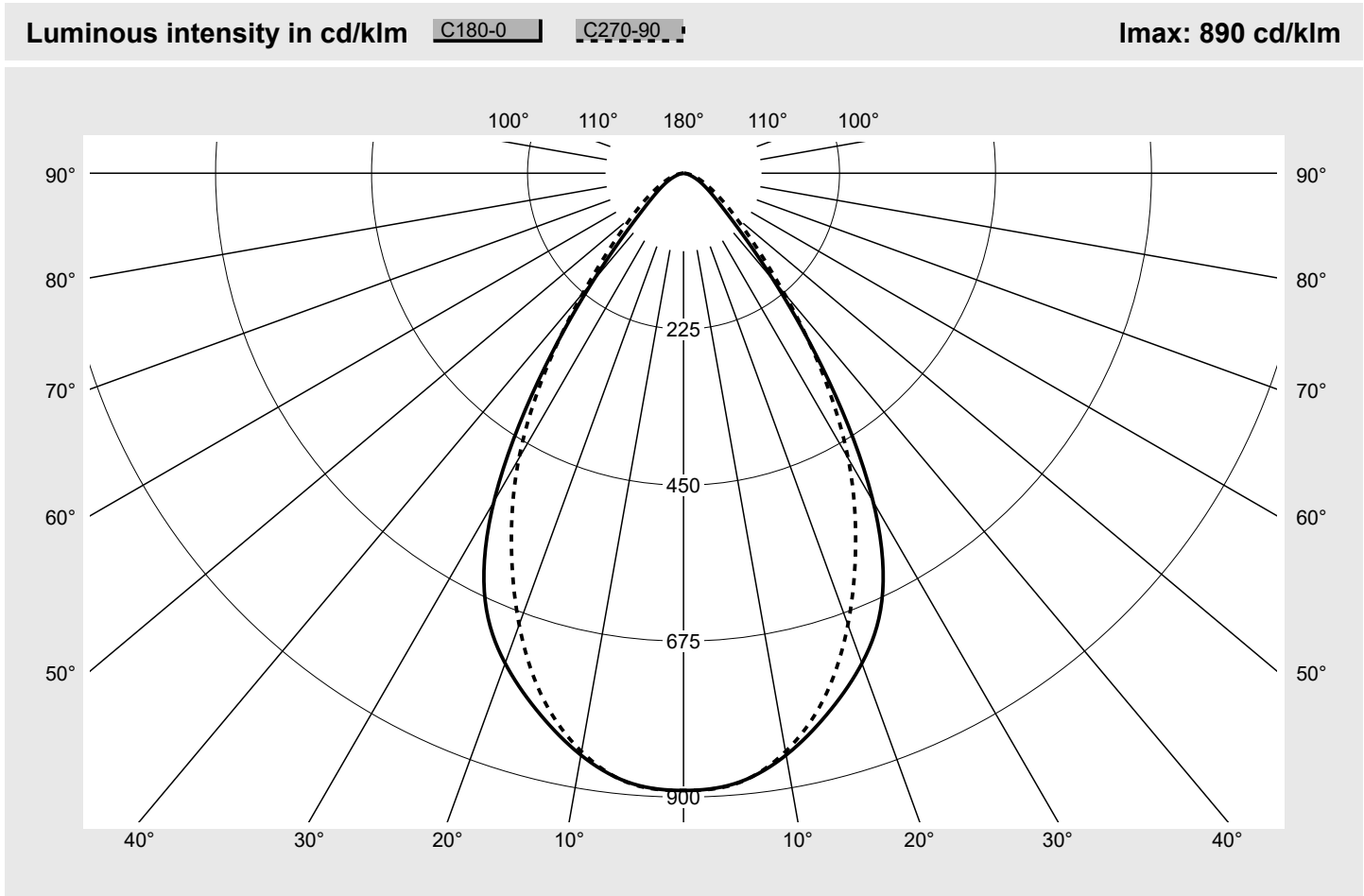


Photometric test report

Family Licross® 11 Recessed	Order number: 51TE18VN48XG EAN: 4058352972335	LP number 58691_216
	Version	cover frosted, medium distribution, high visual comfort
	Lamps	LED 4000 K CRI ≥ 80
	Controlgear	ECG-DALI CLO
	Rated values	Net luminous flux = 8000 lm Power consumption = 44.7 W Luminous efficacy = 179 lm/W
		serial documentation 13.11.2025
		



Classifications		Luminaire light output ratios	
DIN 5040	A 6 0	η_{LB}	100.0%
CIE	N1=83 N2=96 N3=99	ϕ_u	100.0%
	N4=100 N5=100	ϕ_o	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 11 Recessed	Order number: 51TE18VN48XG EAN: 4058352972335	LP number 58691_216
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°	890.5	890.5	890.5	890.5	890.5	890.5	890.5	5.3	5.3
5°	883.0	882.3	875.7	876.1	880.2	881.2	883.8	42.0	47.4
10°	852.3	852.7	846.0	846.4	847.1	846.1	847.2	80.7	128.1
15°	806.0	807.1	800.6	798.1	793.1	786.0	783.9	113.0	241.1
20°	752.4	753.8	745.8	735.1	719.0	700.4	693.3	136.8	377.8
25°	677.7	678.7	666.2	642.3	616.2	594.6	587.5	147.9	525.7
30°	547.1	547.0	530.5	500.0	481.5	475.9	474.8	139.1	664.9
35°	364.4	363.5	349.1	327.1	328.9	340.7	345.9	108.2	773.0
40°	203.2	202.2	193.4	185.6	201.9	218.9	225.4	71.4	844.5
45°	108.8	108.0	102.7	103.7	123.9	139.5	144.1	45.5	890.0
50°	66.7	66.1	62.8	66.6	83.9	94.8	97.2	31.9	921.9
55°	45.6	45.3	45.3	49.0	60.9	67.0	67.8	24.3	946.1
60°	31.9	31.8	34.1	38.0	45.2	47.1	47.1	18.6	964.8
65°	21.6	21.7	24.8	28.3	33.6	33.2	32.9	14.0	978.8
70°	13.4	13.7	16.2	19.9	24.5	23.3	22.8	9.9	988.7
75°	7.5	7.7	9.1	12.7	16.1	15.5	14.8	6.4	995.1
80°	4.0	4.1	4.6	6.4	8.9	8.9	8.1	3.5	998.6
85°	1.9	1.8	2.0	2.6	3.4	3.5	3.0	1.4	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

Photometric test report

Family Licross® 11 Recessed	Order number: 51TE18VN48XG EAN: 4058352972335	LP number 58691_216
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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	18.2	19.5	18.5	19.8	20.1	19.1	20.4	19.5	20.7	21.0
	3H	18.4	19.5	18.7	19.9	20.2	19.6	20.7	20.0	21.1	21.4
	4H	18.4	19.5	18.8	19.8	20.2	19.8	20.8	20.2	21.2	21.6
	6H	18.4	19.4	18.8	19.7	20.1	19.9	20.9	20.3	21.2	21.6
	8H	18.5	19.3	18.9	19.7	20.1	20.0	20.9	20.5	21.2	21.6
	12H	18.5	19.2	18.9	19.6	20.0	20.0	20.8	20.5	21.2	21.6
4H	2H	18.3	19.4	18.7	19.8	20.1	19.2	20.3	19.6	20.6	21.0
	3H	18.6	19.5	19.1	19.9	20.3	19.8	20.7	20.3	21.1	21.5
	4H	18.7	19.5	19.1	19.9	20.3	20.1	20.9	20.6	21.3	21.8
	6H	18.7	19.4	19.2	19.8	20.3	20.4	21.0	20.8	21.5	21.9
	8H	18.7	19.3	19.2	19.8	20.2	20.4	21.0	20.9	21.5	22.0
	12H	18.7	19.2	19.2	19.7	20.2	20.5	21.0	21.0	21.4	21.9
8H	4H	18.8	19.4	19.3	19.8	20.3	20.2	20.8	20.6	21.2	21.7
	6H	18.8	19.3	19.3	19.8	20.3	20.5	20.9	21.0	21.4	21.9
	8H	18.8	19.3	19.3	19.8	20.3	20.6	21.0	21.1	21.5	22.0
	12H	18.9	19.2	19.4	19.7	20.3	20.6	21.0	21.2	21.5	22.0
12H	4H	18.8	19.3	19.3	19.8	20.3	20.2	20.7	20.7	21.1	21.6
	6H	18.9	19.3	19.4	19.8	20.3	20.5	20.9	21.0	21.3	21.9
	8H	18.9	19.2	19.4	19.7	20.3	20.6	20.9	21.1	21.4	22.0

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 1500 B = 58	
C-planes	0°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
	180°						
γ	Luminance in cd/m²						
45°	14151.8	14048.6	13349.5	13479.4	16115.7	18136.8	18744.3
50°	9548.4	9455.9	8978.4	9531.2	12007.2	13561.3	13912.0
55°	7308.4	7263.6	7267.6	7849.9	9756.2	10738.2	10868.2
60°	5872.2	5843.1	6280.3	6994.6	8306.0	8661.0	8652.9
65°	4703.7	4722.8	5397.3	6165.0	7306.2	7214.1	7150.8
70°	3594.1	3689.0	4363.5	5346.2	6584.0	6275.9	6125.1
75°	2663.9	2739.9	3237.0	4496.8	5726.5	5519.0	5258.9
80°	2118.7	2153.1	2444.4	3396.5	4731.5	4692.3	4312.6
85°	1965.6	1946.6	2104.8	2783.2	3598.8	3717.0	3155.7

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Family
Licross® 11 Recessed

Order number: 51TE18VN48XG
EAN: 4058352972335

LP number
58691_216

Luminance values in cd/m²

γ 65°

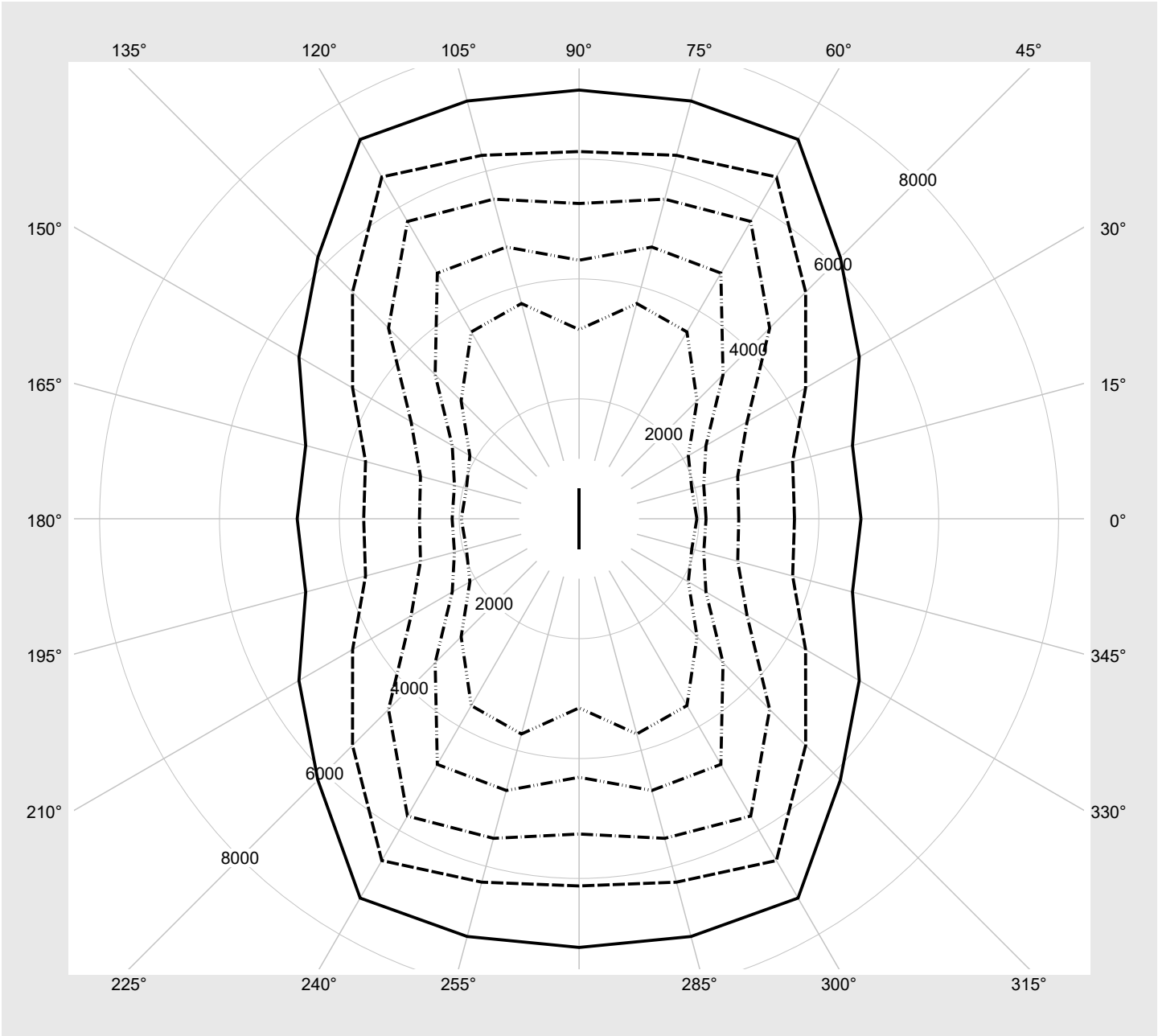
γ 70°

γ 75°

γ 80°

γ 85°

siteco



Photometric test report

Family Licross® 11 Recessed	Order number: 51TE18VN48XG EAN: 4058352972335	LP number 58691_216
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	8000	44.7	47.1	45.9
95	240	252	7588	42.2	44.5	43.4
90	227	250	7201	40.0	42.1	41.0
85	214	248	6814	37.6	39.7	38.7
80	200	245	6394	35.2	36.9	36.0
75	187	243	6000	32.9	34.6	33.8
70	174	240	5600	30.8	32.2	31.5
65	161	237	5200	28.5	29.9	29.2
60	148	234	4797	26.3	27.6	27.0
55	135	231	4391	24.1	25.3	24.7
50	123	227	4011	22.1	23.1	22.6
45	110	223	3601	19.9	20.9	20.4
40	97	219	3186	17.8	18.6	18.2
35	85	214	2801	15.8	16.6	16.2
30	73	208	2410	13.9	14.5	14.2
25	60	201	1988	11.6	12.2	11.9
20	48	193	1594	9.6	10.0	9.8
15	36	182	1199	7.8	8.0	7.9
10	24	168	797	5.7	5.9	5.8
5	12	142	395	3.9	4.0	4.0
2	5	110	160	2.8	2.8	2.8