

**Luminaire**

Code 90709L020-49

Name CONCEPT LINEA 35 /E L2810 BFLEX 840 SRT

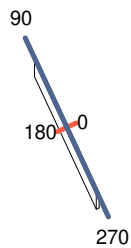
**Measurem.**

Code 31/7/2023

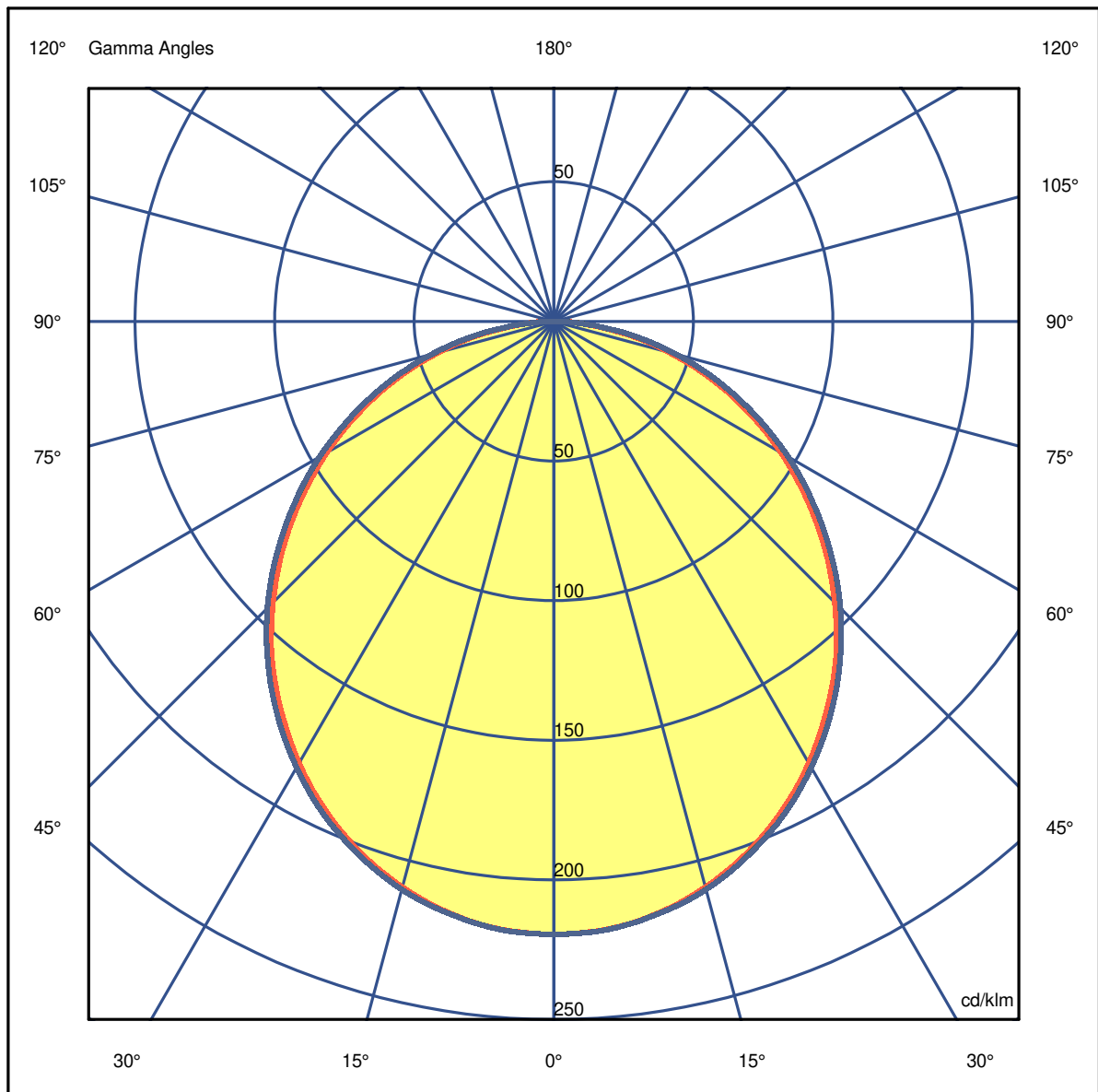
Name CONCEPT LINEA 35 /E L2810 BFLEX 840 SRT

Luminaire Flux	8199 lm	Luminaire Power	83.1 W	Efficacy	98.651 lm/W	Efficiency	62.59%
Source Flux	13100 lm	Maximum value	219.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

2810mm x 58mm



C Halfplanes



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**Measurem.**

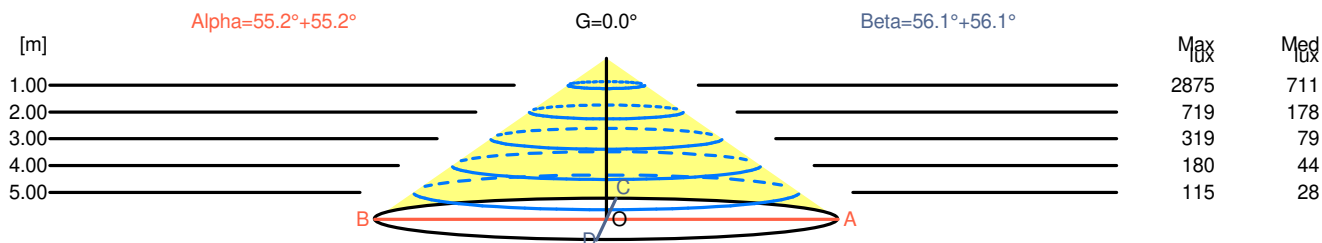
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Width at 50.00 % of Max Intensity

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	2875.45	2862.35	2747.07	2533.54	2230.93	1864.13	1447.55	1007.39	561.99	153.27
OB	2875.45	2862.35	2747.07	2533.54	2230.93	1864.13	1447.55	1007.39	561.99	153.27
OC	2875.45	2863.66	2758.86	2553.19	2261.06	1902.12	1485.54	1042.76	593.43	155.89
OD	2875.45	2863.66	2758.86	2553.19	2261.06	1902.12	1485.54	1042.76	593.43	155.89



H[m]	D[m]	Max lux	Med lux	Alpha=55.2°+55.2°	G=0.0	
1.00	2.88	2875	711			
2.00	5.76	719	178			
3.00	8.64	319	79			
4.00	11.52	180	44			
5.00	14.40	115	28			

H[m]	D[m]	Max lux	Med lux	Beta=56.1°+56.1°	G=0.0	
1.00	2.98	2875	711			
2.00	5.96	719	178			
3.00	8.94	319	79			
4.00	11.91	180	44			
5.00	14.89	115	28			

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**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	26.1
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	25.5	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	27.0	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	22.6	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	26.8	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	27.0	26.8	27.4	27.8
x=8H y=4H	22.7	23.4	23.2	23.8	24.3	25.5	26.2	25.9	26.5	27.0
x=8H y=6H	23.1	23.7	23.5	24.1	24.5	26.1	26.7	26.5	27.1	27.6
x=8H y=8H	23.2	23.7	23.7	24.1	24.6	26.3	26.9	26.8	27.3	27.8
x=8H y=12H	23.2	23.7	23.7	24.1	24.7	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	26.6	27.0	27.5
x=12H y=8H	23.3	23.7	23.7	24.2	24.7	26.3	26.8	26.8	27.2	27.8

**Luminaire**

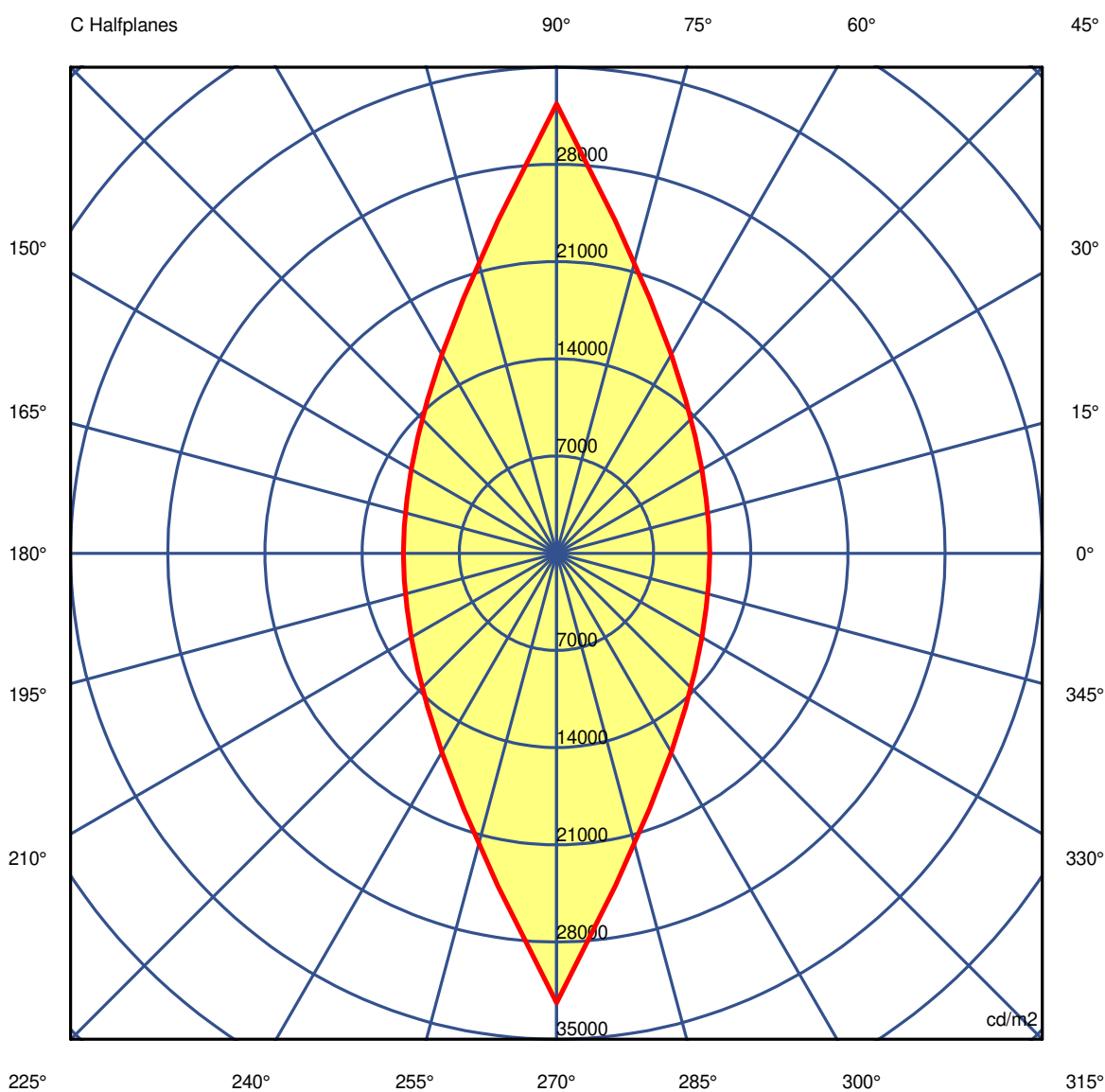
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**Measurem.**

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Luminaire Flux	8199 lm	Luminaire Power	83.1 W	Efficacy	98.651 lm/W	Efficiency	62.59%
Source Flux	13100 lm	Maximum value	219.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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**Measur.**

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Luminaire Flux	8199 lm		Luminaire Power		83.1 W		Efficacy		98.651 lm/W		Efficiency		62.59%	
Source Flux	13100 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	
G 5.0	30163	30210	30399	30722	31150	31733	32468	33296	34213	35214	36213	37213	38213	
G 10.0	26206	26274	26568	27079	27787	28739	29954	31411	33104	35038	37104	39211	41354	
G 15.0	22999	23091	23454	24079	24944	26138	27704	29624	31981	34863	38281	41224	44704	
G 20.0	20344	20457	20832	21486	22460	23813	25604	27894	30820	34563	38220	41894	45604	
G 25.0	18051	18166	18556	19244	20253	21683	23633	26205	29629	34252	38629	42955	47333	
G 30.0	16027	16130	16523	17223	18251	19715	21755	24544	28391	33840	38391	42944	47555	
G 35.0	14209	14329	14713	15390	16415	17896	19983	22902	27098	33406	37098	41202	45833	
G 40.0	12590	12666	13023	13688	14682	16131	18218	21221	25719	32900	35719	40221	44818	
G 45.0	11037	11136	11474	12095	13052	14463	16522	19577	24322	32365	34322	38822	43422	
G 50.0	9606	9685	10007	10595	11480	12817	14824	17852	22744	31660	32744	37244	41824	
G 55.0	8241	8326	8616	9143	9969	11221	13118	16080	21074	30903	31074	35574	40118	
G 60.0	6956	7029	7285	7763	8503	9645	11410	14221	19224	30115	30224	34724	39210	
G 65.0	5690	5756	5975	6381	7042	8055	9633	12264	17174	29037	29174	33674	38163	
G 70.0	4465	4516	4700	5050	5594	6460	7850	10185	14829	27896	27929	32429	36915	
G 75.0	3247	3291	3443	3729	4142	4819	5948	7884	12021	26189	26221	30721	35215	
G 80.0	2068	2075	2182	2389	2675	3138	3929	5355	8644	23455	23486	27986	32479	
G 85.0	935	937	991	1094	1232	1465	1870	2591	4411	17877	17907	22407	26901	
G 90.0	275	199	207	268	271	323	474	602	1027	17746	17776	22276	26771	

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Luminaire Flux		8199 lm		Luminaire Power		83.1 W		Efficacy		98.651 lm/W		Efficiency		62.59%											
Source Flux		13100 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	31733	31150	30722	30399	30210	30163	30210	30399	30722	31150	31733	32468	33296	34125	34954	35783	36612	37441	38270	39099	39928	40757	41586	42415	43244
G 10.0	28739	27787	27079	26568	26274	26206	26274	26568	27079	27787	28739	29954	31411	32868	34325	35783	37240	38697	40154	41611	43068	44525	45982	47439	48896
G 15.0	26138	24944	24079	23454	23091	22999	23091	23454	24079	24944	26138	27704	29624	31799	34125	36551	39077	41703	44429	47255	50081	52907	55733	58559	61385
G 20.0	23813	22460	21486	20832	20457	20344	20457	20832	21486	22460	23813	25604	27894	30584	33475	36566	39857	43348	47039	50930	55021	59312	63803	68494	73285
G 25.0	21683	20253	19244	18556	18166	18051	18166	18556	19244	20253	21683	23633	26205	29016	32067	35368	38919	42720	46771	51072	55623	60424	65475	70776	76327
G 30.0	19715	18251	17223	16523	16130	16027	16130	16523	17223	18251	19715	21755	24544	27695	31206	35067	39278	43839	48750	54011	59622	65583	71894	78555	85466
G 35.0	17896	16415	15390	14713	14329	14209	14329	14713	15390	16415	17896	19983	22902	26253	30044	34275	38946	44057	49608	55609	62060	69061	76712	85023	94094
G 40.0	16131	14682	13688	13023	12666	12590	12666	13023	13688	14682	16131	18218	21221	24672	28573	32924	37725	42976	48677	54828	61529	68880	76881	85632	95143
G 45.0	14463	13052	12095	11474	11136	11037	11136	11474	12095	13052	14463	16522	19577	23128	27179	31730	36781	42332	48383	54934	62085	70036	78887	88638	99289
G 50.0	12817	11480	10595	10007	9685	9606	9685	10007	10595	11480	12817	14824	17852	21403	25454	30005	35056	40707	46958	53809	61360	69811	79262	90013	102164
G 55.0	11221	9969	9143	8616	8326	8241	8326	8616	9143	9969	11221	13118	16080	19631	23882	28833	34484	40835	47886	55637	64188	73639	84090	95641	108392
G 60.0	9645	8503	7763	7285	7029	6956	7029	7285	7763	8503	9645	11410	14221	17672	21823	26674	32225	38576	45727	53678	62529	72380	83331	95482	108933
G 65.0	8055	7042	6381	5975	5756	5690	5756	5975	6381	7042	8055	9633	12264	15515	19366	23817	28968	34819	41370	48721	56972	66223	76574	88125	100976
G 70.0	6460	5594	5050	4700	4516	4465	4516	4700	5050	5594	6460	7850	10185	13136	16787	21238	26489	32540	39391	47142	55893	65644	76595	88846	102497
G 75.0	4819	4142	3729	3443	3291	3247	3291	3443	3729	4142	4819	5948	7884	10529	13980	18231	23382	29433	36384	44235	53086	63037	74288	86939	100990
G 80.0	3138	2675	2389	2182	2075	2068	2075	2182	2389	2675	3138	3929	5355	7000	9245	12196	15947	20598	26249	33000	40951	50202	60853	73004	86855
G 85.0	1465	1232	1094	991	937	935	937	991	1094	1232	1465	1870	2591	3516	4741	6266	8117	10368	13019	16070	20621	26772	34623	44374	56125
G 90.0	323	271	268	207	199	275	199	207	268	271	323	474	602	796	1051	1376	1781	2272	2857	3542	4347	5292	6397	7682	9167

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Source Flux	13100 lm	Maximum value	219.50 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	35286	35286	35286	35286	35286	35286	35286	35286	35286	35286
G 5.0	34213	35214	34213	33296	32468	31733	31150	30722	30399	30210
G 10.0	33104	35038	33104	31411	29954	28739	27787	27079	26568	26274
G 15.0	31981	34863	31981	29624	27704	26138	24944	24079	23454	23091
G 20.0	30820	34563	30820	27894	25604	23813	22460	21486	20832	20457
G 25.0	29629	34252	29629	26205	23633	21683	20253	19244	18556	18166
G 30.0	28391	33840	28391	24544	21755	19715	18251	17223	16523	16130
G 35.0	27098	33406	27098	22902	19983	17896	16415	15390	14713	14329
G 40.0	25719	32900	25719	21221	18218	16131	14682	13688	13023	12666
G 45.0	24322	32365	24322	19577	16522	14463	13052	12095	11474	11136
G 50.0	22744	31660	22744	17852	14824	12817	11480	10595	10007	9685
G 55.0	21074	30903	21074	16080	13118	11221	9969	9143	8616	8326
G 60.0	19224	30115	19224	14221	11410	9645	8503	7763	7285	7029
G 65.0	17174	29037	17174	12264	9633	8055	7042	6381	5975	5756
G 70.0	14829	27896	14829	10185	7850	6460	5594	5050	4700	4516
G 75.0	12021	26189	12021	7884	5948	4819	4142	3729	3443	3291
G 80.0	8644	23455	8644	5355	3929	3138	2675	2389	2182	2075
G 85.0	4411	17877	4411	2591	1870	1465	1232	1094	991	937
G 90.0	1027	17746	1027	602	474	323	271	268	207	199