

## Luminaire

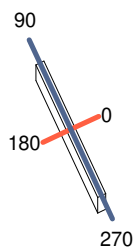
Code 90789L007  
Name CONCEPT LINEA 65 L1050 LIGHT+ 840

**Measur.**

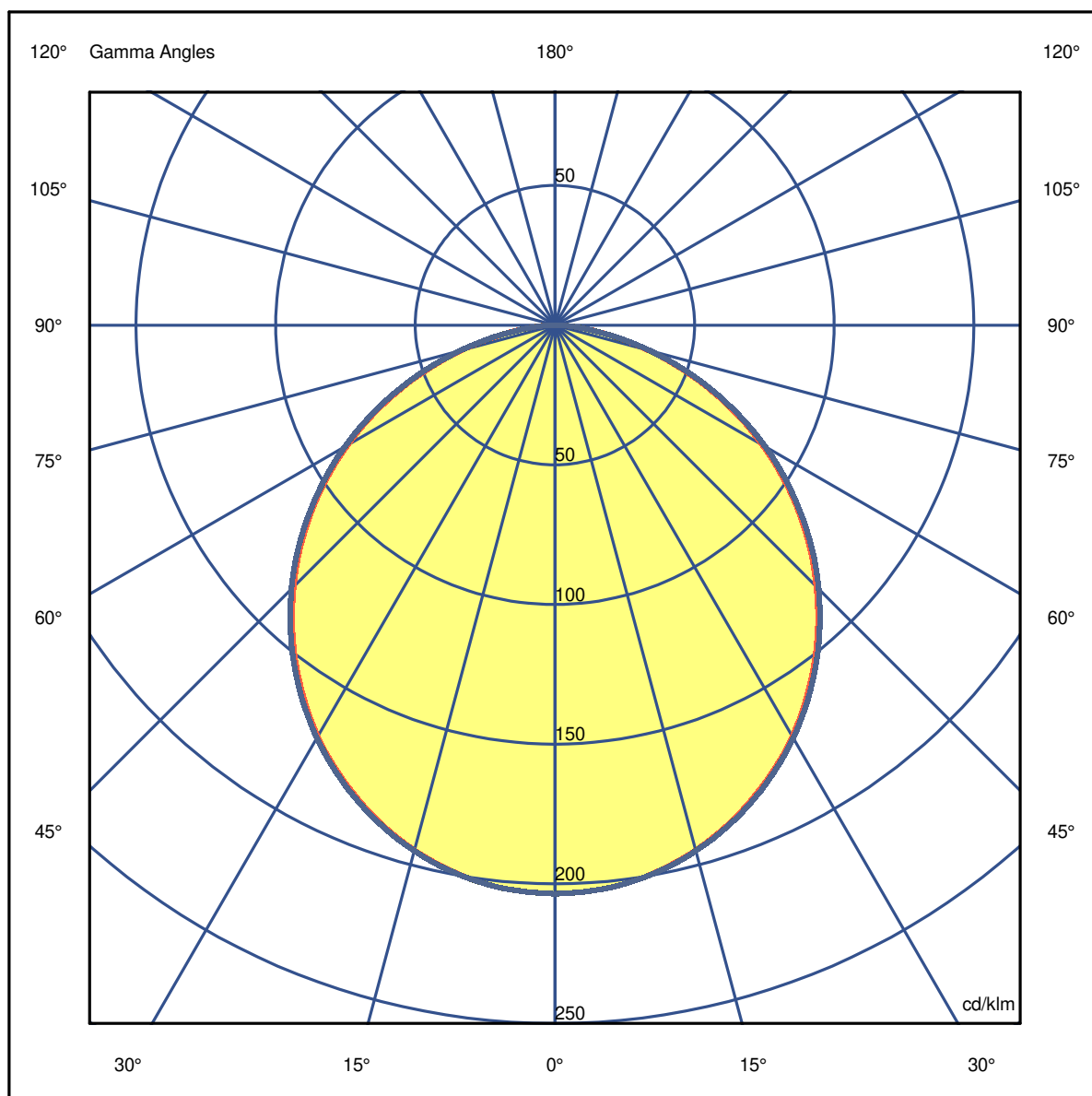
Code 31/7/2023  
Name CONCEPT LINEA 65 L1050 LIGHT+ 840

Luminaire Flux	1931 lm	Luminaire Power	20.1 W	Efficacy	96.048 lm/W	Efficiency	56.63%
Source Flux	3409 lm	Maximum value	203.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1050mm x 65mm



## C Halfplanes



**Luminaire**

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**Measurem.**

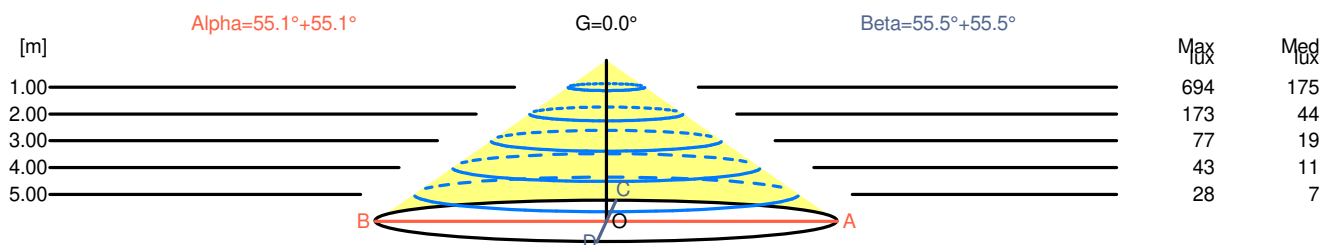
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Width at 50.00 % of Max Intensity

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	2.87	4.31	5.74	7.18	OC	1.45	2.91	4.36	5.81	7.26
OB	1.44	2.87	4.31	5.74	7.18	OD	1.45	2.91	4.36	5.81	7.26

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	693.73	690.32	663.39	612.26	540.67	451.35	348.40	234.54	118.29	26.25
OB	693.73	690.32	663.39	612.26	540.67	451.35	348.40	234.54	118.29	26.25
OC	693.73	690.32	664.07	614.30	543.74	455.10	351.81	237.61	120.00	25.91
OD	693.73	690.32	664.07	614.30	543.74	455.10	351.81	237.61	120.00	25.91



H[m]	D[m]	Max lux	Med lux	Alpha=55.1°+55.1°	G=0.0
1.00	2.87	694	175		
2.00	5.74	173	44		
3.00	8.61	77	19		
4.00	11.49	43	11		
5.00	14.36	28	7		

H[m]	D[m]	Max lux	Med lux	Beta=55.5°+55.5°	G=0.0
1.00	2.91	694	175		
2.00	5.81	173	44		
3.00	8.72	77	19		
4.00	11.62	43	11		
5.00	14.53	28	7		

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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	17.0	18.3	17.3	18.6	18.8	19.1	20.5	19.4	20.7	20.9
x=2H y=3H	18.0	19.2	18.3	19.5	19.7	20.5	21.8	20.9	22.0	22.3
x=2H y=4H	18.3	19.4	18.6	19.7	20.0	21.1	22.2	21.4	22.5	22.7
x=2H y=6H	18.4	19.4	18.7	19.7	20.0	21.4	22.4	21.7	22.7	23.0
x=2H y=8H	18.4	19.4	18.8	19.7	20.0	21.4	22.4	21.8	22.7	23.1
x=2H y=12H	18.4	19.3	18.7	19.7	20.0	21.4	22.4	21.8	22.7	23.1
x=4H y=2H	17.7	18.8	18.0	19.1	19.3	19.4	20.5	19.8	20.8	21.1
x=4H y=3H	18.7	19.7	19.1	20.0	20.4	20.9	21.9	21.3	22.2	22.5
x=4H y=4H	19.1	20.0	19.5	20.3	20.7	21.5	22.4	21.9	22.7	23.1
x=4H y=6H	19.3	20.0	19.7	20.4	20.8	21.9	22.6	22.3	23.0	23.4
x=4H y=8H	19.3	20.0	19.8	20.4	20.8	22.0	22.7	22.4	23.1	23.5
x=4H y=12H	19.3	20.0	19.8	20.4	20.8	22.0	22.7	22.5	23.1	23.5
x=8H y=4H	19.3	20.0	19.7	20.4	20.8	21.6	22.2	22.0	22.6	23.0
x=8H y=6H	19.6	20.1	20.0	20.5	21.0	22.0	22.5	22.4	23.0	23.4
x=8H y=8H	19.6	20.1	20.1	20.5	21.0	22.1	22.6	22.6	23.0	23.5
x=8H y=12H	19.6	20.1	20.1	20.5	21.0	22.2	22.6	22.7	23.1	23.6
x=12H y=4H	19.3	19.9	19.8	20.3	20.8	21.5	22.1	22.0	22.6	23.0
x=12H y=6H	19.6	20.1	20.0	20.5	21.0	22.0	22.4	22.4	22.9	23.4
x=12H y=8H	19.6	20.1	20.1	20.5	21.0	22.1	22.5	22.6	23.0	23.5

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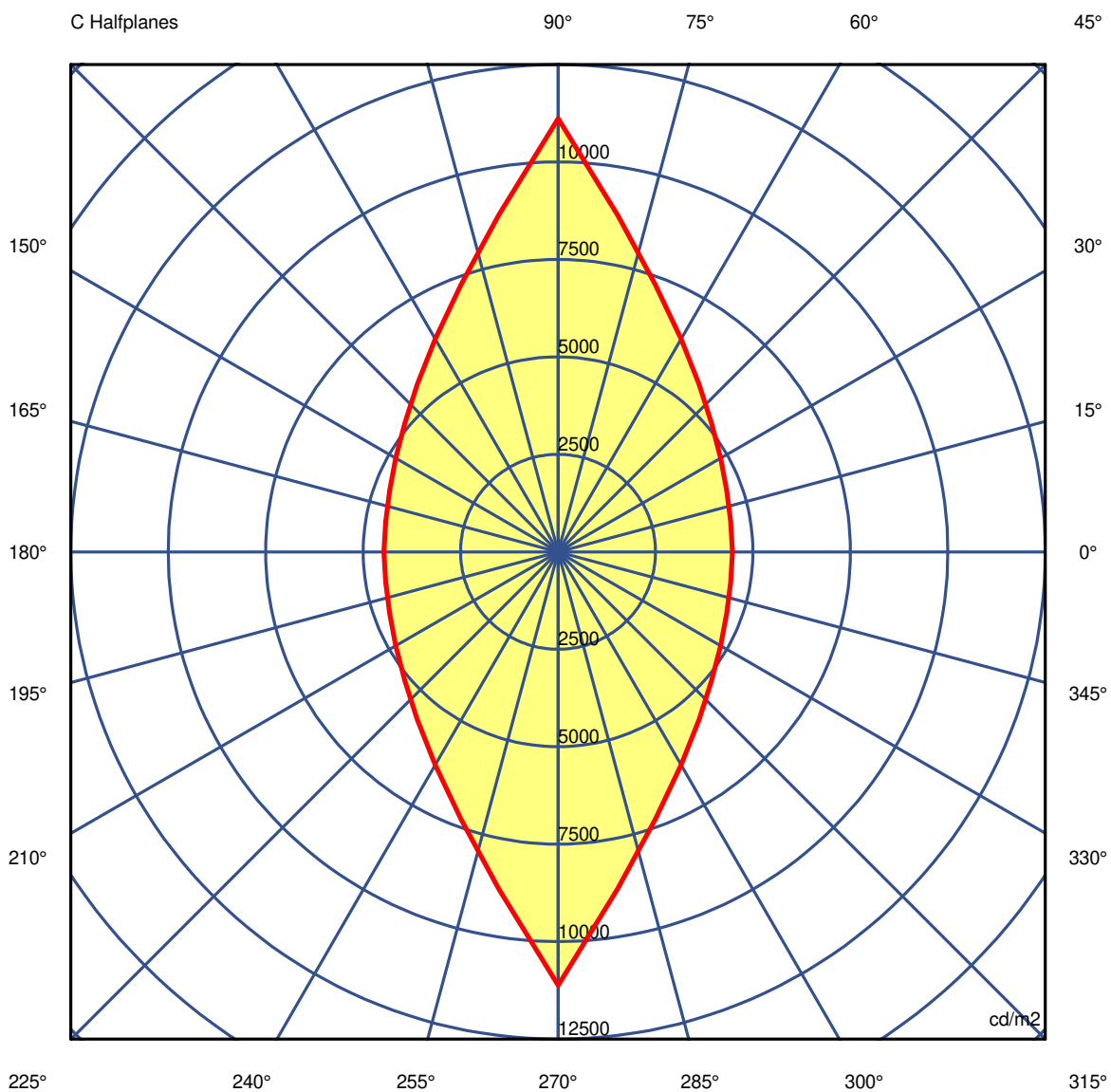
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**Measurem.**

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Luminaire Flux	1931 lm	Luminaire Power	20.1 W	Efficacy	96.048 lm/W	Efficiency	56.63%
Source Flux	3409 lm	Maximum value	203.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Source Flux	3409 lm		Maximum value		203.50 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	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955	
G 5.0	11294	11303	11354	11448	11592	11771	11987	12250	12542	12849	12542	12250	11987	
G 10.0	9967	9978	10063	10222	10448	10750	11130	11583	12114	12721	12114	11583	11130	
G 15.0	8866	8884	8989	9181	9463	9844	10336	10949	11688	12566	11688	10949	10336	
G 20.0	7923	7947	8060	8270	8591	9025	9590	10324	11246	12391	11246	10324	9590	
G 25.0	7099	7122	7242	7464	7804	8272	8896	9723	10799	12197	10799	9723	8896	
G 30.0	6368	6383	6503	6734	7079	7564	8227	9125	10334	11981	10334	9125	8227	
G 35.0	5688	5710	5831	6056	6399	6893	7583	8528	9845	11731	9845	8528	7583	
G 40.0	5062	5082	5196	5415	5759	6253	6944	7920	9329	11447	9329	7920	6944	
G 45.0	4470	4494	4603	4810	5137	5618	6305	7295	8774	11119	8774	7295	6305	
G 50.0	3907	3929	4032	4225	4529	4984	5651	6638	8168	10739	8168	6638	5651	
G 55.0	3356	3374	3466	3644	3933	4359	4987	5956	7509	10267	7509	5956	4987	
G 60.0	2814	2828	2910	3071	3328	3716	4299	5211	6747	9715	6747	5211	4299	
G 65.0	2266	2280	2350	2485	2707	3048	3569	4400	5860	8946	5860	4400	3569	
G 70.0	1718	1729	1788	1899	2075	2352	2790	3507	4833	7963	4833	3507	2790	
G 75.0	1182	1186	1227	1309	1440	1642	1969	2534	3641	6649	3641	2534	1969	
G 80.0	673	678	702	751	829	956	1167	1528	2300	4899	2300	1528	1167	
G 85.0	281	280	287	305	342	397	484	658	1064	2883	1064	658	484	
G 90.0	38	38	40	43	48	56	70	99	172	786	172	99	70	

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Source Flux	3409 lm		Maximum value		203.50 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	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955
G 5.0	11771	11592	11448	11354	11303	11294	11303	11354	11448	11592	11771	11987	12250	12513
G 10.0	10750	10448	10222	10063	9978	9967	9978	10063	10222	10448	10750	11130	11583	12036
G 15.0	9844	9463	9181	8989	8884	8866	8884	8989	9181	9463	9844	10336	10949	11612
G 20.0	9025	8591	8270	8060	7947	7923	7947	8060	8270	8591	9025	9590	10324	11158
G 25.0	8272	7804	7464	7242	7122	7099	7122	7242	7464	7804	8272	8896	9723	10656
G 30.0	7564	7079	6734	6503	6383	6368	6383	6503	6734	7079	7564	8227	9125	10124
G 35.0	6893	6399	6056	5831	5710	5688	5710	5831	6056	6399	6893	7583	8528	9600
G 40.0	6253	5759	5415	5196	5082	5062	5082	5196	5415	5759	6253	6944	7920	9000
G 45.0	5618	5137	4810	4603	4494	4470	4494	4603	4810	5137	5618	6305	7295	8396
G 50.0	4984	4529	4225	4032	3929	3907	3929	4032	4225	4529	4984	5651	6638	7752
G 55.0	4359	3933	3644	3466	3374	3356	3374	3466	3644	3933	4359	4987	5956	7060
G 60.0	3716	3328	3071	2910	2828	2814	2828	2910	3071	3328	3716	4299	5211	6264
G 65.0	3048	2707	2485	2350	2280	2266	2280	2350	2485	2707	3048	3569	4400	5291
G 70.0	2352	2075	1899	1788	1729	1718	1729	1788	1899	2075	2352	2790	3507	4308
G 75.0	1642	1440	1309	1227	1186	1182	1186	1227	1309	1440	1642	1969	2534	3159
G 80.0	956	829	751	702	678	673	678	702	751	829	956	1167	1528	1941
G 85.0	397	342	305	287	280	281	280	287	305	342	397	484	658	851
G 90.0	56	48	43	40	38	38	38	40	43	48	56	70	99	129

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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	12955	12955	12955	12955	12955	12955	12955	12955	12955	12955
G 5.0	12542	12849	12542	12250	11987	11771	11592	11448	11354	11303
G 10.0	12114	12721	12114	11583	11130	10750	10448	10222	10063	9978
G 15.0	11688	12566	11688	10949	10336	9844	9463	9181	8989	8884
G 20.0	11246	12391	11246	10324	9590	9025	8591	8270	8060	7947
G 25.0	10799	12197	10799	9723	8896	8272	7804	7464	7242	7122
G 30.0	10334	11981	10334	9125	8227	7564	7079	6734	6503	6383
G 35.0	9845	11731	9845	8528	7583	6893	6399	6056	5831	5710
G 40.0	9329	11447	9329	7920	6944	6253	5759	5415	5196	5082
G 45.0	8774	11119	8774	7295	6305	5618	5137	4810	4603	4494
G 50.0	8168	10739	8168	6638	5651	4984	4529	4225	4032	3929
G 55.0	7509	10267	7509	5956	4987	4359	3933	3644	3466	3374
G 60.0	6747	9715	6747	5211	4299	3716	3328	3071	2910	2828
G 65.0	5860	8946	5860	4400	3569	3048	2707	2485	2350	2280
G 70.0	4833	7963	4833	3507	2790	2352	2075	1899	1788	1729
G 75.0	3641	6649	3641	2534	1969	1642	1440	1309	1227	1186
G 80.0	2300	4899	2300	1528	1167	956	829	751	702	678
G 85.0	1064	2883	1064	658	484	397	342	305	287	280
G 90.0	172	786	172	99	70	56	48	43	40	38