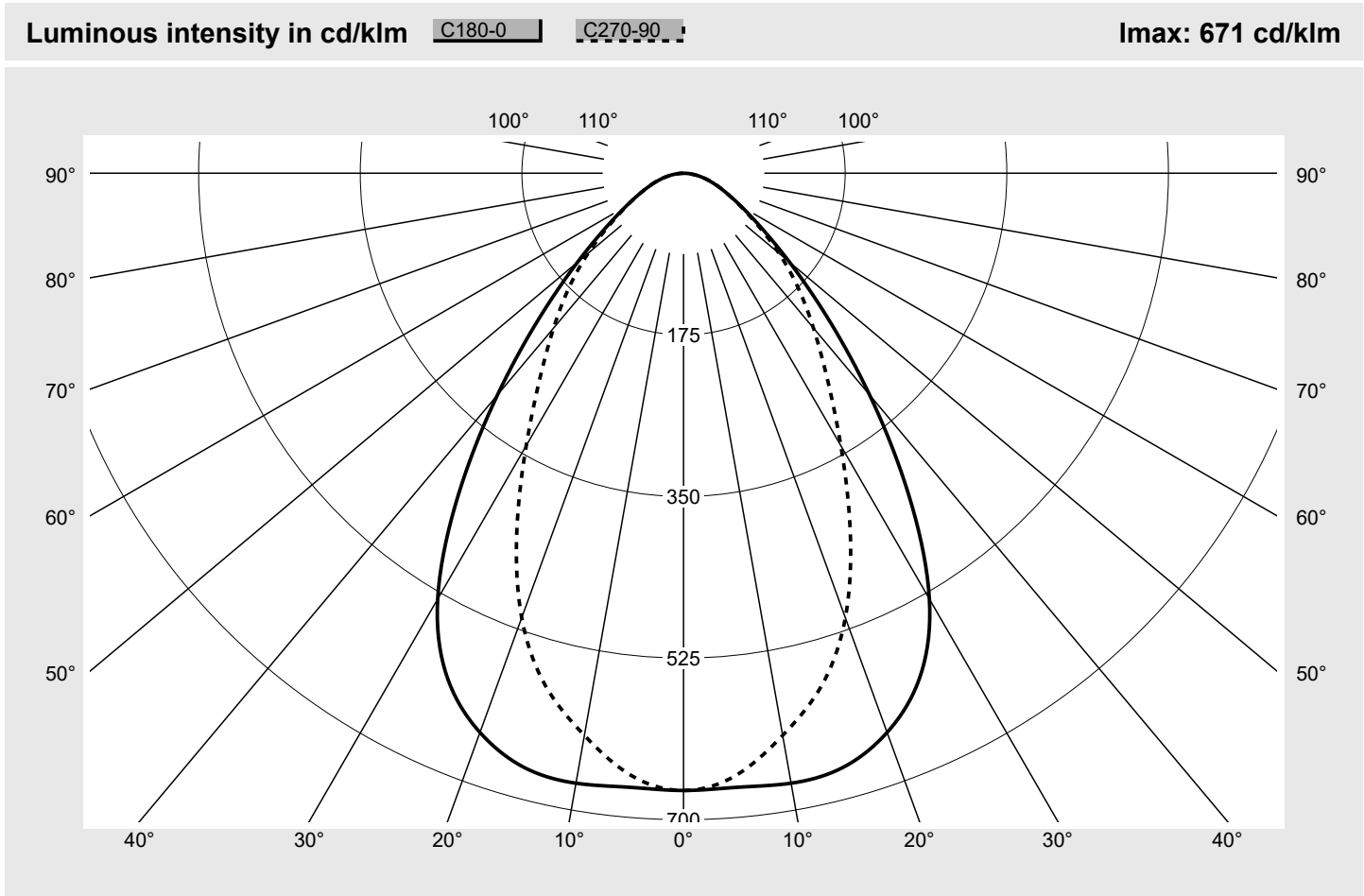


Photometric test report

Family Licross® 21 Recessed	Order number: 52TL127N455G EAN: 4069025223227	LP number 59101_378
	Version	cover frosted, wide distribution, high visual comfort
	Lamps	LED 4000 K CRI ≥ 80
	Controlgear	ECG
	Rated values	Net luminous flux = 5600 lm Power consumption = 29.8 W Luminous efficacy = 187.9 lm/W
		serial documentation 03.09.2024
		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

Family Licross® 21 Recessed	Order number: 52TL127N455G EAN: 4069025223227	LP number 59101_378
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°	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

Photometric test report

Family Licross® 21 Recessed		Order number: 52TL127N455G EAN: 4069025223227		LP number 59101_378	
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	19.7	21.2	20.1	21.5	21.8	19.7	21.1	20.0	21.4
	3H	20.3	21.6	20.7	21.9	22.3	20.5	21.7	20.8	22.1
	4H	20.6	21.8	21.0	22.1	22.5	20.8	22.0	21.2	22.3
	6H	20.9	21.9	21.3	22.3	22.7	21.0	22.1	21.5	22.5
	8H	21.0	22.0	21.5	22.4	22.8	21.2	22.2	21.6	22.5
	12H	21.1	22.0	21.5	22.4	22.8	21.2	22.1	21.7	22.5
4H	2H	19.9	21.1	20.3	21.4	21.8	19.9	21.0	20.3	21.4
	3H	20.6	21.5	21.0	21.9	22.3	20.8	21.8	21.3	22.2
	4H	20.9	21.8	21.3	22.2	22.6	21.3	22.1	21.7	22.6
	6H	21.2	22.0	21.7	22.4	22.9	21.6	22.4	22.1	22.8
	8H	21.4	22.0	21.8	22.5	23.0	21.8	22.4	22.2	22.9
	12H	21.5	22.1	22.0	22.5	23.0	21.8	22.4	22.3	22.9
8H	4H	21.0	21.7	21.5	22.1	22.6	21.3	22.0	21.8	22.4
	6H	21.3	21.9	21.8	22.4	22.9	21.8	22.3	22.3	22.8
	8H	21.5	22.0	22.0	22.5	23.0	21.9	22.4	22.4	22.9
	12H	21.6	22.0	22.2	22.5	23.1	22.0	22.4	22.6	22.9
12H	4H	21.0	21.6	21.5	22.0	22.5	21.3	21.9	21.8	22.4
	6H	21.4	21.8	21.9	22.3	22.8	21.8	22.2	22.3	22.7
	8H	21.5	21.9	22.0	22.4	23.0	21.9	22.3	22.5	22.8

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°	19955.6	18237.6	15991.5	15578.4	16549.1	16813.2	15978.0
50°	14989.2	13275.7	11276.7	11646.7	13317.9	14582.0	13504.2
55°	11521.4	10001.9	8385.0	9148.7	11006.6	12114.1	11003.8
60°	9318.1	7998.7	6605.2	7511.0	9239.0	9849.7	9137.5
65°	7935.5	6754.1	5475.1	6339.6	7835.7	8248.2	7927.9
70°	7071.6	5962.7	4649.3	5467.9	6693.5	7227.0	7208.8
75°	6465.9	5296.5	4037.1	4719.8	5697.9	6431.3	6663.1
80°	5963.9	4649.4	3420.6	3871.7	4680.6	5504.2	5835.2
85°	5172.0	3983.7	2813.1	3033.2	3565.7	4175.7	4311.6

Photometric test report

Family
Licross® 21 Recessed

Order number: 52TL127N455G
EAN: 4069025223227

LP number
59101_378

Luminance values in cd/m²

γ 65°

γ 70°

γ 75°

γ 80°

γ 85°

siteco

