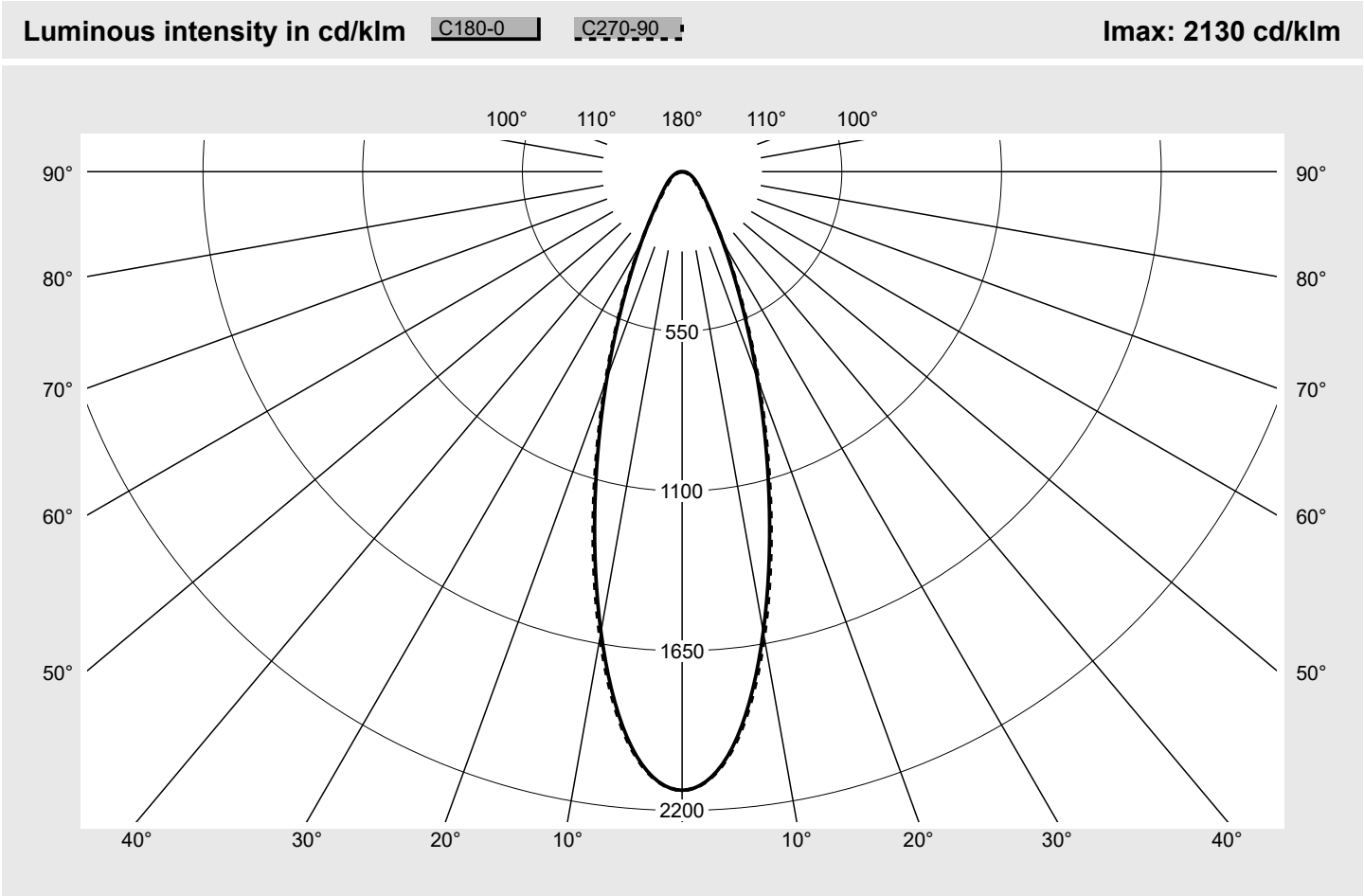


Photometric test report

Family Licross® 11 Recessed	Order number: 51TE11VN4C5S EAN: 4069025093578	LP number 58525_208
	Version	cover frosted, wide distribution, high visual comfort
	Lamps	LED 4000 K CRI ≥ 80
	Controlgear	ECG-DALI CLO
	Rated values	Net luminous flux = 12960 lm Power consumption = 70.6 W Luminous efficacy = 183.6 lm/W
		serial documentation 13.11.2025
		siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 7 1	η_{LB}	100.0%
CIE	N1=84 N2=94 N3=98	ϕ_u	99.1%
	N4=99 N5=100	ϕ_o	0.9%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 11 Recessed	Order number: 51TE11VN4C5S EAN: 4069025093578	LP number 58525_208
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°	2130.5	2130.5	2130.5	2130.5	2130.5	2130.5	2130.5	12.7	12.7
5°	1990.0	1982.4	1972.8	1980.9	1991.5	1994.0	1997.3	94.9	107.6
10°	1609.4	1602.7	1594.9	1604.0	1616.7	1623.6	1628.9	153.3	260.9
15°	1156.5	1152.7	1146.1	1151.7	1161.7	1170.4	1176.7	164.3	425.2
20°	757.1	754.5	751.0	754.8	760.5	766.7	772.3	142.2	567.4
25°	464.1	463.3	461.4	464.7	468.5	471.4	475.4	108.1	675.5
30°	281.8	280.0	276.3	277.8	280.6	282.2	284.6	76.7	752.2
35°	178.8	175.8	169.5	168.1	169.9	172.0	174.0	54.1	806.3
40°	123.8	119.7	111.6	107.8	108.9	112.2	115.0	39.9	846.2
45°	92.5	87.9	79.0	74.1	74.5	78.8	82.8	31.1	877.3
50°	72.9	68.3	60.1	54.9	54.7	59.1	63.7	25.6	902.9
55°	58.5	54.5	47.8	42.9	42.0	45.8	50.2	21.5	924.4
60°	46.6	43.5	38.6	34.6	32.9	35.6	39.1	18.0	942.5
65°	36.7	34.5	31.1	28.0	26.1	27.3	29.5	14.9	957.4
70°	28.5	27.0	24.6	22.5	20.4	20.1	21.2	12.0	969.4
75°	21.8	20.7	19.0	17.5	15.4	14.0	14.0	9.2	978.6
80°	16.2	15.4	14.3	12.9	10.9	8.9	8.1	6.7	985.3
85°	11.7	11.2	10.3	9.1	7.1	4.7	3.5	4.6	989.8
90°	8.1	7.7	6.9	5.8	3.9	1.7	0.3	2.8	992.6
95°	6.9	6.6	5.8	4.7	3.0	1.1	0.2	2.3	994.8
100°	6.0	5.6	4.9	3.8	2.2	0.6	0.2	1.8	996.7
105°	5.1	4.8	4.0	2.9	1.5	0.3	0.2	1.4	998.1
110°	4.3	4.0	3.2	2.2	0.9	0.2	0.2	1.1	999.2
115°	3.6	3.2	2.5	1.6	0.5	0.3	0.3	0.8	1000.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
175°	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

Photometric test report

Family Licross® 11 Recessed		Order number: 51TE11VN4C5S EAN: 4069025093578							LP number 58525_208	
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
Reflection factor of walls		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3
Reflection factor of floor		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	18.6	19.8	18.9	20.1	20.4	17.8	19.0	18.1	19.3
	3H	19.8	20.9	20.2	21.2	21.6	18.7	19.8	19.1	20.1
	4H	20.5	21.5	20.9	21.8	22.2	19.1	20.1	19.5	20.4
	6H	21.1	22.0	21.6	22.4	22.8	19.4	20.3	19.8	20.6
	8H	21.6	22.3	22.0	22.7	23.1	19.6	20.3	20.0	20.7
	12H	21.9	22.6	22.4	23.0	23.4	19.6	20.3	20.1	20.7
4H	2H	18.9	19.8	19.2	20.2	20.6	18.2	19.1	18.6	19.5
	3H	20.3	21.1	20.8	21.5	22.0	19.3	20.1	19.7	20.5
	4H	21.1	21.8	21.6	22.3	22.7	19.8	20.5	20.2	20.9
	6H	22.0	22.6	22.4	23.0	23.5	20.2	20.8	20.7	21.3
	8H	22.4	23.0	22.9	23.4	23.9	20.4	20.9	20.8	21.4
	12H	22.9	23.4	23.4	23.9	24.4	20.5	20.9	21.0	21.4
8H	4H	21.3	21.9	21.8	22.3	22.8	20.2	20.7	20.6	21.1
	6H	22.4	22.8	22.9	23.3	23.8	20.7	21.2	21.2	21.7
	8H	22.9	23.3	23.4	23.8	24.3	20.9	21.4	21.5	21.8
	12H	23.6	23.9	24.1	24.4	25.0	21.1	21.5	21.7	22.0
12H	4H	21.4	21.8	21.8	22.3	22.8	20.2	20.7	20.7	21.2
	6H	22.4	22.8	22.9	23.3	23.8	20.9	21.3	21.4	21.8
	8H	23.1	23.4	23.6	23.9	24.4	21.2	21.5	21.7	22.0

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 1500 B = 58	
C-planes	γ	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°
			Luminance in cd/m²				
45° 50° 55° 60°	γ	19493.0	18508.3	16646.6	15613.3	15700.3	16604.9
		16896.1	15831.9	13937.2	12731.4	12666.3	13703.8
		15202.8	14163.5	12412.5	11146.1	10900.7	11903.7
		13897.9	12972.2	11499.8	10294.7	9815.0	10613.5
65° 70° 75° 80°	γ	12938.9	12162.1	10975.6	9883.6	9207.5	9608.0
		12403.9	11747.1	10717.5	9785.4	8905.6	8772.3
		12520.1	11898.5	10928.1	10051.6	8867.6	8037.7
		13919.6	13245.3	12256.2	11075.8	9322.3	7596.3
85°	γ	20050.5	19084.8	17596.1	15608.3	12073.7	8108.4

Photometric test report

Family
Licross® 11 Recessed

Order number: 51TE11VN4C5S
EAN: 4069025093578

LP number
58525_208

Luminance values in cd/m²

γ 65°

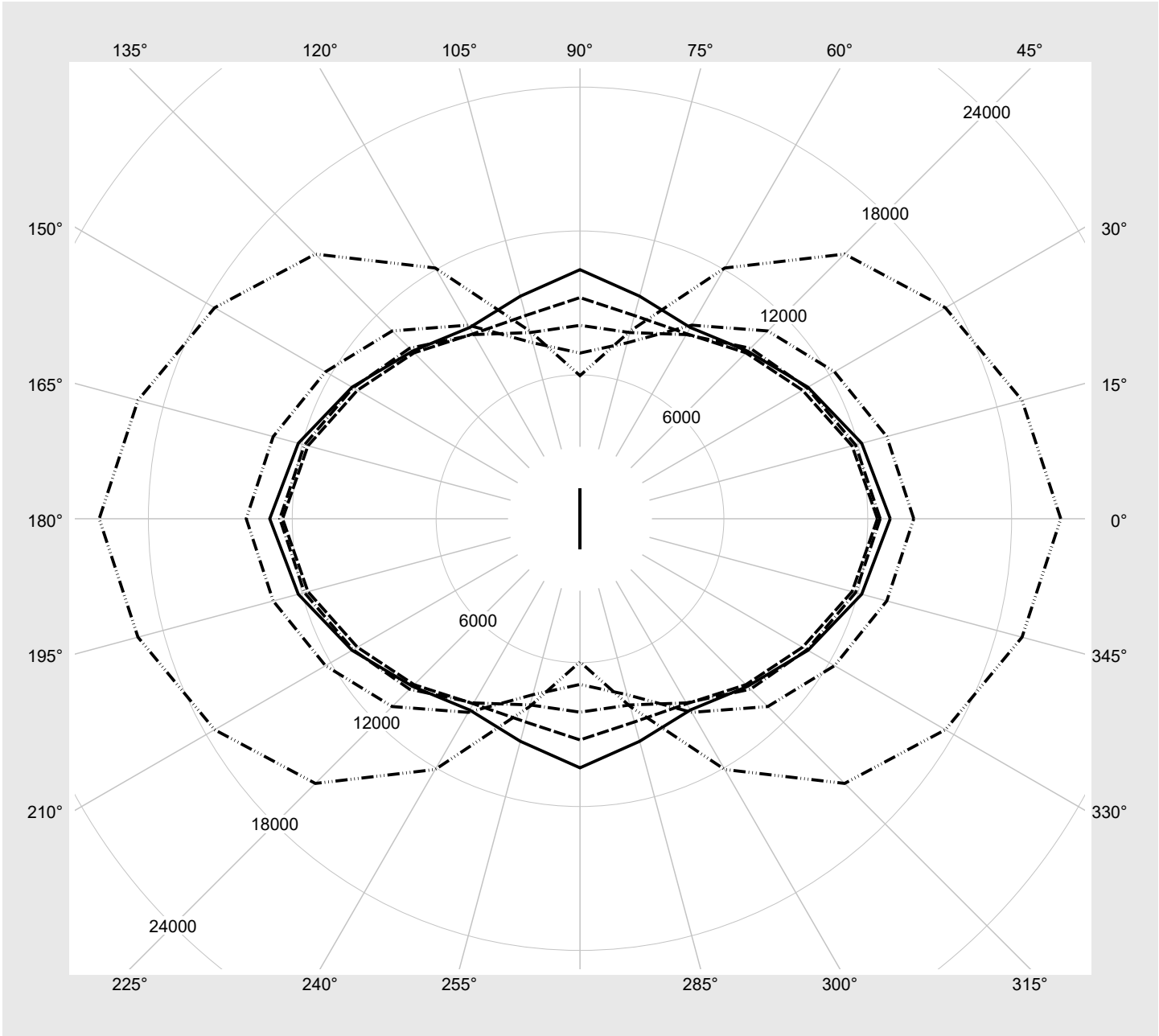
γ 70°

γ 75°

γ 80°

γ 85°

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Photometric test report

Family Licross® 11 Recessed	Order number: 51TE11VN4C5S EAN: 4069025093578	LP number 58525_208
Dimming levels table		environmental temperature: 25°C

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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	12960	70.6	74.3	72.4
95	240	252	12289	66.6	70.2	68.4
90	227	250	11666	63.0	66.3	64.6
85	214	248	11037	59.4	62.5	61.0
80	200	245	10354	55.6	58.5	57.0
75	187	243	9717	52.0	54.6	53.3
70	174	240	9075	48.4	50.9	49.6
65	161	237	8426	44.8	47.2	46.0
60	148	234	7775	41.3	43.5	42.4
55	135	231	7118	37.9	39.8	38.8
50	123	227	6505	34.6	36.4	35.5
45	110	223	5838	31.2	32.7	32.0
40	97	219	5166	27.8	29.1	28.4
35	85	214	4537	24.6	25.7	25.2
30	73	208	3907	21.4	22.5	22.0
25	60	201	3220	18.1	18.9	18.5
20	48	193	2582	15.0	15.6	15.3
15	36	182	1938	11.7	12.2	12.0
10	24	168	1290	8.7	9.0	8.8
5	12	142	638	5.6	5.8	5.7
2	5	110	255	3.8	3.9	3.8