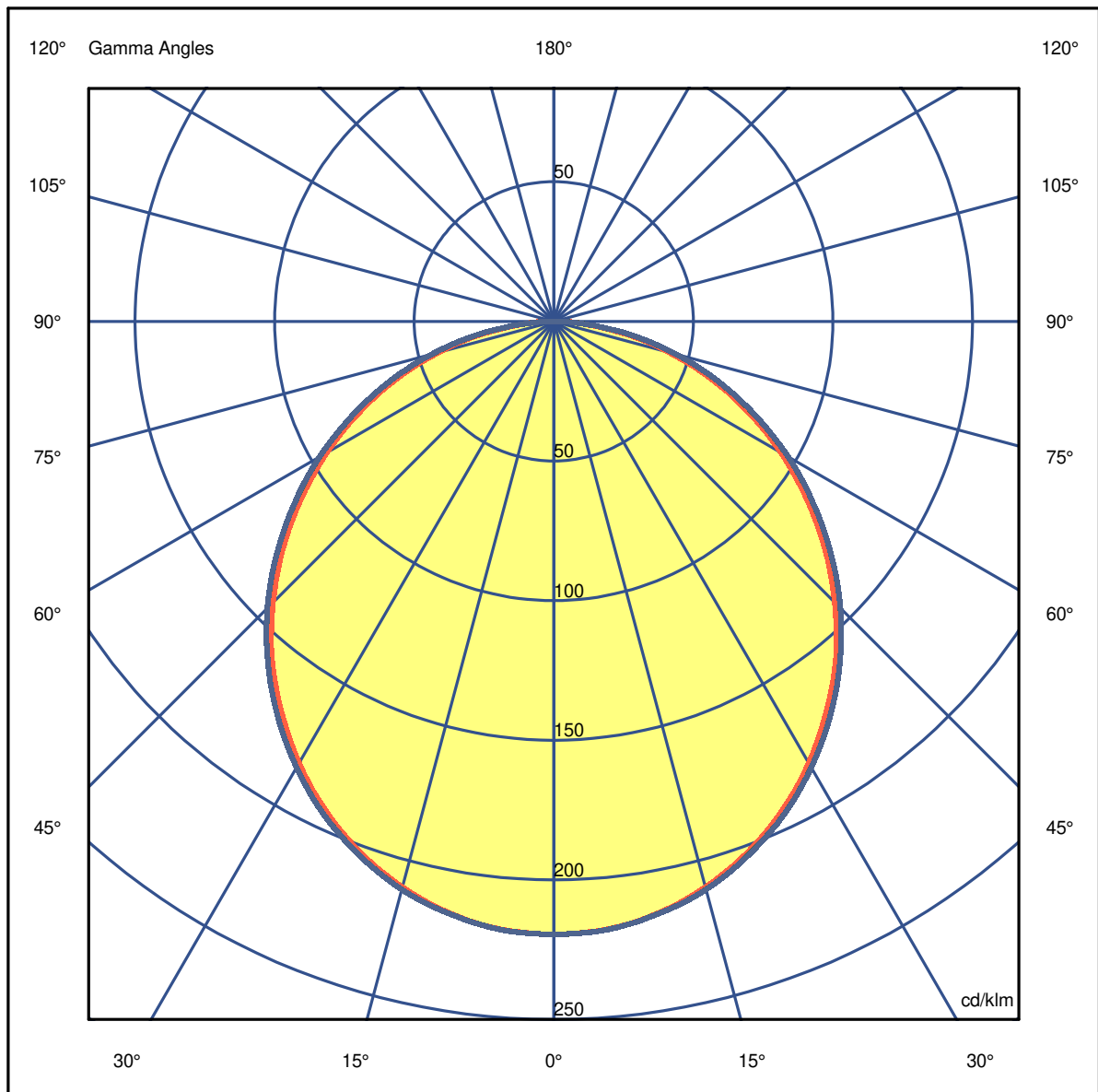
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Luminaire Flux	6559 lm	Luminaire Power	67.6 W	Efficacy	96.999 lm/W	Efficiency	62.59%
Source Flux	10480 lm	Maximum value	219.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

2248mm x 58mm



C Halfplanes



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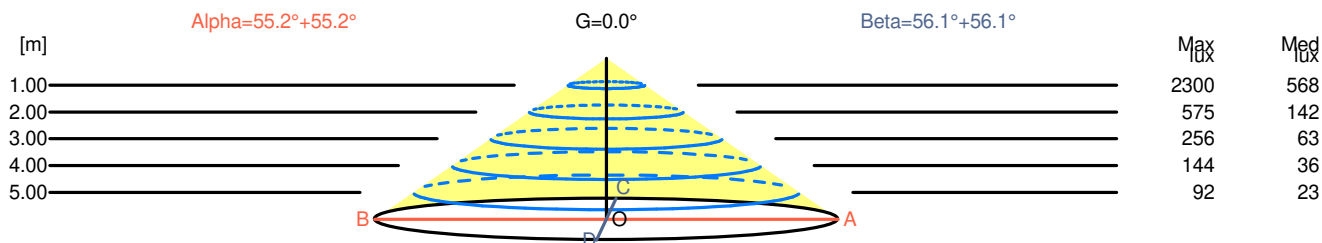
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Width at 50.00 % of Max Intensity

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	1.44	2.88	4.32	5.76	7.20	OC	1.49	2.98	4.47	5.96	7.45
OB	1.44	2.88	4.32	5.76	7.20	OD	1.49	2.98	4.47	5.96	7.45

	0	5	15	25	35	45	55	65	75	85
OA	2300.36	2289.88	2197.66	2026.83	1784.74	1491.30	1158.04	805.91	449.59	122.62
OB	2300.36	2289.88	2197.66	2026.83	1784.74	1491.30	1158.04	805.91	449.59	122.62
OC	2300.36	2290.93	2207.09	2042.55	1808.85	1521.70	1188.43	834.21	474.74	124.71
OD	2300.36	2290.93	2207.09	2042.55	1808.85	1521.70	1188.43	834.21	474.74	124.71



H[m]	D[m]	Max lux	Med lux	Alpha=55.2°+55.2°	G=0.0
1.00	2.88	2300	568		
2.00	5.76	575	142		
3.00	8.64	256	63		
4.00	11.52	144	36		
5.00	14.40	92	23		

H[m]	D[m]	Max lux	Med lux	Beta=56.1°+56.1°	G=0.0
1.00	2.98	2300	568		
2.00	5.96	575	142		
3.00	8.94	256	63		
4.00	11.91	144	36		
5.00	14.89	92	23		

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Source Flux	10480 lm	Maximum value	219.50 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	20.2	21.5	20.5	21.7	22.0	22.7	24.0	23.0	24.2	24.5
x=2H y=3H	21.2	22.4	21.5	22.7	23.0	24.3	25.5	24.6	25.8	26.0
x=2H y=4H	21.5	22.7	21.9	23.0	23.2	24.9	26.1	25.3	26.4	26.7
x=2H y=6H	21.7	22.8	22.1	23.1	23.4	25.4	26.5	25.8	26.8	27.1
x=2H y=8H	21.8	22.8	22.1	23.1	23.4	25.6	26.6	26.0	26.9	27.3
x=2H y=12H	21.8	22.7	22.1	23.1	23.4	25.7	26.7	26.1	27.0	27.4
x=4H y=2H	20.8	22.0	21.2	22.3	22.5	22.9	24.0	23.2	24.3	24.6
x=4H y=3H	22.0	23.0	22.4	23.3	23.7	24.6	25.6	25.0	25.9	26.3
x=4H y=4H	22.5	23.3	22.9	23.7	24.0	25.4	26.3	25.8	26.6	27.0
x=4H y=6H	22.7	23.5	23.2	23.9	24.3	26.0	26.7	26.4	27.1	27.5
x=4H y=8H	22.8	23.5	23.2	23.9	24.3	26.2	26.9	26.6	27.3	27.7
x=4H y=12H	22.8	23.5	23.3	23.9	24.3	26.3	26.9	26.7	27.3	27.8
x=8H y=4H	22.7	23.4	23.2	23.8	24.2	25.4	26.1	25.9	26.5	27.0
x=8H y=6H	23.1	23.7	23.5	24.1	24.5	26.1	26.6	26.5	27.1	27.5
x=8H y=8H	23.2	23.7	23.7	24.1	24.6	26.3	26.8	26.8	27.3	27.7
x=8H y=12H	23.2	23.7	23.7	24.1	24.6	26.5	26.9	27.0	27.4	27.9
x=12H y=4H	22.8	23.4	23.2	23.8	24.2	25.4	26.1	25.9	26.5	26.9
x=12H y=6H	23.1	23.6	23.6	24.1	24.6	26.1	26.6	26.5	27.0	27.5
x=12H y=8H	23.3	23.7	23.7	24.1	24.7	26.3	26.7	26.8	27.2	27.7

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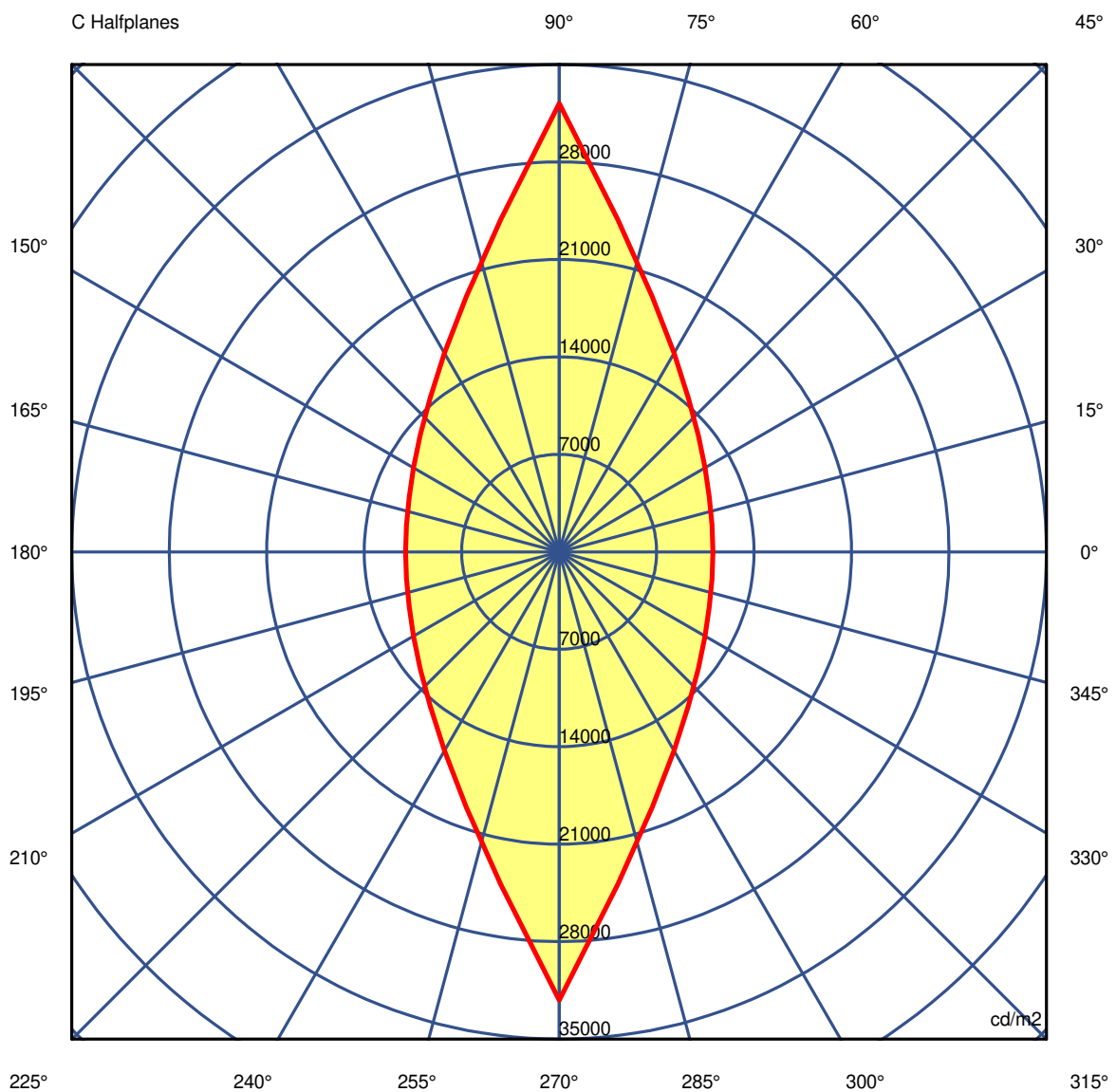
**Measurem.**

Code 31/7/2023

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Luminaire Flux	6559 lm	Luminaire Power	67.6 W	Efficacy	96.999 lm/W	Efficiency	62.59%
Source Flux	10480 lm	Maximum value	219.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Luminaire Flux	6559 lm			Luminaire Power		67.6 W		Efficacy		96.999 lm/W		Efficiency		62.59%	
Source Flux	10480 lm			Maximum value		219.50 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	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286
G 5.0	30163	30208	30395	30716	31142	31723	32456	33283	34199	35199	34199	33283	32456	30716	30163
G 10.0	26206	26271	26562	27070	27775	28723	29935	31388	33077	35007	33077	31388	29935	27070	26206
G 15.0	22999	23088	23447	24068	24929	26118	27679	29593	31943	34817	31943	29593	27679	24068	22999
G 20.0	20344	20453	20824	21474	22443	23791	25574	27856	30772	34501	30772	27856	25574	21474	20344
G 25.0	18051	18162	18548	19231	20235	21659	23601	26161	29571	34173	29571	26161	23601	19231	18051
G 30.0	16027	16126	16515	17210	18233	19690	21721	24496	28324	33744	28324	24496	21721	17210	16027
G 35.0	14209	14326	14706	15378	16397	17871	19948	22851	27024	33291	27024	22851	19948	15378	14209
G 40.0	12590	12662	13016	13676	14664	16106	18181	21168	25637	32766	25637	21168	18181	13676	12590
G 45.0	11037	11132	11467	12084	13036	14439	16486	19523	24235	32208	24235	19523	16486	12084	11037
G 50.0	9606	9682	10001	10585	11465	12794	14789	17797	22651	31477	22651	17797	14789	10585	9606
G 55.0	8241	8324	8610	9134	9955	11199	13085	16025	20977	30691	20977	16025	13085	9134	8241
G 60.0	6956	7026	7279	7754	8490	9625	11379	14168	19124	29866	19124	14168	11379	7279	6956
G 65.0	5690	5754	5970	6374	7030	8037	9605	12215	17072	28743	17072	12215	9605	6374	5690
G 70.0	4465	4514	4696	5043	5585	6445	7825	10139	14728	27538	14728	10139	7825	5043	4465
G 75.0	3247	3289	3441	3724	4135	4807	5928	7845	11927	25743	11927	7845	5928	3724	3247
G 80.0	2068	2074	2180	2386	2670	3129	3915	5326	8564	22875	8564	5326	3915	2386	2068
G 85.0	935	937	990	1093	1230	1461	1862	2575	4363	17085	4363	2575	1862	1093	935
G 90.0	275	199	207	267	270	323	472	598	1013	14197	1013	598	472	267	275

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Source Flux		10480 lm		Maximum value		219.50 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	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286
G 5.0	31723	31142	30716	30395	30208	30163	30208	30395	30716	31142	31723	32456	33283												
G 10.0	28723	27775	27070	26562	26271	26206	26271	26562	27070	27775	28723	29935	31388												
G 15.0	26118	24929	24068	23447	23088	22999	23088	23447	24068	24929	26118	27679	29593												
G 20.0	23791	22443	21474	20824	20453	20344	20453	20824	21474	22443	23791	25574	27856												
G 25.0	21659	20235	19231	18548	18162	18051	18162	18548	19231	20235	21659	23601	26161												
G 30.0	19690	18233	17210	16515	16126	16027	16126	16515	17210	18233	19690	21721	24496												
G 35.0	17871	16397	15378	14706	14326	14209	14326	14706	15378	16397	17871	19948	22851												
G 40.0	16106	14664	13676	13016	12662	12590	12662	13016	13676	14664	16106	18181	21168												
G 45.0	14439	13036	12084	11467	11132	11037	11132	11467	12084	13036	14439	16486	19523												
G 50.0	12794	11465	10585	10001	9682	9606	9682	10001	10585	11465	12794	14789	17797												
G 55.0	11199	9955	9134	8610	8324	8241	8324	8610	9134	9955	11199	13085	16025												
G 60.0	9625	8490	7754	7279	7026	6956	7026	7279	7754	8490	9625	11379	14168												
G 65.0	8037	7030	6374	5970	5754	5690	5754	5970	6374	7030	8037	9605	12215												
G 70.0	6445	5585	5043	4696	4514	4465	4514	4696	5043	5585	6445	7825	10139												
G 75.0	4807	4135	3724	3441	3289	3247	3289	3441	3724	4135	4807	5928	7845												
G 80.0	3129	2670	2386	2180	2074	2068	2074	2180	2386	2670	3129	3915	5326												
G 85.0	1461	1230	1093	990	937	935	937	990	1093	1230	1461	1862	2575												
G 90.0	323	270	267	207	199	275	199	207	267	270	323	472	598												

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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	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286
G 5.0	34199	35199	34199	33283	32456	31723	31142	30716	30395	30208
G 10.0	33077	35007	33077	31388	29935	28723	27775	27070	26562	26271
G 15.0	31943	34817	31943	29593	27679	26118	24929	24068	23447	23088
G 20.0	30772	34501	30772	27856	25574	23791	22443	21474	20824	20453
G 25.0	29571	34173	29571	26161	23601	21659	20235	19231	18548	18162
G 30.0	28324	33744	28324	24496	21721	19690	18233	17210	16515	16126
G 35.0	27024	33291	27024	22851	19948	17871	16397	15378	14706	14326
G 40.0	25637	32766	25637	21168	18181	16106	14664	13676	13016	12662
G 45.0	24235	32208	24235	19523	16486	14439	13036	12084	11467	11132
G 50.0	22651	31477	22651	17797	14789	12794	11465	10585	10001	9682
G 55.0	20977	30691	20977	16025	13085	11199	9955	9134	8610	8324
G 60.0	19124	29866	19124	14168	11379	9625	8490	7754	7279	7026
G 65.0	17072	28743	17072	12215	9605	8037	7030	6374	5970	5754
G 70.0	14728	27538	14728	10139	7825	6445	5585	5043	4696	4514
G 75.0	11927	25743	11927	7845	5928	4807	4135	3724	3441	3289
G 80.0	8564	22875	8564	5326	3915	3129	2670	2386	2180	2074
G 85.0	4363	17085	4363	2575	1862	1461	1230	1093	990	937
G 90.0	1013	14197	1013	598	472	323	270	267	207	199