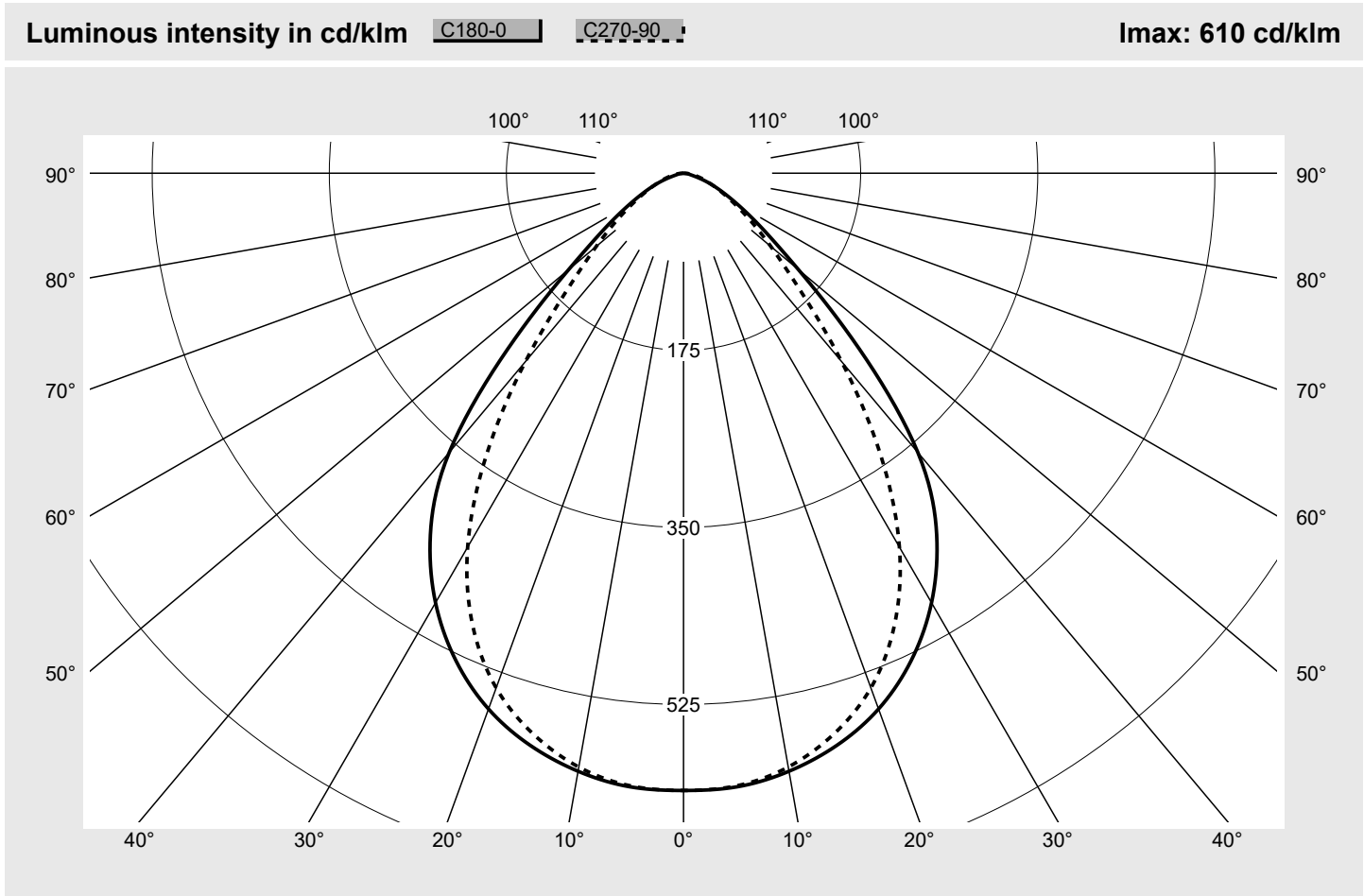


Photometric test report

Family Licross® 21 Recessed	Order number: 52TL1WMN4FXM EAN: 4069025081247	LP number 59521_11
	Version	cover frosted, wide distribution
	Lamps	LED 4000 K CRI ≥ 80
	Controlgear	ECG Multilumen
	Rated values	Net luminous flux = 15140 lm Power consumption = 83.1 W Luminous efficacy = 182.2 lm/W
		serial documentation 15.03.2024
		siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 5 0	η_{LB}	100.0%
CIE	N1=73 N2=94 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: 52TL1WMN4FXM EAN: 4069025081247	LP number 59521_11
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°	610.0	610.0	610.0	610.0	610.0	610.0	610.0	3.6	3.6
5°	608.6	607.6	603.5	605.7	607.8	607.2	607.6	29.0	32.6
10°	600.1	600.0	594.9	595.9	596.5	595.2	595.9	56.8	89.4
15°	585.3	585.9	578.8	577.8	576.6	573.9	573.7	82.1	171.5
20°	563.4	563.9	554.9	550.2	546.3	542.2	541.3	103.4	275.0
25°	531.8	531.9	519.6	510.4	502.3	495.0	493.0	118.6	393.5
30°	490.1	489.9	473.2	457.8	443.0	430.6	426.6	125.7	519.3
35°	436.1	434.9	413.9	389.9	365.2	345.5	339.2	122.5	641.7
40°	360.2	357.4	334.2	303.1	273.1	250.6	243.1	106.9	748.6
45°	245.6	242.6	226.1	203.9	182.4	166.8	161.9	79.2	827.8
50°	148.2	149.1	145.2	133.7	122.4	114.2	112.6	55.6	883.4
55°	94.6	95.2	94.9	92.6	85.9	79.9	79.2	40.1	923.5
60°	61.8	62.8	63.1	63.8	60.6	55.1	54.9	28.8	952.3
65°	39.8	41.1	42.4	42.8	42.4	38.1	37.8	20.3	972.6
70°	23.6	24.8	26.8	28.2	28.2	26.4	25.7	13.6	986.2
75°	10.5	11.2	13.0	16.6	16.9	18.1	17.0	7.9	994.2
80°	5.4	5.5	5.6	6.4	8.9	11.0	9.8	4.1	998.2
85°	2.7	2.8	2.9	2.9	2.8	4.7	4.7	1.8	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: 52TL1WMN4FXM EAN: 4069025081247							LP number 59521_11	
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	23.9	25.3	24.2	25.6	25.9	22.6	24.0	22.9	24.3	24.6
	3H	24.1	25.4	24.5	25.7	26.1	23.0	24.3	23.4	24.6	25.0
	4H	24.2	25.3	24.6	25.7	26.0	23.2	24.3	23.6	24.7	25.1
	6H	24.1	25.2	24.6	25.6	26.0	23.3	24.4	23.7	24.7	25.1
	8H	24.2	25.1	24.6	25.5	25.9	23.4	24.4	23.8	24.7	25.2
	12H	24.2	25.1	24.6	25.4	25.9	23.4	24.3	23.9	24.7	25.1
4H	2H	24.0	25.2	24.4	25.5	25.9	22.9	24.0	23.3	24.4	24.8
	3H	24.3	25.3	24.8	25.7	26.1	23.4	24.4	23.9	24.8	25.2
	4H	24.4	25.3	24.8	25.7	26.1	23.7	24.5	24.1	24.9	25.4
	6H	24.4	25.1	24.9	25.6	26.0	23.9	24.6	24.3	25.1	25.5
	8H	24.4	25.1	24.9	25.5	26.0	24.0	24.6	24.4	25.1	25.6
	12H	24.4	25.0	24.9	25.4	25.9	24.0	24.6	24.5	25.1	25.6
8H	4H	24.4	25.1	24.9	25.5	26.0	23.7	24.4	24.2	24.8	25.3
	6H	24.4	25.0	24.9	25.4	25.9	24.0	24.5	24.5	25.0	25.5
	8H	24.4	24.9	24.9	25.4	25.9	24.1	24.6	24.6	25.0	25.6
	12H	24.4	24.8	24.9	25.3	25.9	24.2	24.6	24.7	25.1	25.6
12H	4H	24.4	25.0	24.9	25.4	25.9	23.7	24.3	24.2	24.7	25.2
	6H	24.4	24.9	24.9	25.4	25.9	24.0	24.4	24.5	24.9	25.4
	8H	24.4	24.8	24.9	25.3	25.8	24.1	24.5	24.6	25.0	25.5

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°	60451.7	59716.6	55637.6	50189.1	44884.8	41059.5	39840.1
50°	40109.7	40369.6	39304.3	36196.3	33134.9	30906.7	30481.7
55°	28690.7	28880.6	28800.8	28086.3	26053.5	24235.9	24028.1
60°	21497.4	21841.6	21976.3	22214.7	21077.3	19187.4	19112.6
65°	16404.2	16903.7	17448.5	17634.2	17475.3	15673.3	15574.9
70°	11985.5	12602.2	13627.4	14330.6	14342.3	13415.8	13088.1
75°	7088.8	7501.7	8758.3	11176.2	11376.6	12156.5	11459.9
80°	5458.8	5517.9	5618.1	6462.9	8904.2	11063.8	9825.2
85°	5472.9	5578.8	5696.6	5800.4	5520.8	9286.6	9286.6

Photometric test report

Family
Licross® 21 Recessed

Order number: **52TL1WMN4FXM**
EAN: **4069025081247**

LP number
59521_11

Luminance values in cd/m²

γ 65°

γ 70°

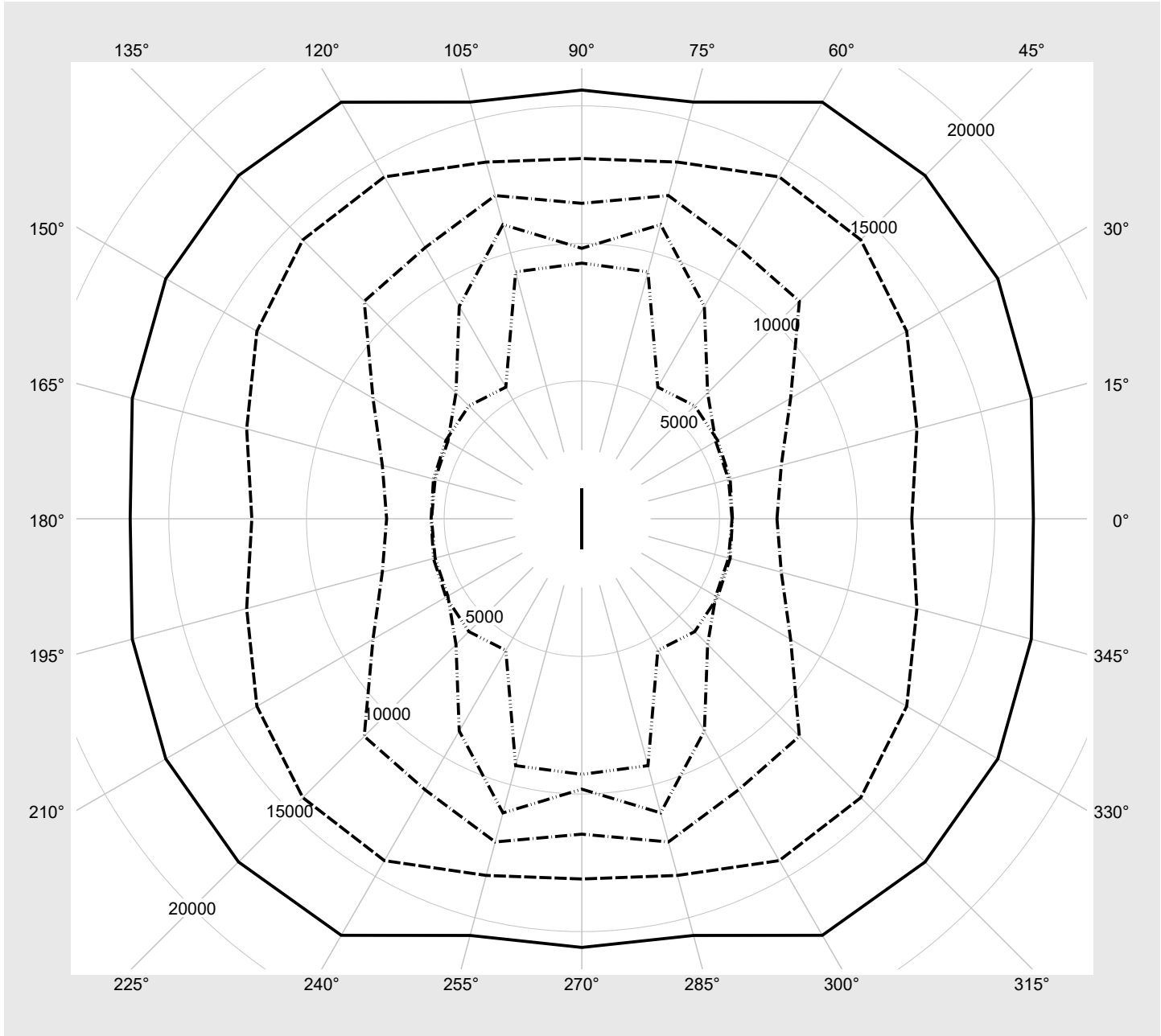
γ 75°

γ 80°

γ 85°

sit

eco



Photometric test report

Family Licross® 21 Recessed	Order number: 52TL1WMN4FXM EAN: 4069025081247	LP number 59521_11
Multilumen Table	environmental temperature: 25°C	siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	15140	83.1
2	A	C	F	14220	77.5
3	A	D	E	13140	71.1
4	A	D	F	12190	65.4
5	B	C	E	11150	59.4
6	B	C	F	10170	53.9
7	B	D	E	9110	47.9
8	B	D	F	8100	42.4