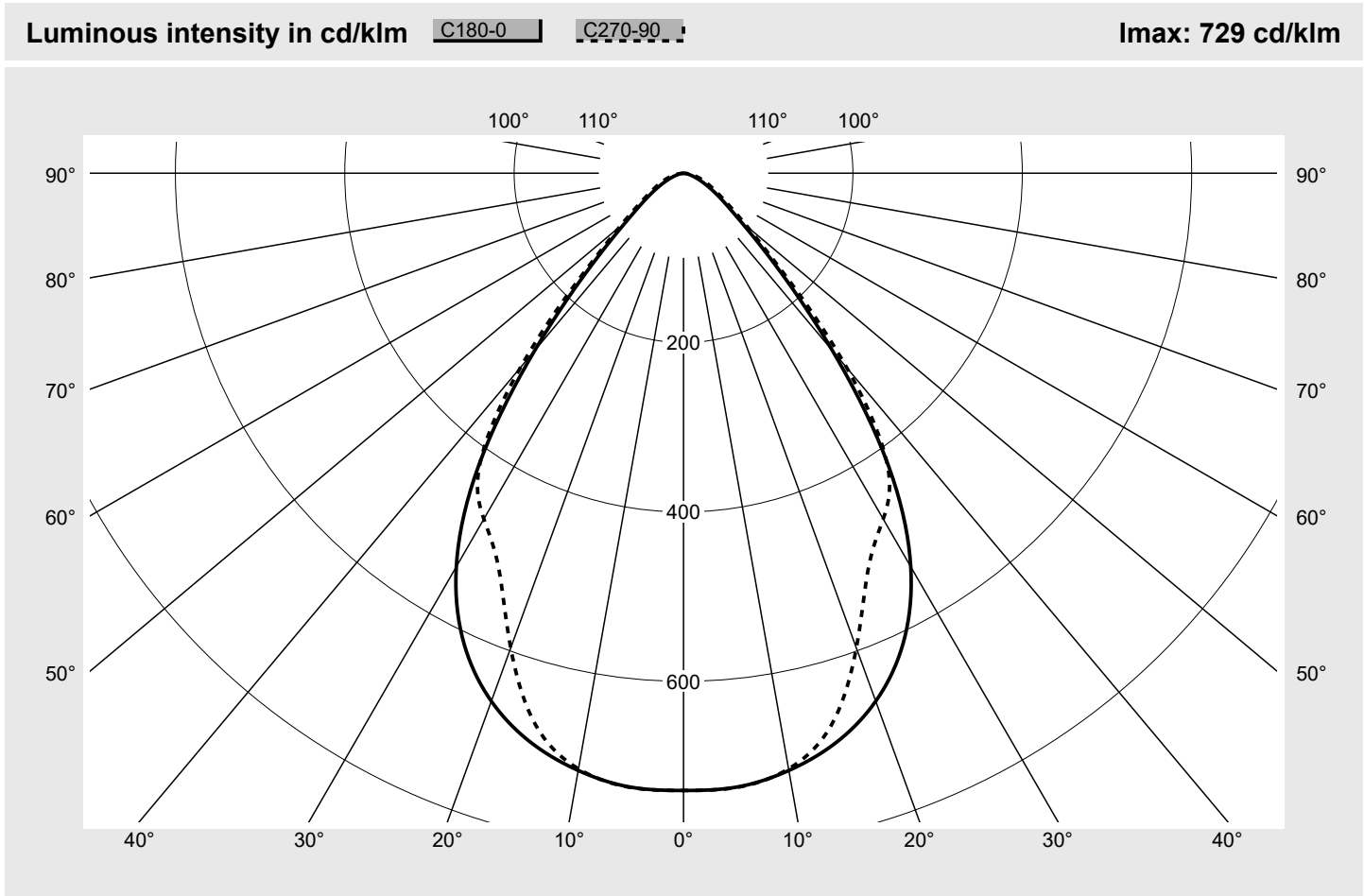


Photometric test report

Family Licross® 21 Recessed	Order number: 52TL18DV46XGD EAN: 4069025113894	LP number 59103_300
	Version	cover frosted, medium distribution, high visual comfort
	Lamps	LED 4000 K CRI ≥ 80
	Controlgear	ECG-DALI
	Setting	DC mode (central or group accumulator) initial emergency light level
	Rated values	Net luminous flux = 940 lm Power consumption = 4.6 W Luminous efficacy = 204.3 lm/W
		serial documentation 17.05.2024
		siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 6 0	η_{LB}	100.0%
CIE	N1=79 N2=95 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® 21 Recessed	Order number: 52TL18DV46XGD EAN: 4069025113894	LP number 59103_300
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°	728.9	728.9	728.9	728.9	728.9	728.9	728.9	4.4	4.4
5°	727.6	725.6	721.4	724.4	727.7	727.5	728.0	34.7	39.0
10°	716.2	715.8	711.3	714.1	716.0	714.5	714.3	68.0	107.0
15°	696.1	697.2	692.4	692.3	687.6	678.3	674.7	97.7	204.8
20°	663.5	665.6	659.3	649.0	628.4	605.3	596.6	119.9	324.7
25°	613.2	616.1	603.1	573.7	542.7	522.2	516.0	132.1	456.8
30°	536.6	538.7	513.6	472.5	462.2	468.1	471.5	135.2	592.0
35°	422.0	421.2	386.0	361.6	387.1	411.1	419.4	125.1	717.1
40°	273.6	269.8	241.4	246.2	279.1	295.4	299.7	95.1	812.2
45°	153.4	148.0	132.2	146.4	164.6	167.9	167.6	59.4	871.5
50°	87.1	86.0	88.4	95.4	105.5	102.0	98.3	39.9	911.4
55°	56.5	55.2	58.2	69.2	74.7	68.5	64.6	28.9	940.4
60°	37.8	37.4	39.6	46.2	52.4	47.5	45.7	20.9	961.3
65°	24.5	24.8	27.6	32.4	36.8	34.0	33.6	15.3	976.6
70°	15.3	15.7	18.0	22.8	25.8	24.5	24.5	10.9	987.5
75°	8.5	8.7	10.3	14.3	17.1	16.5	16.4	7.0	994.5
80°	4.5	4.6	5.3	7.4	9.6	9.5	9.0	3.9	998.3
85°	2.3	2.3	2.4	3.2	3.8	3.8	3.2	1.7	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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

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Family Licross® 21 Recessed	Order number: 52TL18DV46XGD EAN: 4069025113894	LP number 59103_300
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	10.6	12.0	11.0	12.3	12.6	11.3	12.6	11.6	12.9	13.2
	3H	10.8	12.0	11.1	12.3	12.7	11.6	12.8	12.0	13.2	13.5
	4H	10.8	11.9	11.2	12.2	12.6	11.8	12.9	12.2	13.3	13.6
	6H	10.8	11.8	11.2	12.2	12.6	11.9	12.9	12.3	13.3	13.7
	8H	10.8	11.7	11.3	12.1	12.5	12.0	12.9	12.5	13.3	13.7
	12H	10.8	11.7	11.3	12.0	12.5	12.0	12.8	12.5	13.2	13.7
4H	2H	10.8	11.9	11.2	12.2	12.6	11.3	12.5	11.7	12.8	13.2
	3H	11.0	11.9	11.4	12.3	12.7	11.9	12.8	12.3	13.2	13.6
	4H	11.1	11.9	11.5	12.3	12.7	12.1	13.0	12.6	13.4	13.8
	6H	11.1	11.8	11.5	12.2	12.7	12.3	13.0	12.8	13.5	13.9
	8H	11.1	11.7	11.5	12.1	12.6	12.4	13.0	12.9	13.5	13.9
	12H	11.1	11.6	11.6	12.1	12.6	12.5	13.0	12.9	13.4	13.9
8H	4H	11.1	11.8	11.6	12.2	12.7	12.2	12.8	12.6	13.2	13.7
	6H	11.2	11.7	11.7	12.2	12.7	12.4	12.9	12.9	13.4	13.9
	8H	11.2	11.6	11.7	12.1	12.6	12.5	13.0	13.0	13.4	14.0
	12H	11.2	11.6	11.7	12.1	12.6	12.6	12.9	13.1	13.5	14.0
12H	4H	11.2	11.7	11.6	12.1	12.6	12.2	12.7	12.7	13.2	13.7
	6H	11.2	11.6	11.7	12.1	12.6	12.4	12.8	12.9	13.3	13.9
	8H	11.2	11.6	11.7	12.1	12.6	12.5	12.9	13.0	13.4	13.9

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 2250 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°	1562.6	1507.3	1346.5	1490.8	1676.7	1710.3	1707.7
50°	976.5	963.7	990.7	1069.1	1182.4	1142.7	1102.0
55°	709.2	692.9	730.5	869.6	938.0	860.7	811.0
60°	544.1	538.2	570.0	665.6	754.4	684.3	658.0
65°	418.2	423.4	470.4	553.0	627.3	579.7	572.8
70°	321.3	329.9	379.0	479.4	542.9	516.2	516.7
75°	235.6	242.7	286.4	398.6	475.4	459.9	455.7
80°	187.2	192.4	218.7	304.9	396.4	393.2	372.2
85°	192.7	190.7	201.1	261.8	312.2	312.2	264.0

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Family Licross® 21 Recessed	Order number: 52TL18DV46XGD EAN: 4069025113894	LP number 59103_300
Luminance values in cd/m²		siteco
		γ 65° γ 70° γ 75° γ 80° γ 85°

