

**Luminaire**

Code 90542L020-49

Name CONCEPT LINEA 35 D/I L2810 BFLEX 840 SRT

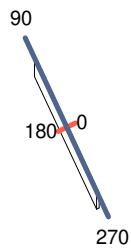
**Measurem.**

Code 31/7/2023

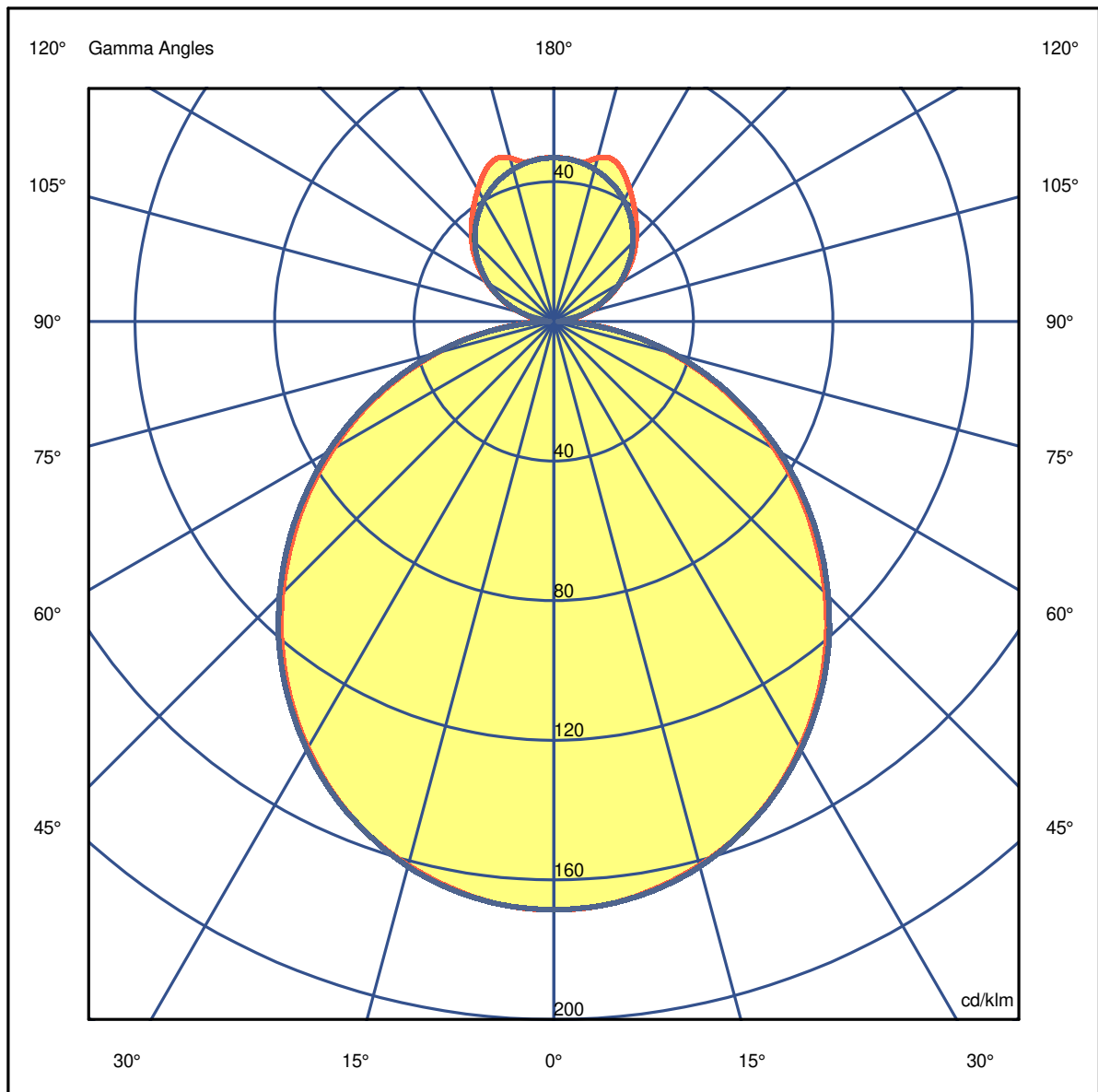
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Luminaire Flux	10382 lm	Luminaire Power	109.5 W	Efficacy	94.782 lm/W	Efficiency	63.40%
Source Flux	16375 lm	Maximum value	168.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

2810mm x 55mm



C Halfplanes



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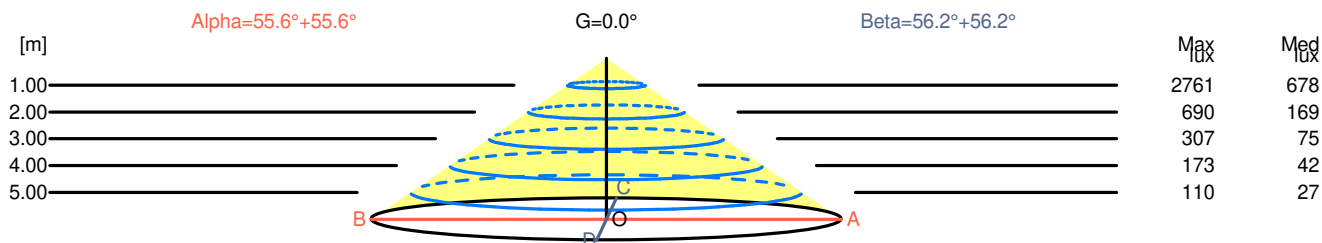
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Width at 50.00 % of Max Intensity

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	1.46	2.92	4.38	5.84	7.30	OC	1.49	2.98	4.47	5.97	7.46
OB	1.46	2.92	4.38	5.84	7.30	OD	1.49	2.98	4.47	5.97	7.46

	0	5	15	25	35	45	55	65	75	85
OA	2760.82	2747.73	2641.29	2446.43	2156.59	1801.25	1404.97	989.05	569.85	171.94
OB	2760.82	2747.73	2641.29	2446.43	2156.59	1801.25	1404.97	989.05	569.85	171.94
OC	2760.82	2747.73	2647.84	2449.70	2169.69	1820.90	1427.90	1008.70	579.67	158.84
OD	2760.82	2747.73	2647.84	2449.70	2169.69	1820.90	1427.90	1008.70	579.67	158.84



H[m]	D[m]	Max lux	Med lux	Alpha=55.6°+55.6°	G=0.0	
1.00	2.92	2761	678			
2.00	5.84	690	169			
3.00	8.76	307	75			
4.00	11.68	173	42			
5.00	14.60	110	27			

H[m]	D[m]	Max lux	Med lux	Beta=56.2°+56.2°	G=0.0	
1.00	2.98	2761	678			
2.00	5.97	690	169			
3.00	8.95	307	75			
4.00	11.93	173	42			
5.00	14.92	110	27			

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Source Flux	16375 lm	Maximum value	168.60 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	18.6	19.7	19.3	20.3	21.0	21.1	22.2	21.7	22.8	23.4
x=2H y=3H	19.7	20.6	20.3	21.2	21.9	22.7	23.7	23.3	24.3	25.0
x=2H y=4H	20.0	20.9	20.7	21.5	22.3	23.4	24.2	24.0	24.9	25.6
x=2H y=6H	20.2	21.0	20.9	21.7	22.4	23.9	24.7	24.5	25.3	26.1
x=2H y=8H	20.2	21.0	20.9	21.7	22.4	24.0	24.8	24.7	25.5	26.2
x=2H y=12H	20.2	21.0	20.9	21.6	22.4	24.1	24.9	24.8	25.5	26.3
x=4H y=2H	19.3	20.1	19.9	20.8	21.5	21.3	22.2	21.9	22.8	23.6
x=4H y=3H	20.4	21.1	21.1	21.8	22.6	23.0	23.7	23.7	24.4	25.2
x=4H y=4H	20.8	21.5	21.5	22.2	23.0	23.7	24.4	24.4	25.0	25.9
x=4H y=6H	21.1	21.7	21.8	22.4	23.2	24.3	24.8	25.0	25.6	26.4
x=4H y=8H	21.2	21.7	21.9	22.4	23.3	24.5	25.0	25.2	25.7	26.6
x=4H y=12H	21.2	21.6	21.9	22.4	23.3	24.6	25.1	25.3	25.8	26.7
x=8H y=4H	21.0	21.6	21.8	22.3	23.2	23.7	24.2	24.4	25.0	25.8
x=8H y=6H	21.4	21.8	22.2	22.6	23.5	24.3	24.8	25.1	25.5	26.4
x=8H y=8H	21.5	21.9	22.3	22.6	23.6	24.6	24.9	25.3	25.7	26.6
x=8H y=12H	21.5	21.9	22.3	22.7	23.6	24.7	25.0	25.5	25.8	26.8
x=12H y=4H	21.0	21.5	21.8	22.3	23.1	23.6	24.1	24.4	24.9	25.8
x=12H y=6H	21.4	21.8	22.2	22.6	23.5	24.3	24.7	25.1	25.4	26.4
x=12H y=8H	21.5	21.9	22.3	22.7	23.6	24.5	24.9	25.3	25.7	26.6

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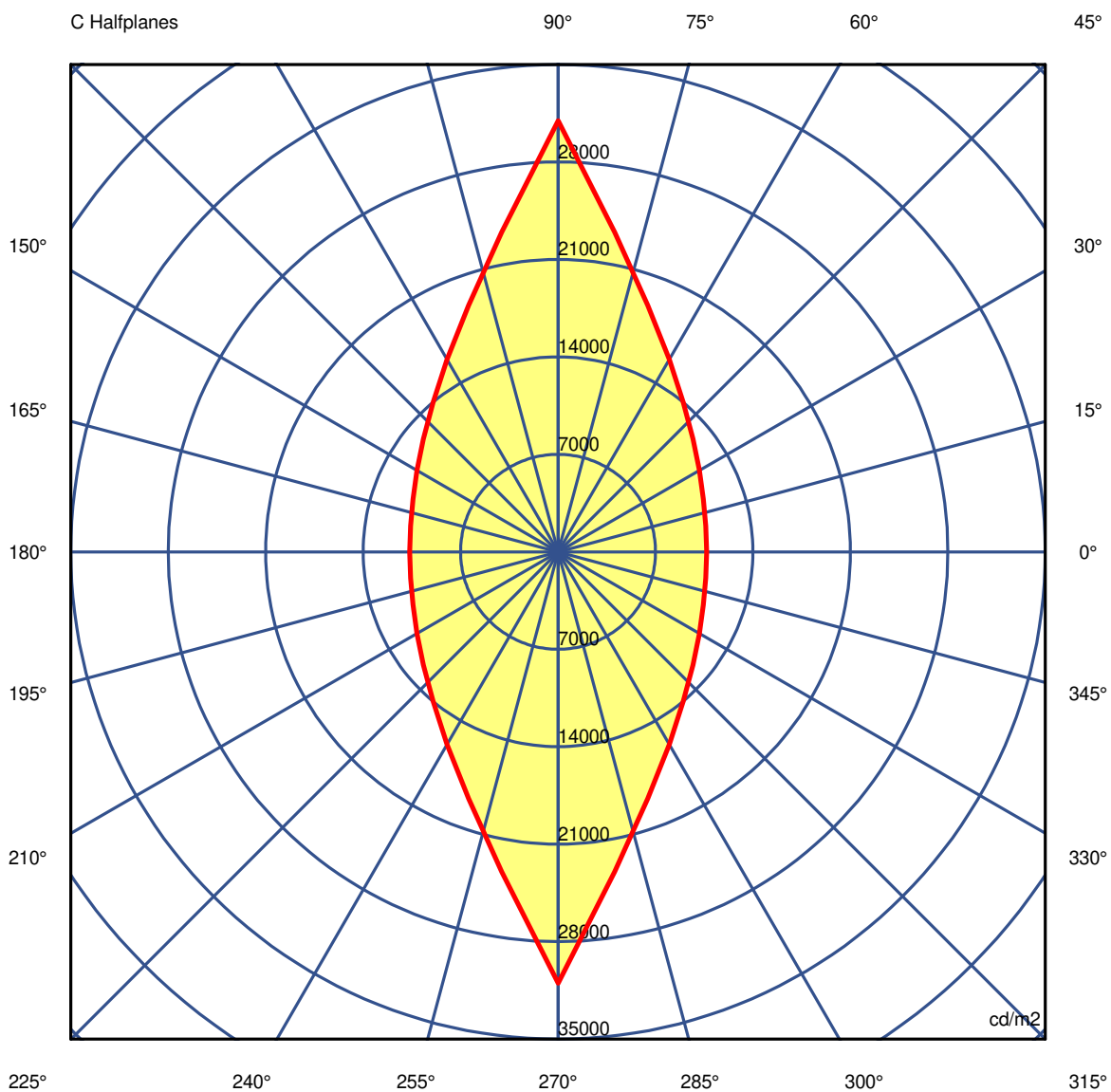
**Measurem.**

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Name CONCEPT LINEA 35 D/I L2810 BFLEX 840 SRT

Luminaire Flux	10382 lm	Luminaire Power	109.5 W	Efficacy	94.782 lm/W	Efficiency	63.40%
Source Flux	16375 lm	Maximum value	168.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Luminaire Flux	10382 lm	Luminaire Power		109.5 W		Efficacy		94.782 lm/W		Efficiency		63.40%	
Source Flux	16375 lm	Maximum value		168.60 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	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879
G 5.0	28956	29030	29202	29487	29930	30500	31168	31934	32811	33788	32811	31934	31168
G 10.0	25146	25244	25530	26012	26703	27618	28764	30126	31748	33651	31748	30126	28764
G 15.0	22114	22215	22555	23144	23987	25130	26611	28430	30685	33460	30685	28430	26611
G 20.0	19615	19725	20078	20690	21615	22896	24586	26764	29565	33161	29565	26764	24586
G 25.0	17430	17548	17930	18588	19545	20876	22700	25175	28459	32864	28459	25175	22700
G 30.0	15470	15584	15971	16655	17663	19044	20932	23574	27257	32482	27257	23574	20932
G 35.0	13735	13847	14217	14879	15883	17297	19254	22001	25999	32056	25999	22001	19254
G 40.0	12143	12248	12607	13248	14216	15627	17625	20441	24696	31579	24696	20441	17625
G 45.0	10665	10767	11105	11718	12631	13995	15981	18842	23322	30983	23322	18842	15981
G 50.0	9280	9377	9696	10268	11143	12440	14340	17187	21834	30384	21834	17187	14340
G 55.0	7999	8085	8371	8896	9690	10889	12710	15541	20311	29704	20311	15541	12710
G 60.0	6762	6843	7103	7568	8285	9382	11080	13804	18610	28981	18610	13804	11080
G 65.0	5586	5659	5882	6284	6922	7913	9456	11971	16668	28089	16668	11971	9456
G 70.0	4417	4487	4673	5006	5549	6387	7717	10016	14520	26960	14520	10016	7717
G 75.0	3292	3343	3495	3765	4181	4837	5921	7860	11931	25582	11931	7860	5921
G 80.0	2169	2208	2317	2503	2788	3255	4049	5486	8725	23081	8725	5486	4049
G 85.0	1049	1073	1147	1254	1360	1576	2017	2802	4685	18215	4685	2802	2017
G 90.0	385	425	482	514	456	474	593	692	997	15125	997	692	593

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Luminaire Flux		10382 lm		Luminaire Power		109.5 W		Efficacy		94.782 lm/W		Efficiency		63.40%											
Source Flux		16375 lm		Maximum value		168.60 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	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879
G 5.0	30500	29930	29487	29202	29030	28956	29030	29202	29487	29930	30500	31168	31934	32700	33466	34232	35000	35768	36536	37304	38072	38840	39608	40376	41144
G 10.0	27618	26703	26012	25530	25244	25146	25244	25530	26012	26703	27618	28764	30126	31500	32876	34252	35628	37004	38380	39756	41132	42508	43884	45260	46636
G 15.0	25130	23987	23144	22555	22215	22114	22215	22555	23144	23987	25130	26611	28430	30496	32800	35344	38128	41152	44416	47920	51672	55680	59944	64472	69272
G 20.0	22896	21615	20690	20078	19725	19615	19725	20078	20690	21615	22896	24586	26764	29440	32608	36272	40432	45184	50528	56464	63000	70248	78208	86880	96272
G 25.0	20876	19545	18588	17930	17548	17430	17548	17930	18588	19545	20876	22700	25175	28200	31776	35904	40584	45816	51600	58032	65120	72864	81272	90352	100112
G 30.0	19044	17663	16655	15971	15584	15470	15584	15971	16655	17663	19044	20932	23574	26880	30848	35472	40752	46688	53280	60624	68720	77576	87200	97600	108784
G 35.0	17297	15883	14879	14217	13847	13735	13847	14217	14879	15883	17297	19254	22001	25544	29872	34992	40800	47296	54480	62352	71008	80544	90960	102256	114432
G 40.0	15627	14216	13248	12607	12248	12143	12248	12607	13248	14216	15627	17625	20441	24144	28720	34176	40512	47728	55712	64464	74080	84656	96192	108784	122432
G 45.0	13995	12631	11718	11105	10767	10665	10767	11105	11718	12631	13995	15981	18842	22656	27424	33144	40000	48080	57384	67912	79664	92640	106944	122672	139824
G 50.0	12440	11143	10268	9696	9377	9280	9377	9696	10268	11143	12440	14340	17187	21000	25776	31512	38304	46240	55320	65544	77000	89776	103872	119384	136416
G 55.0	10889	9690	8896	8371	8085	7999	8085	8371	8896	9690	10889	12710	15541	19360	24176	29992	36800	44688	53752	64080	75672	88520	102720	118272	135184
G 60.0	9382	8285	7568	7103	6843	6762	6843	7103	7568	8285	9382	11080	13804	17520	22224	27912	34576	42208	50800	60352	70960	82720	95632	109792	125200
G 65.0	7913	6922	6284	5882	5659	5586	5659	5882	6284	6922	7913	9456	11971	15488	19992	25480	31944	39472	48064	57712	68512	80464	93576	107840	123264
G 70.0	6387	5549	5006	4673	4487	4417	4487	4673	5006	5549	6387	7717	10016	13200	17264	22208	28120	35000	42848	51664	61440	72272	84160	97192	111376
G 75.0	4837	4181	3765	3495	3343	3292	3343	3495	3765	4181	4837	5921	7860	10560	14112	18608	24144	30720	38336	47080	56960	68072	80504	94344	109584
G 80.0	3255	2788	2503	2317	2208	2169	2208	2317	2503	2788	3255	4049	5486	7296	9984	13648	18288	24000	30784	38736	47952	58432	70176	83280	97840
G 85.0	1576	1360	1254	1147	1073	1049	1073	1147	1254	1360	1576	2017	2802	3840	5232	7072	9456	12480	16240	20832	26352	32904	40496	49224	59080
G 90.0	474	456	514	482	425	385	425	482	514	456	474	593	692	880	1168	1560	2064	2704	3504	4480	5640	6984	8512	10224	12120

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Source Flux	16375 lm	Maximum value	168.60 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	33879	33879	33879	33879	33879	33879	33879	33879	33879	33879
G 5.0	32811	33788	32811	31934	31168	30500	29930	29487	29202	29030
G 10.0	31748	33651	31748	30126	28764	27618	26703	26012	25530	25244
G 15.0	30685	33460	30685	28430	26611	25130	23987	23144	22555	22215
G 20.0	29565	33161	29565	26764	24586	22896	21615	20690	20078	19725
G 25.0	28459	32864	28459	25175	22700	20876	19545	18588	17930	17548
G 30.0	27257	32482	27257	23574	20932	19044	17663	16655	15971	15584
G 35.0	25999	32056	25999	22001	19254	17297	15883	14879	14217	13847
G 40.0	24696	31579	24696	20441	17625	15627	14216	13248	12607	12248
G 45.0	23322	30983	23322	18842	15981	13995	12631	11718	11105	10767
G 50.0	21834	30384	21834	17187	14340	12440	11143	10268	9696	9377
G 55.0	20311	29704	20311	15541	12710	10889	9690	8896	8371	8085
G 60.0	18610	28981	18610	13804	11080	9382	8285	7568	7103	6843
G 65.0	16668	28089	16668	11971	9456	7913	6922	6284	5882	5659
G 70.0	14520	26960	14520	10016	7717	6387	5549	5006	4673	4487
G 75.0	11931	25582	11931	7860	5921	4837	4181	3765	3495	3343
G 80.0	8725	23081	8725	5486	4049	3255	2788	2503	2317	2208
G 85.0	4685	18215	4685	2802	2017	1576	1360	1254	1147	1073
G 90.0	997	15125	997	692	593	474	456	514	482	425