

Luminaire

Code 90541L020-49

Name CONCEPT LINEA 35 L2810 BFLEX 830 SRT

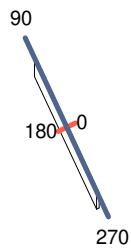
Measurem.

Code 31/7/2023

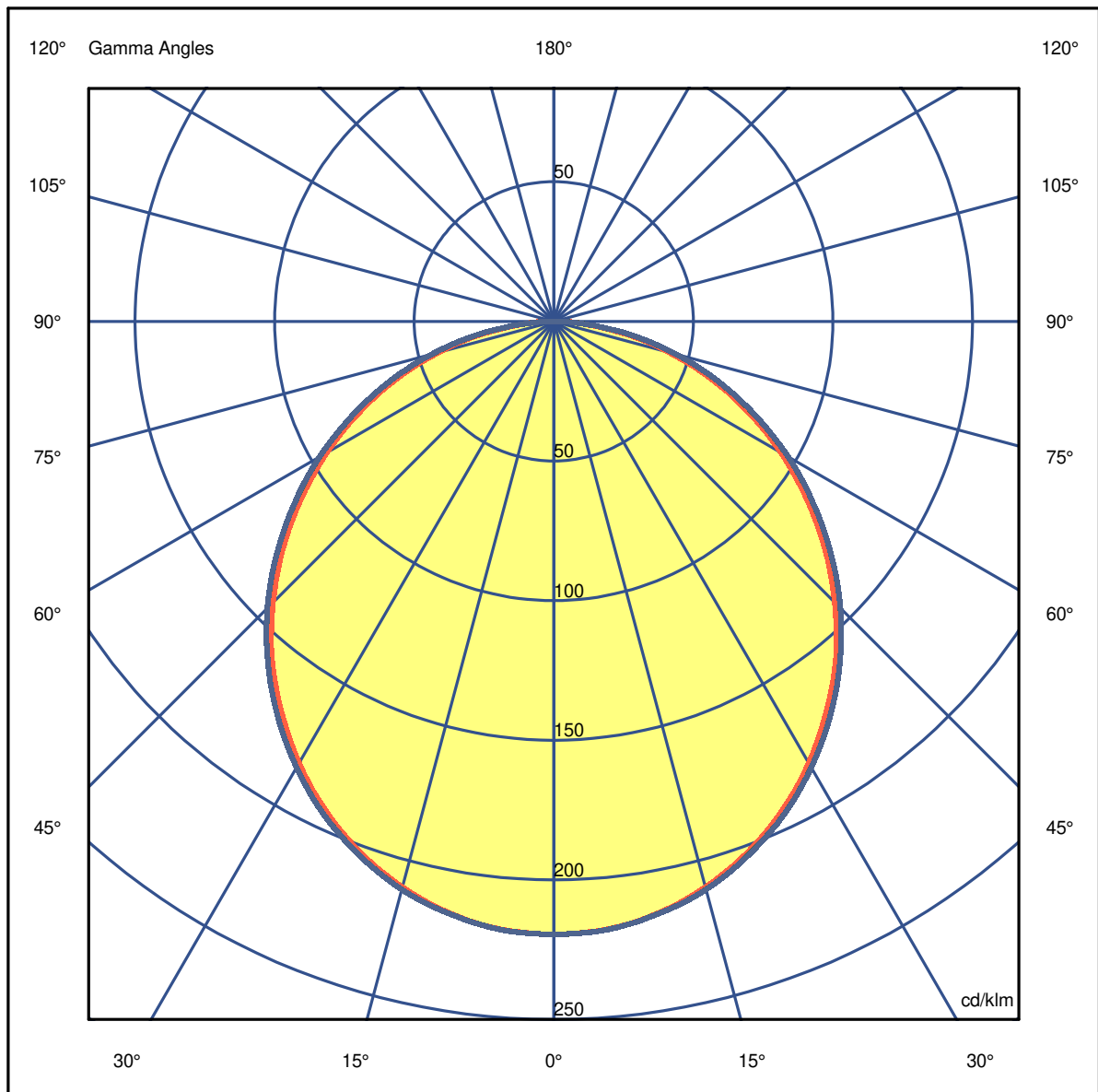
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Luminaire Flux	7961 lm	Luminaire Power	83.1 W	Efficacy	95.789 lm/W	Efficiency	62.59%
Source Flux	12720 lm	Maximum value	219.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

2810mm x 55mm



C Halfplanes



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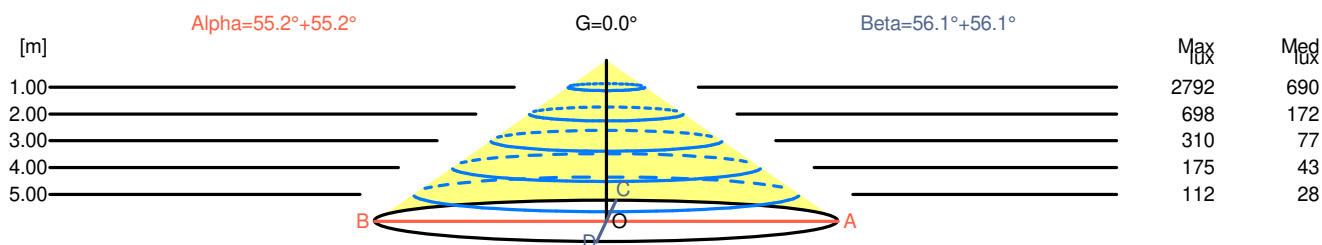
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Width at 50.00 % of Max Intensity

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	1.44	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	2792.04	2779.32	2667.38	2460.05	2166.22	1810.06	1405.56	978.17	545.69	148.82
OB	2792.04	2779.32	2667.38	2460.05	2166.22	1810.06	1405.56	978.17	545.69	148.82
OC	2792.04	2780.59	2678.83	2479.13	2195.47	1846.94	1442.45	1012.51	576.22	151.37
OD	2792.04	2780.59	2678.83	2479.13	2195.47	1846.94	1442.45	1012.51	576.22	151.37



H[m]	D[m]	Max lux	Med lux	Alpha=55.2°+55.2°	G=0.0	
1.00	2.88	2792	690			
2.00	5.76	698	172			
3.00	8.64	310	77			
4.00	11.52	175	43			
5.00	14.40	112	28			

H[m]	D[m]	Max lux	Med lux	Beta=56.1°+56.1°	G=0.0	
1.00	2.98	2792	690			
2.00	5.96	698	172			
3.00	8.94	310	77			
4.00	11.91	175	43			
5.00	14.89	112	28			

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Source Flux	12720 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	20.1	21.4	20.4	21.6	21.9	22.6	23.9	22.9	24.1	24.4
x=2H y=3H	21.1	22.3	21.4	22.6	22.9	24.2	25.4	24.5	25.7	26.0
x=2H y=4H	21.4	22.6	21.8	22.9	23.1	24.8	26.0	25.2	26.3	26.6
x=2H y=6H	21.6	22.7	22.0	23.0	23.3	25.4	26.4	25.7	26.7	27.0
x=2H y=8H	21.7	22.7	22.0	23.0	23.3	25.5	26.5	25.9	26.9	27.2
x=2H y=12H	21.7	22.6	22.0	23.0	23.3	25.6	26.6	26.0	26.9	27.3
x=4H y=2H	20.7	21.9	21.1	22.2	22.5	22.8	23.9	23.1	24.2	24.5
x=4H y=3H	21.9	22.9	22.3	23.2	23.6	24.5	25.5	24.9	25.8	26.2
x=4H y=4H	22.4	23.2	22.8	23.6	23.9	25.3	26.2	25.7	26.5	26.9
x=4H y=6H	22.6	23.4	23.1	23.8	24.2	25.9	26.7	26.3	27.0	27.4
x=4H y=8H	22.7	23.4	23.1	23.8	24.2	26.1	26.8	26.5	27.2	27.6
x=4H y=12H	22.7	23.4	23.2	23.8	24.2	26.2	26.9	26.7	27.3	27.7
x=8H y=4H	22.6	23.3	23.1	23.7	24.1	25.4	26.1	25.8	26.4	26.9
x=8H y=6H	23.0	23.6	23.4	24.0	24.4	26.0	26.6	26.4	27.0	27.5
x=8H y=8H	23.1	23.6	23.6	24.0	24.5	26.2	26.7	26.7	27.2	27.7
x=8H y=12H	23.1	23.6	23.6	24.0	24.6	26.4	26.8	26.9	27.3	27.8
x=12H y=4H	22.7	23.3	23.1	23.7	24.1	25.3	26.0	25.8	26.4	26.8
x=12H y=6H	23.0	23.5	23.5	24.0	24.5	26.0	26.5	26.5	26.9	27.4
x=12H y=8H	23.2	23.6	23.6	24.0	24.6	26.2	26.7	26.7	27.1	27.7

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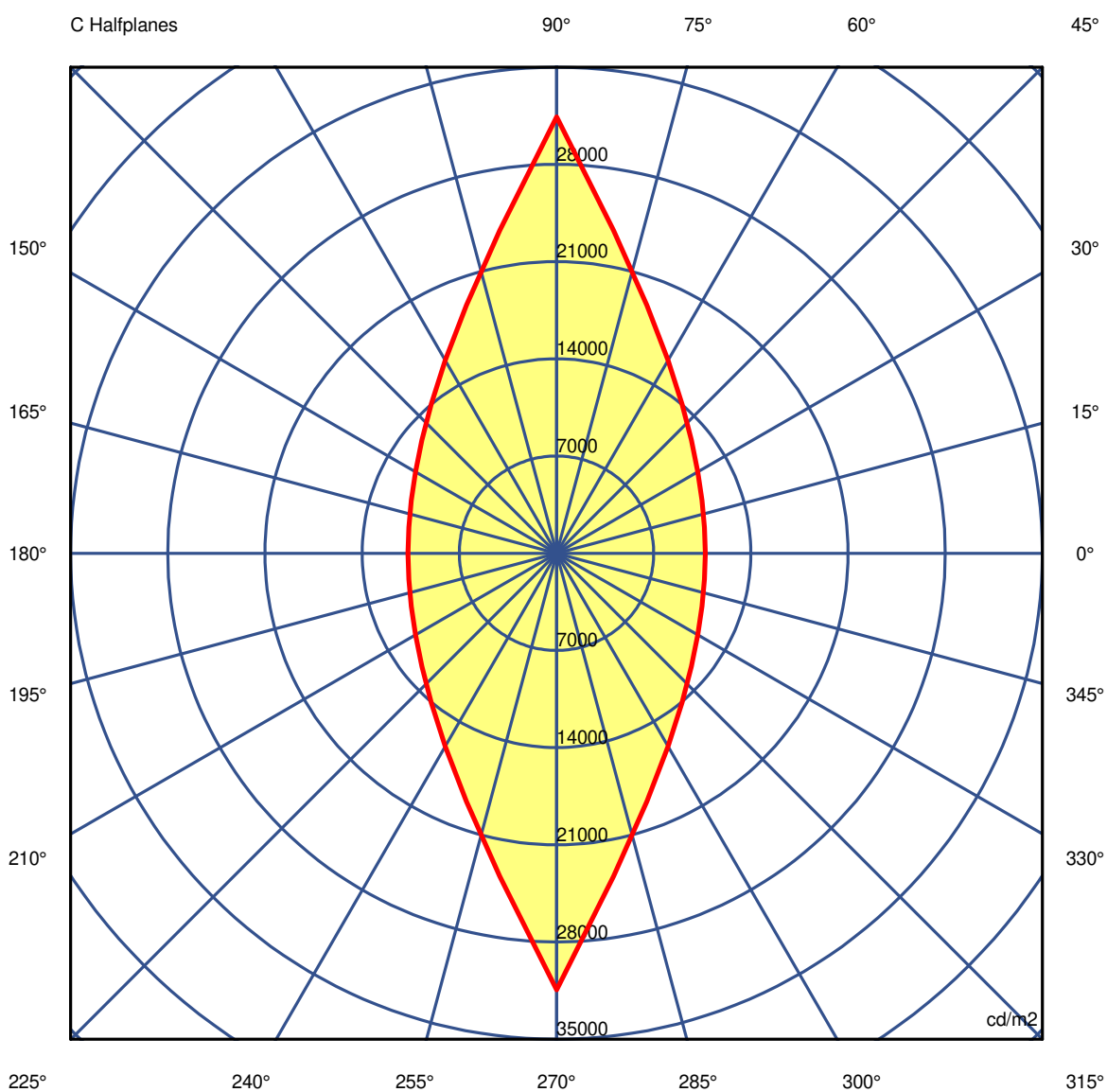
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Luminaire Flux	7961 lm	Luminaire Power	83.1 W	Efficacy	95.789 lm/W	Efficiency	62.59%
Source Flux	12720 lm	Maximum value	219.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Luminaire Flux	7961 lm		Luminaire Power		83.1 W		Efficacy		95.789 lm/W		Efficiency		62.59%	
Source Flux	12720 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	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	
G 5.0	29288	29334	29517	29830	30246	30812	31526	32330	33221	34193	33221	32330	31526	
G 10.0	25445	25512	25797	26294	26981	27905	29085	30500	32144	34022	32144	30500	29085	
G 15.0	22332	22422	22773	23380	24220	25380	26900	28765	31054	33852	31054	28765	26900	
G 20.0	19754	19864	20228	20863	21809	23123	24861	27085	29926	33560	29926	27085	24861	
G 25.0	17527	17639	18018	18685	19666	21054	22948	25445	28769	33258	28769	25445	22948	
G 30.0	15562	15662	16043	16723	17721	19143	21124	23832	27567	32858	27567	23832	21124	
G 35.0	13797	13914	14287	14944	15939	17377	19404	22237	26312	32437	26312	22237	19404	
G 40.0	12224	12298	12646	13291	14256	15663	17689	20605	24973	31946	24973	20605	17689	
G 45.0	10717	10813	11141	11744	12674	14043	16043	19009	23617	31426	23617	19009	16043	
G 50.0	9327	9404	9717	10288	11147	12445	14394	17334	22085	30742	22085	17334	14394	
G 55.0	8002	8085	8366	8878	9680	10896	12738	15613	20463	30007	20463	15613	12738	
G 60.0	6754	6825	7073	7538	8257	9365	11079	13808	18667	29241	18667	13808	11079	
G 65.0	5525	5589	5801	6196	6838	7821	9354	11909	16676	28195	16676	11909	9354	
G 70.0	4336	4385	4563	4903	5432	6273	7623	9889	14399	27087	14399	9889	7623	
G 75.0	3153	3195	3343	3621	4022	4679	5775	7655	11672	25429	11672	7655	5775	
G 80.0	2008	2015	2118	2320	2598	3047	3815	5200	8393	22775	8393	5200	3815	
G 85.0	908	910	962	1062	1197	1422	1815	2516	4283	17358	4283	2516	1815	
G 90.0	267	194	201	260	263	314	461	585	997	17232	997	585	461	

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Source Flux		12720 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	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262
G 5.0	30812	30246	29830	29517	29334	29288	29334	29517	29830	30246	30812	31526	32330												
G 10.0	27905	26981	26294	25797	25512	25445	25512	25797	26294	26981	27905	29085	30500												
G 15.0	25380	24220	23380	22773	22422	22332	22422	22773	23380	24220	25380	26900	28765												
G 20.0	23123	21809	20863	20228	19864	19754	19864	20228	20863	21809	23123	24861	27085												
G 25.0	21054	19666	18685	18018	17639	17527	17639	18018	18685	19666	21054	22948	25445												
G 30.0	19143	17721	16723	16043	15662	15562	15662	16043	16723	17721	19143	21124	23832												
G 35.0	17377	15939	14944	14287	13914	13797	13914	14287	14944	15939	17377	19404	22237												
G 40.0	15663	14256	13291	12646	12298	12224	12298	12646	13291	14256	15663	17689	20605												
G 45.0	14043	12674	11744	11141	10813	10717	10813	11141	11744	12674	14043	16043	19009												
G 50.0	12445	11147	10288	9717	9404	9327	9404	9717	10288	11147	12445	14394	17334												
G 55.0	10896	9680	8878	8366	8085	8002	8085	8366	8878	9680	10896	12738	15613												
G 60.0	9365	8257	7538	7073	6825	6754	6825	7073	7538	8257	9365	11079	13808												
G 65.0	7821	6838	6196	5801	5589	5525	5589	5801	6196	6838	7821	9354	11909												
G 70.0	6273	5432	4903	4563	4385	4336	4385	4563	4903	5432	6273	7623	9889												
G 75.0	4679	4022	3621	3343	3195	3153	3195	3343	3621	4022	4679	5775	7655												
G 80.0	3047	2598	2320	2118	2015	2008	2015	2118	2320	2598	3047	3815	5200												
G 85.0	1422	1197	1062	962	910	908	910	962	1062	1197	1422	1815	2516												
G 90.0	314	263	260	201	194	267	194	201	260	263	314	461	585												

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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	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262
G 5.0	33221	34193	33221	32330	31526	30812	30246	29830	29517	29334
G 10.0	32144	34022	32144	30500	29085	27905	26981	26294	25797	25512
G 15.0	31054	33852	31054	28765	26900	25380	24220	23380	22773	22422
G 20.0	29926	33560	29926	27085	24861	23123	21809	20863	20228	19864
G 25.0	28769	33258	28769	25445	22948	21054	19666	18685	18018	17639
G 30.0	27567	32858	27567	23832	21124	19143	17721	16723	16043	15662
G 35.0	26312	32437	26312	22237	19404	17377	15939	14944	14287	13914
G 40.0	24973	31946	24973	20605	17689	15663	14256	13291	12646	12298
G 45.0	23617	31426	23617	19009	16043	14043	12674	11744	11141	10813
G 50.0	22085	30742	22085	17334	14394	12445	11147	10288	9717	9404
G 55.0	20463	30007	20463	15613	12738	10896	9680	8878	8366	8085
G 60.0	18667	29241	18667	13808	11079	9365	8257	7538	7073	6825
G 65.0	16676	28195	16676	11909	9354	7821	6838	6196	5801	5589
G 70.0	14399	27087	14399	9889	7623	6273	5432	4903	4563	4385
G 75.0	11672	25429	11672	7655	5775	4679	4022	3621	3343	3195
G 80.0	8393	22775	8393	5200	3815	3047	2598	2320	2118	2015
G 85.0	4283	17358	4283	2516	1815	1422	1197	1062	962	910
G 90.0	997	17232	997	585	461	314	263	260	201	194