

**Luminaire**

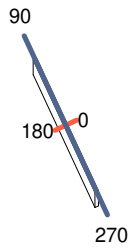
Code 90541L016-49  
Name CONCEPT LINEA 35 L2248 BFLEX 830 SRT

**Measurement**

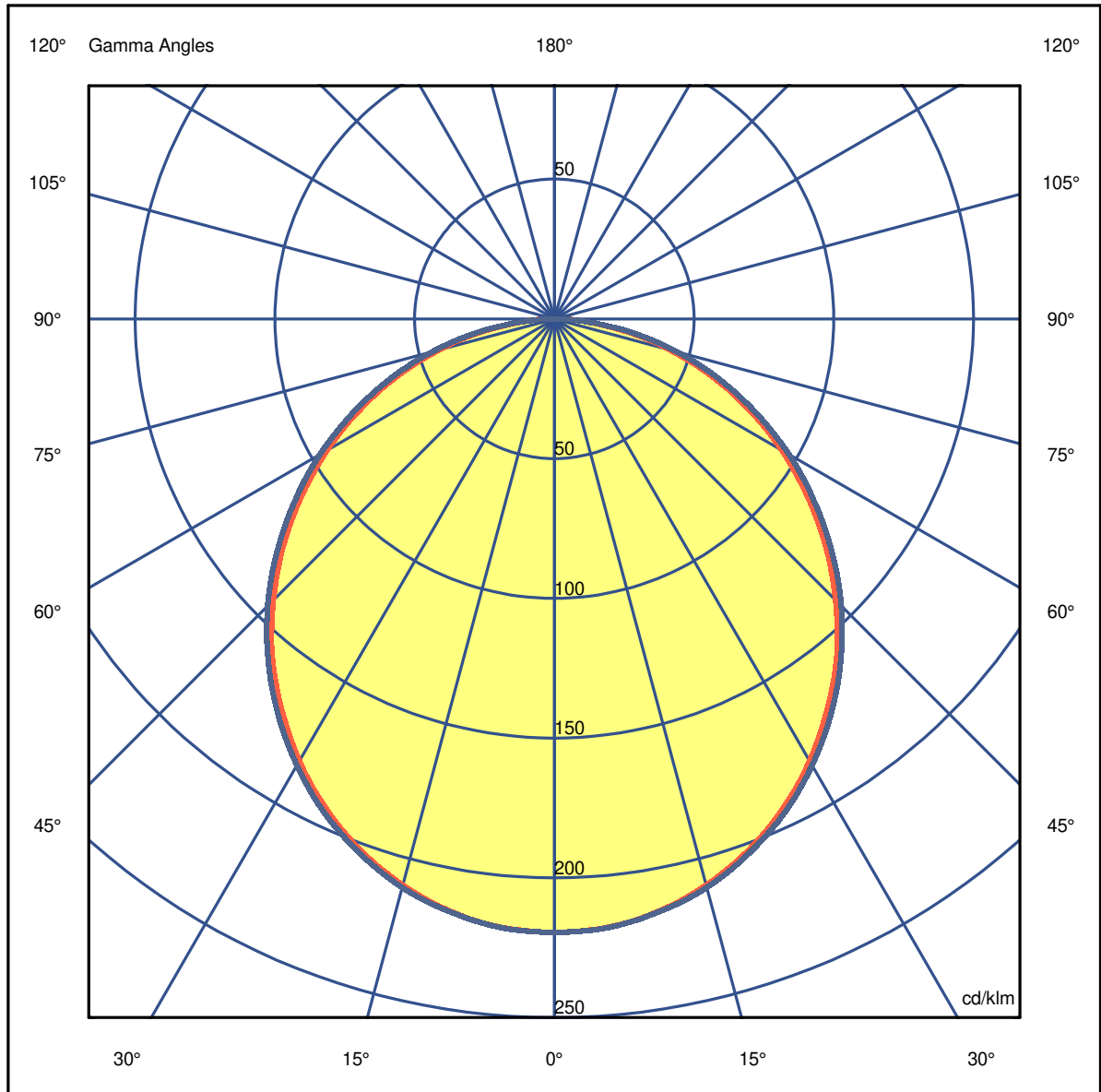
Code 31/7/2023  
Name CONCEPT LINEA 35 L2248 BFLEX 830 SRT

Luminaire Flux	6369 lm	Luminaire Power	67.6 W	Efficacy	94.186 lm/W	Efficiency	62.59%
Source Flux	10176 lm	Maximum value	219.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

2248mm x 55mm



C Halfplanes



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**Measurment.**

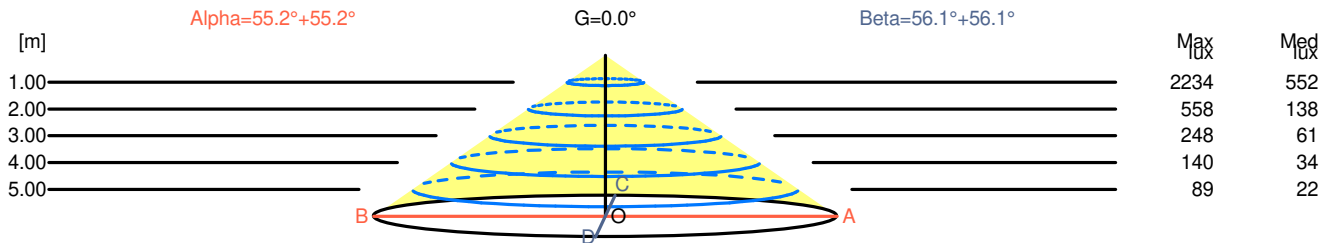
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Width at 50.00 % of Max Intensity

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

	Luminous Intensities [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	2233.63	2223.46	2133.91	1968.04	1732.97	1448.04	1124.45	782.53	436.55	119.06
OB	2233.63	2223.46	2133.91	1968.04	1732.97	1448.04	1124.45	782.53	436.55	119.06
OC	2233.63	2224.47	2143.07	1983.30	1756.38	1477.56	1153.96	810.01	460.97	121.09
OD	2233.63	2224.47	2143.07	1983.30	1756.38	1477.56	1153.96	810.01	460.97	121.09



H[m]	D[m]	Max lux	Med lux	Alpha=55.2°+55.2°	G=0.0
1.00	2.88	2234	552		
2.00	5.76	558	138		
3.00	8.64	248	61		
4.00	11.52	140	34		
5.00	14.40	89	22		

H[m]	D[m]	Max lux	Med lux	Beta=56.1°+56.1°	G=0.0
1.00	2.98	2234	552		
2.00	5.96	558	138		
3.00	8.94	248	61		
4.00	11.91	140	34		
5.00	14.89	89	22		

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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	20.1	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	25.6	25.9
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	25.3	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	26.8	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	22.4	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	26.6	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	26.8	26.6	27.2	27.7
x=8H y=4H	22.6	23.3	23.1	23.7	24.1	25.3	26.0	25.8	26.4	26.8
x=8H y=6H	23.0	23.6	23.4	24.0	24.4	26.0	26.5	26.4	27.0	27.4
x=8H y=8H	23.1	23.6	23.6	24.0	24.5	26.2	26.7	26.7	27.2	27.6
x=8H y=12H	23.1	23.6	23.6	24.0	24.5	26.4	26.8	26.9	27.3	27.8
x=12H y=4H	22.6	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	26.4	26.9	27.4
x=12H y=8H	23.1	23.6	23.6	24.0	24.6	26.2	26.6	26.7	27.1	27.6

**Luminaire**

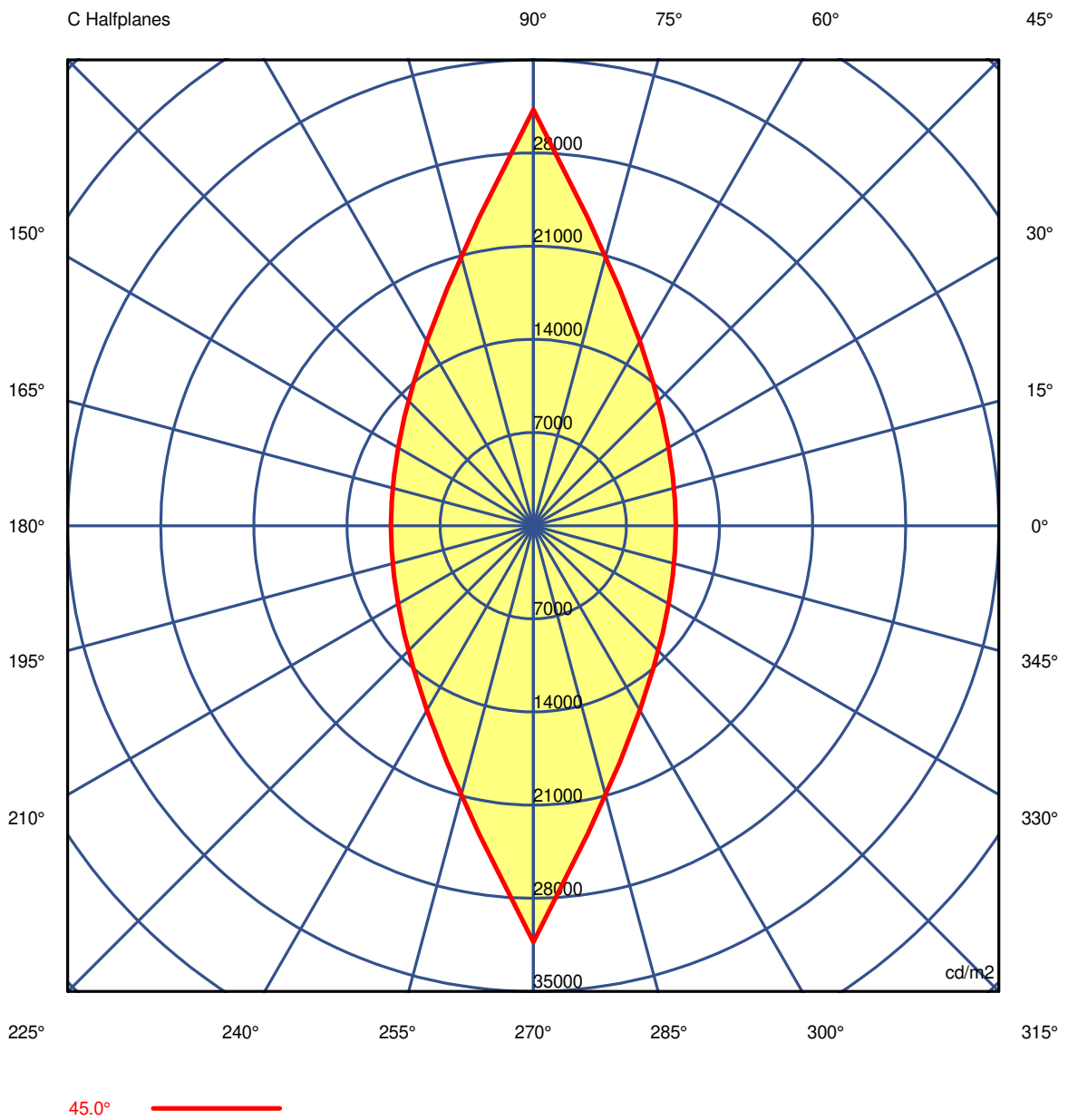
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**Measur.**

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Luminaire Flux	6369 lm	Luminaire Power	67.6 W	Efficacy	94.186 lm/W	Efficiency	62.59%
Source Flux	10176 lm	Maximum value	219.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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**Measurement**

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Source Flux	10176 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	29332	29513	29825	30239	30803	31515	32318	33207	34178	35207	36288	37415
G 10.0	25445	25509	25791	26285	26969	27890	29066	30477	32117	33992	36117	38477	41066
G 15.0	22332	22418	22766	23370	24206	25360	26876	28734	31016	33807	37116	40834	44876
G 20.0	19754	19860	20220	20851	21792	23101	24832	27048	29879	33500	38179	43048	48232
G 25.0	17527	17635	18010	18673	19648	21031	22916	25402	28713	33182	38713	44402	50216
G 30.0	15562	15658	16036	16711	17704	19119	21091	23786	27503	32765	39503	46886	54891
G 35.0	13797	13910	14279	14932	15921	17352	19369	22188	26240	32326	39540	47826	57169
G 40.0	12224	12295	12638	13279	14239	15639	17654	20554	24894	31815	39894	49254	59854
G 45.0	10717	10809	11134	11733	12658	14020	16008	18956	23532	31274	39532	49256	60008
G 50.0	9327	9401	9710	10278	11132	12423	14360	17281	21994	30564	39994	50281	61360
G 55.0	8002	8082	8360	8869	9666	10874	12705	15560	20368	29800	40368	51560	63705
G 60.0	6754	6822	7068	7530	8244	9346	11049	13757	18569	29000	40569	52757	65849
G 65.0	5525	5587	5797	6189	6827	7804	9326	11860	16577	27909	39577	52360	66126
G 70.0	4336	4383	4560	4897	5423	6258	7598	9845	14301	26740	40301	54845	70598
G 75.0	3153	3194	3341	3616	4015	4667	5756	7617	11581	24996	39581	55817	73556
G 80.0	2008	2014	2116	2316	2593	3038	3801	5172	8316	22211	38116	55172	73801
G 85.0	908	910	961	1061	1194	1418	1808	2500	4236	16589	28336	42500	58808
G 90.0	267	193	201	259	262	313	459	581	983	13785	22983	35581	49459

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**Measurem.**

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Luminaire Flux	6369 lm	Luminaire Power	67.6 W	Efficacy	94.186 lm/W	Efficiency	62.59%
Source Flux	10176 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
G 5.0	30803	30239	29825	29513	29332	29288	29332	29513	29825	30239	30803	31515	32318
G 10.0	27890	26969	26285	25791	25509	25445	25509	25791	26285	26969	27890	29066	30477
G 15.0	25360	24206	23370	22766	22418	22332	22418	22766	23370	24206	25360	26876	28734
G 20.0	23101	21792	20851	20220	19860	19754	19860	20220	20851	21792	23101	24832	27048
G 25.0	21031	19648	18673	18010	17635	17527	17635	18010	18673	19648	21031	22916	25402
G 30.0	19119	17704	16711	16036	15658	15562	15658	16036	16711	17704	19119	21091	23786
G 35.0	17352	15921	14932	14279	13910	13797	13910	14279	14932	15921	17352	19369	22188
G 40.0	15639	14239	13279	12638	12295	12224	12295	12638	13279	14239	15639	17654	20554
G 45.0	14020	12658	11733	11134	10809	10717	10809	11134	11733	12658	14020	16008	18956
G 50.0	12423	11132	10278	9710	9401	9327	9401	9710	10278	11132	12423	14360	17281
G 55.0	10874	9666	8869	8360	8082	8002	8082	8360	8869	9666	10874	12705	15560
G 60.0	9346	8244	7530	7068	6822	6754	6822	7068	7530	8244	9346	11049	13757
G 65.0	7804	6827	6189	5797	5587	5525	5587	5797	6189	6827	7804	9326	11860
G 70.0	6258	5423	4897	4560	4383	4336	4383	4560	4897	5423	6258	7598	9845
G 75.0	4667	4015	3616	3341	3194	3153	3194	3341	3616	4015	4667	5756	7617
G 80.0	3038	2593	2316	2116	2014	2008	2014	2116	2316	2593	3038	3801	5172
G 85.0	1418	1194	1061	961	910	908	910	961	1061	1194	1418	1808	2500
G 90.0	313	262	259	201	193	267	193	201	259	262	313	459	581

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**Measurem.**

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Source Flux	10176 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	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262
G 5.0	33207	34178	33207	32318	31515	30803	30239	29825	29513	29332
G 10.0	32117	33992	32117	30477	29066	27890	26969	26285	25791	25509
G 15.0	31016	33807	31016	28734	26876	25360	24206	23370	22766	22418
G 20.0	29879	33500	29879	27048	24832	23101	21792	20851	20220	19860
G 25.0	28713	33182	28713	25402	22916	21031	19648	18673	18010	17635
G 30.0	27503	32765	27503	23786	21091	19119	17704	16711	16036	15658
G 35.0	26240	32326	26240	22188	19369	17352	15921	14932	14279	13910
G 40.0	24894	31815	24894	20554	17654	15639	14239	13279	12638	12295
G 45.0	23532	31274	23532	18956	16008	14020	12658	11733	11134	10809
G 50.0	21994	30564	21994	17281	14360	12423	11132	10278	9710	9401
G 55.0	20368	29800	20368	15560	12705	10874	9666	8869	8360	8082
G 60.0	18569	29000	18569	13757	11049	9346	8244	7530	7068	6822
G 65.0	16577	27909	16577	11860	9326	7804	6827	6189	5797	5587
G 70.0	14301	26740	14301	9845	7598	6258	5423	4897	4560	4383
G 75.0	11581	24996	11581	7617	5756	4667	4015	3616	3341	3194
G 80.0	8316	22211	8316	5172	3801	3038	2593	2316	2116	2014
G 85.0	4236	16589	4236	2500	1808	1418	1194	1061	961	910
G 90.0	983	13785	983	581	459	313	262	259	201	193