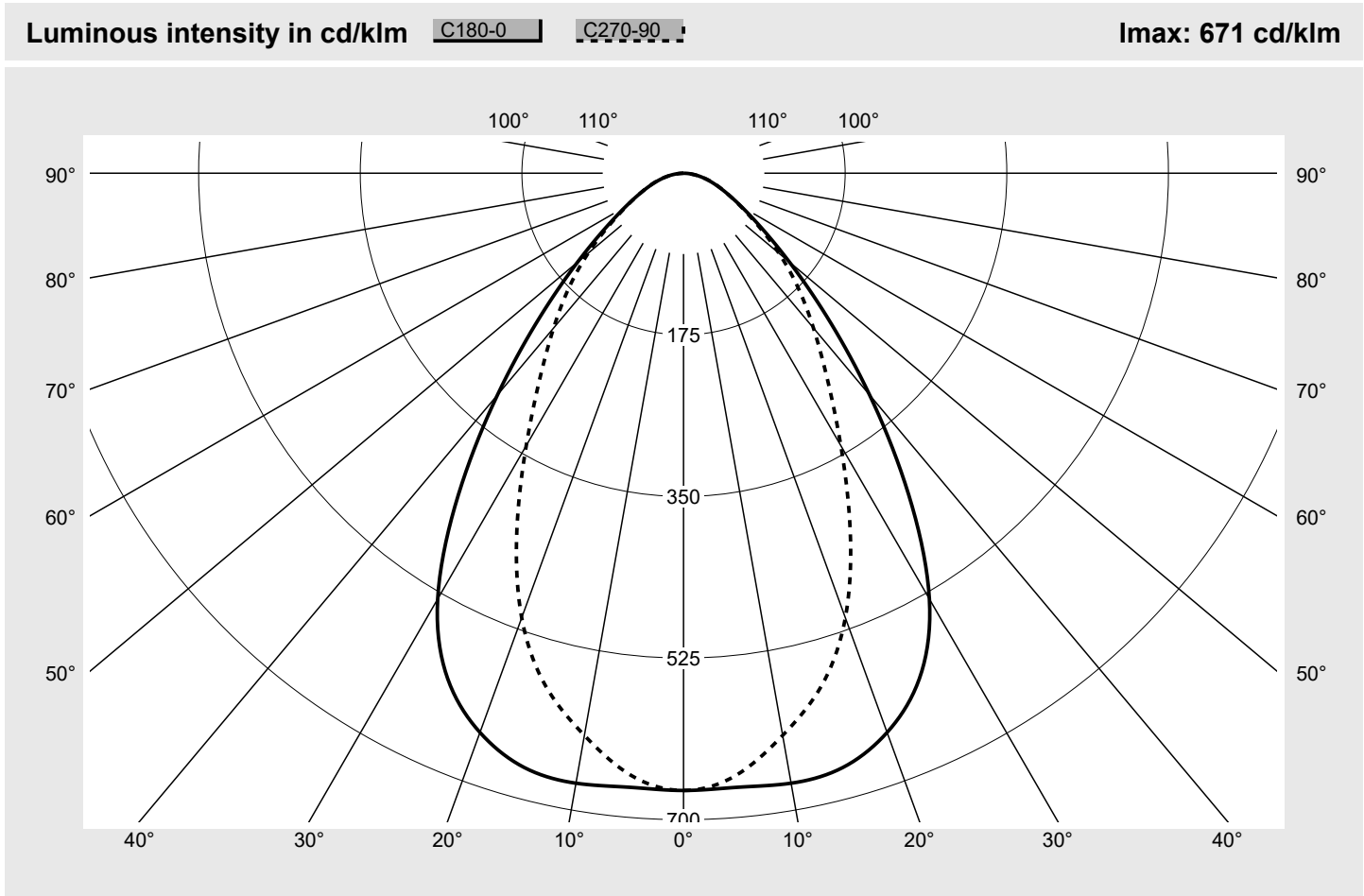


Photometric test report

Family Licross® 21 Recessed	Order number: 52TL127N44XG EAN: 4069025157799	LP number 59101_376
	Version	cover frosted, wide distribution, high visual comfort
	Lamps	LED 4000 K CRI ≥ 80
	Controlgear	ECG
	Rated values	Net luminous flux = 4160 lm Power consumption = 22.2 W Luminous efficacy = 187.4 lm/W
		serial documentation 24.06.2024
		siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 6 0	η_{LB}	100.0%
CIE	N1=72 N2=92 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

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Table of values for luminous intensities		Maximum luminous intensity
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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°	668.4	668.4	668.4	668.4	668.4	668.4	668.4	4.0	4.0
5°	667.5	664.4	657.4	655.8	655.7	654.2	654.4	31.4	35.4
10°	670.7	665.0	649.1	636.1	625.3	618.7	618.1	60.9	96.3
15°	666.2	657.2	632.9	612.0	594.0	578.5	575.5	87.4	183.7
20°	644.4	632.9	606.9	585.4	554.6	522.7	512.3	108.8	292.5
25°	604.1	590.6	566.7	541.2	494.5	444.9	427.0	121.8	414.2
30°	532.4	517.7	496.3	466.1	413.9	359.9	340.6	122.9	537.1
35°	425.0	409.7	387.0	361.9	325.4	286.0	271.1	111.0	648.1
40°	313.4	295.8	270.7	255.1	246.8	229.4	218.8	91.8	739.9
45°	219.2	200.3	175.7	171.1	181.8	184.7	175.5	71.8	811.7
50°	149.7	132.6	112.6	116.3	133.0	145.6	134.9	54.8	866.5
55°	102.7	89.1	74.7	81.5	98.1	107.9	98.1	41.3	907.7
60°	72.4	62.1	51.3	58.3	71.8	76.5	71.0	31.0	938.7
65°	52.1	44.3	35.9	41.6	51.4	54.2	52.1	23.1	961.9
70°	37.6	31.7	24.7	29.1	35.6	38.4	38.3	16.9	978.8
75°	26.0	21.3	16.2	19.0	22.9	25.9	26.8	11.6	990.4
80°	16.1	12.5	9.2	10.4	12.6	14.8	15.7	6.8	997.3
85°	7.0	5.4	3.8	4.1	4.8	5.7	5.8	2.7	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: 52TL127N44XG EAN: 4069025157799							LP number 59101_376	
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)			
2H	x									
	2H	18.7	20.1	19.1	20.4	20.8	18.6	20.1	19.0	20.4
	3H	19.3	20.5	19.7	20.9	21.2	19.4	20.7	19.8	21.0
	4H	19.6	20.7	20.0	21.1	21.5	19.8	20.9	20.2	21.3
	6H	19.8	20.9	20.2	21.3	21.7	20.0	21.1	20.4	21.5
	8H	20.0	20.9	20.4	21.3	21.7	20.2	21.1	20.6	21.5
4H	12H	20.1	20.9	20.5	21.3	21.7	20.2	21.1	20.6	21.5
	2H	18.9	20.0	19.3	20.4	20.8	18.8	20.0	19.2	20.4
	3H	19.5	20.5	20.0	20.9	21.3	19.8	20.8	20.2	21.2
	4H	19.9	20.7	20.3	21.2	21.6	20.2	21.1	20.7	21.5
	6H	20.2	20.9	20.7	21.4	21.8	20.6	21.3	21.1	21.8
	8H	20.3	21.0	20.8	21.5	21.9	20.7	21.4	21.2	21.8
8H	12H	20.5	21.0	21.0	21.5	22.0	20.8	21.4	21.3	21.9
	4H	19.9	20.6	20.4	21.1	21.6	20.3	21.0	20.8	21.4
	6H	20.3	20.9	20.8	21.3	21.8	20.7	21.3	21.2	21.8
	8H	20.5	21.0	21.0	21.4	22.0	20.9	21.4	21.4	21.9
12H	12H	20.6	21.0	21.1	21.5	22.1	21.0	21.4	21.5	21.9
	4H	20.0	20.6	20.5	21.0	21.5	20.3	20.9	20.8	21.3
	6H	20.3	20.8	20.8	21.3	21.8	20.7	21.2	21.2	21.7
	8H	20.5	20.9	21.0	21.4	21.9	20.9	21.3	21.4	21.8

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°		14824.1	13548.0	11879.4	11572.5	12293.6	12489.8
		11134.9	9861.9	8377.0	8651.8	9893.3	10832.3
		8558.7	7430.0	6228.9	6796.1	8176.3	8999.1
		6922.0	5941.9	4906.7	5579.6	6863.2	7316.9
65° 70° 75° 80°		5895.0	5017.3	4067.2	4709.4	5820.8	6127.2
		5253.2	4429.4	3453.7	4061.9	4972.3	5368.6
		4803.2	3934.6	2999.0	3506.1	4232.7	4777.6
		4430.3	3453.9	2541.0	2876.2	3477.0	4088.8
85°		3842.0	2959.3	2089.7	2253.2	2648.8	3101.9

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Luminance values in cd/m²		γ 65° γ 70° γ 75° γ 80° γ 85°

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