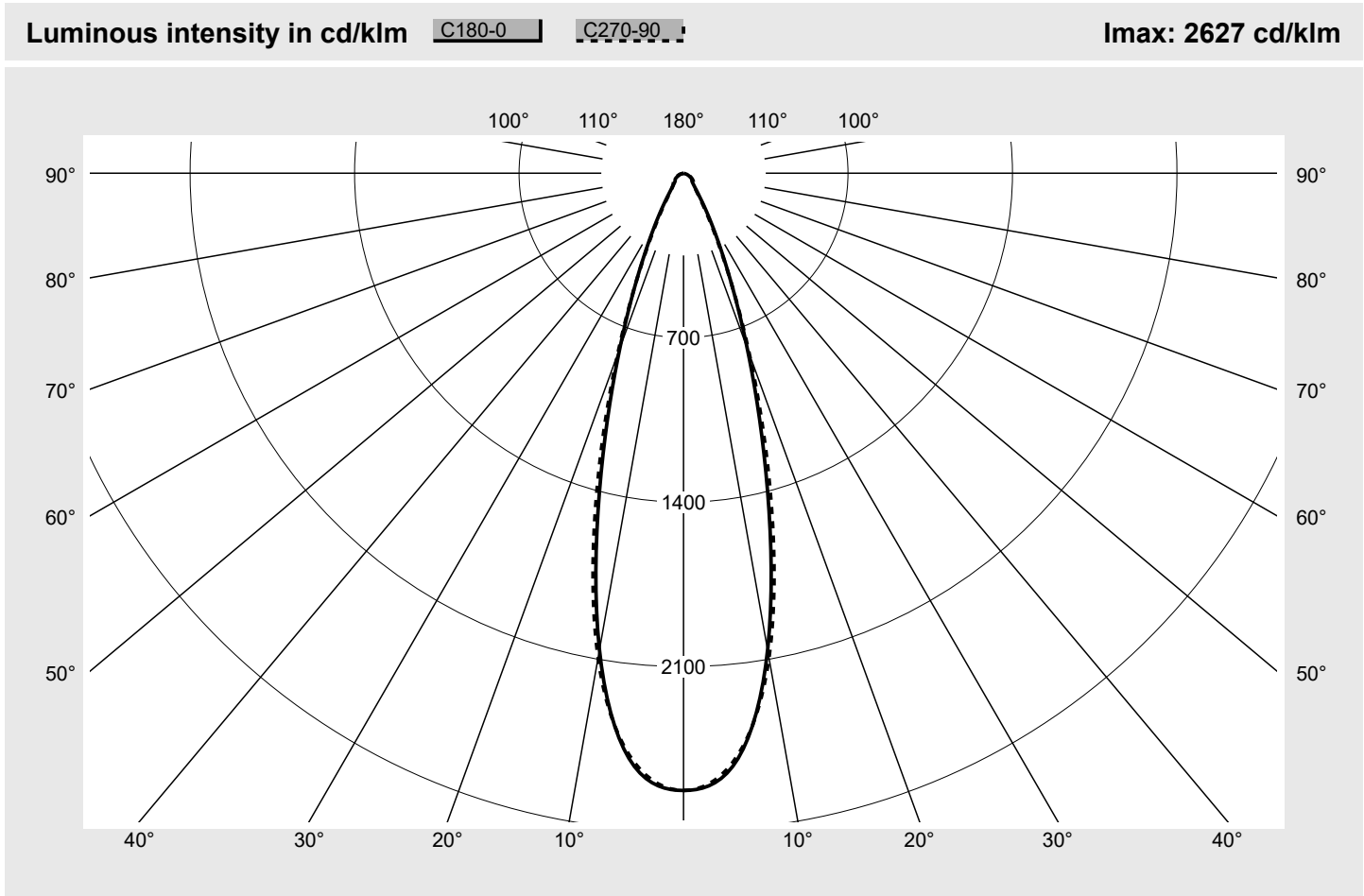


Photometric test report

Family Licross® 11 Recessed	Order number: 51TE11VN445G EAN: 4058352972175	LP number 58785_368
	Version	cover frosted, narrow distribution
	Lamps	LED 4000 K CRI ≥ 80
	Controlgear	ECG-DALI CLO
	Rated values	Net luminous flux = 4500 lm Power consumption = 24.3 W Luminous efficacy = 185.2 lm/W
		serial documentation 13.11.2025
		



Classifications		Luminaire light output ratios	
DIN 5040	A 7 0	ηLB	100.0%
CIE	N1=89 N2=96 N3=99	ϕ _u	100.0%
	N4=100 N5=100	ϕ _o	0.0%

Measurement conditions	
DIN EN 13032 and DIN 5032	

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Family Licross® 11 Recessed	Order number: 51TE11VN445G EAN: 4058352972175	LP number 58785_368
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm							Luminous flux in lm/klm	
0°	2627.4	2627.4	2627.4	2627.4	2627.4	2627.4	2627.4	15.7	15.7
5°	2520.2	2503.8	2487.8	2499.1	2508.6	2505.8	2505.2	119.6	135.3
10°	2060.7	2047.7	2044.6	2066.8	2086.2	2092.0	2094.5	196.9	332.2
15°	1373.4	1369.0	1375.7	1399.2	1421.9	1432.7	1437.2	198.7	530.9
20°	791.8	790.8	796.4	808.8	818.0	819.0	819.4	151.2	682.1
25°	418.1	420.5	425.4	427.2	423.4	413.4	409.3	97.4	779.6
30°	215.7	218.7	224.8	222.9	213.7	202.3	197.8	58.9	838.4
35°	112.4	114.3	119.3	116.0	107.4	103.1	102.4	35.0	873.4
40°	70.3	69.7	69.6	67.8	65.2	68.3	71.3	24.2	897.6
45°	52.4	50.5	46.9	47.4	48.4	54.1	61.4	19.6	917.2
50°	46.4	44.6	38.1	38.0	38.3	44.7	54.3	17.8	935.0
55°	42.3	42.2	36.7	33.4	32.3	38.6	47.1	17.1	952.1
60°	32.7	32.9	34.3	30.2	28.0	32.6	38.2	15.3	967.4
65°	23.6	23.8	26.4	25.7	24.0	26.1	29.3	12.6	980.0
70°	15.1	15.6	18.2	19.4	18.6	19.5	20.9	9.4	989.4
75°	8.3	8.7	10.8	13.0	12.9	13.2	13.7	6.1	995.5
80°	4.0	4.1	5.0	6.6	7.3	7.2	7.2	3.2	998.7
85°	1.6	1.6	1.9	2.5	2.6	2.7	2.5	1.2	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

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Family Licross® 11 Recessed			Order number: 51TE11VN445G EAN: 4058352972175							LP number 58785_368			
UGR-Table										Standard room		siteco	
Reflection factor of ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3		
Reflection factor of walls		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3		
Reflection factor of floor		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2		
Room dimensions		View crosswise (C0)					View endwise (C90)						
x	y												
2H	2H	12.6	13.7	12.9	14.0	14.3	12.5	13.6	12.9	13.9	14.3		
	3H	13.5	14.5	13.9	14.8	15.2	13.9	14.9	14.3	15.2	15.6		
	4H	13.7	14.6	14.1	15.0	15.4	14.4	15.3	14.8	15.7	16.1		
	6H	13.9	14.6	14.3	15.0	15.4	14.8	15.6	15.2	15.9	16.3		
	8H	13.9	14.6	14.4	15.0	15.4	15.0	15.6	15.4	16.0	16.4		
	12H	13.9	14.5	14.4	14.9	15.3	15.0	15.6	15.4	16.0	16.4		
4H	2H	13.1	14.0	13.5	14.3	14.7	13.0	13.9	13.4	14.3	14.6		
	3H	14.2	15.0	14.6	15.3	15.8	14.6	15.3	15.0	15.7	16.1		
	4H	14.5	15.2	14.9	15.6	16.0	15.2	15.8	15.6	16.2	16.7		
	6H	14.6	15.2	15.1	15.6	16.1	15.6	16.1	16.1	16.6	17.1		
	8H	14.7	15.1	15.1	15.6	16.1	15.7	16.2	16.2	16.6	17.1		
	12H	14.7	15.1	15.2	15.5	16.1	15.8	16.2	16.3	16.6	17.1		
8H	4H	14.8	15.2	15.2	15.7	16.2	15.4	15.8	15.8	16.3	16.8		
	6H	14.9	15.3	15.4	15.8	16.3	15.9	16.3	16.4	16.7	17.3		
	8H	14.9	15.3	15.5	15.8	16.3	16.0	16.4	16.5	16.9	17.4		
	12H	15.0	15.3	15.5	15.8	16.3	16.1	16.4	16.7	16.9	17.4		
12H	4H	14.8	15.2	15.3	15.6	16.1	15.4	15.8	15.9	16.2	16.7		
	6H	15.0	15.3	15.5	15.8	16.3	15.9	16.2	16.4	16.7	17.2		
	8H	15.0	15.3	15.6	15.8	16.3	16.1	16.3	16.6	16.8	17.4		

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 1500 B = 58	
C-planes	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
γ	Luminance in cd/m²						
45°	3835.8	3691.8	3429.7	3464.4	3537.8	3960.7	4491.0
50°	3736.2	3590.1	3062.5	3060.7	3080.3	3599.7	4366.8
55°	3817.6	3806.9	3309.3	3009.2	2916.2	3481.7	4243.4
60°	3381.1	3401.8	3547.7	3125.7	2894.1	3367.3	3951.1
65°	2883.0	2915.2	3231.0	3149.9	2938.9	3193.6	3580.4
70°	2285.0	2355.0	2759.8	2927.8	2819.0	2949.6	3161.6
75°	1664.7	1742.3	2157.1	2598.6	2582.0	2633.4	2734.9
80°	1177.2	1219.2	1497.4	1962.1	2170.9	2134.5	2152.7
85°	960.2	973.9	1136.5	1473.6	1557.3	1593.5	1460.5

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Family
Licross® 11 Recessed

Order number: 51TE11VN445G
EAN: 4058352972175

LP number
58785_368

Luminance values in cd/m²

γ 65°

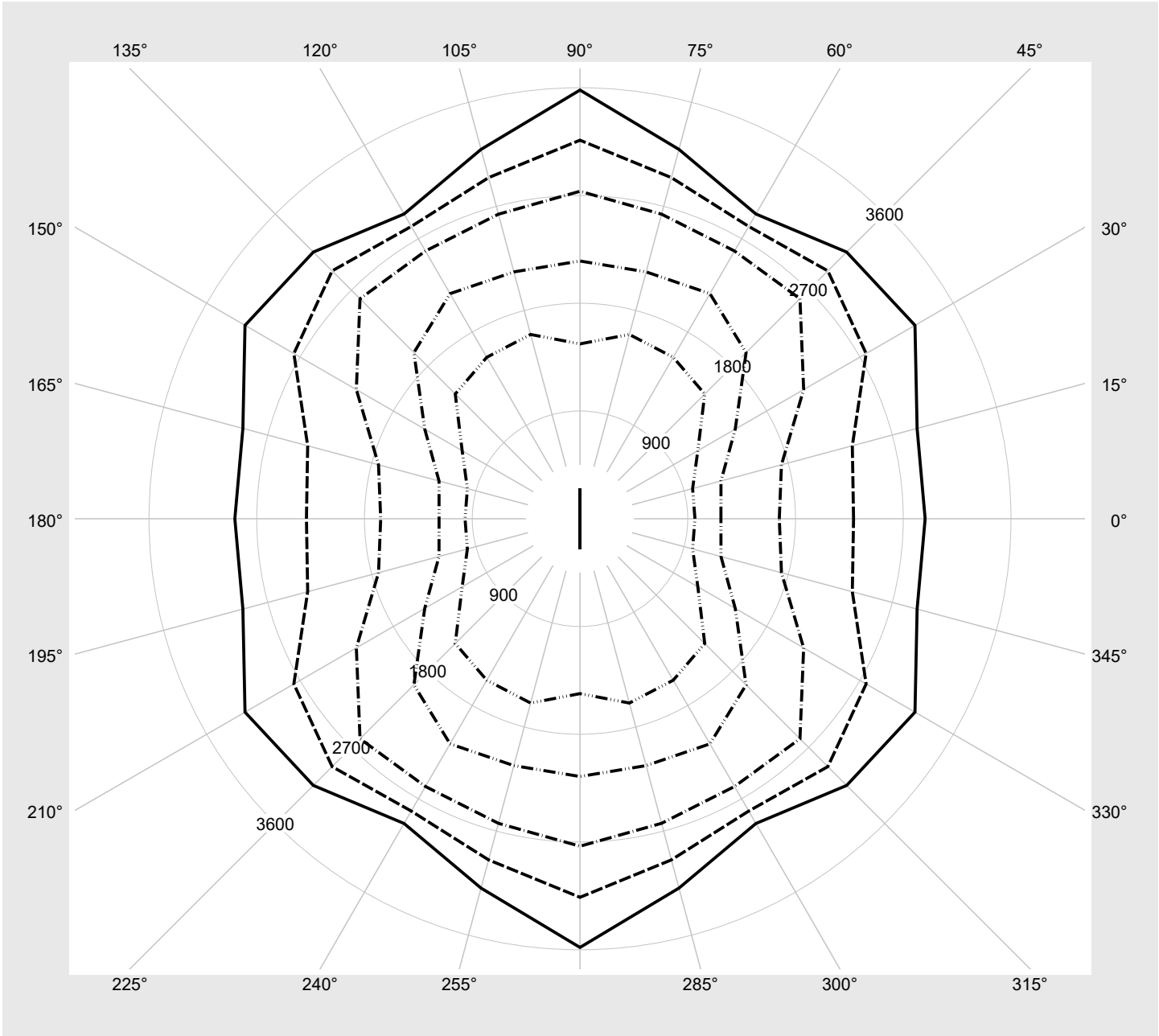
γ 70°

γ 75°

γ 80°

γ 85°

siteco



Photometric test report

Family Licross® 11 Recessed	Order number: 51TE11VN445G EAN: 4058352972175	LP number 58785_368
Dimming levels table		environmental temperature: 25°C 

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	4500	24.3	25.4	24.8
95	241	252	4275	23.1	24.2	23.6
90	228	250	4052	21.9	23.0	22.4
85	215	248	3829	20.8	21.8	21.3
80	202	246	3604	19.7	20.6	20.2
75	189	243	3378	18.5	19.4	19.0
70	176	241	3152	17.3	18.1	17.7
65	163	238	2924	16.1	16.9	16.5
60	150	235	2696	14.8	15.5	15.2
55	138	232	2482	13.7	14.3	14.0
50	125	228	2252	12.4	13.1	12.8
45	112	224	2022	11.2	11.7	11.4
40	100	220	1808	10.1	10.6	10.4
35	87	215	1575	9.0	9.4	9.2
30	74	209	1341	7.8	8.1	8.0
25	62	202	1125	6.7	7.0	6.8
20	50	194	907	5.6	5.8	5.7
15	37	183	669	4.3	4.5	4.4
12	31	177	559	3.6	3.8	3.7