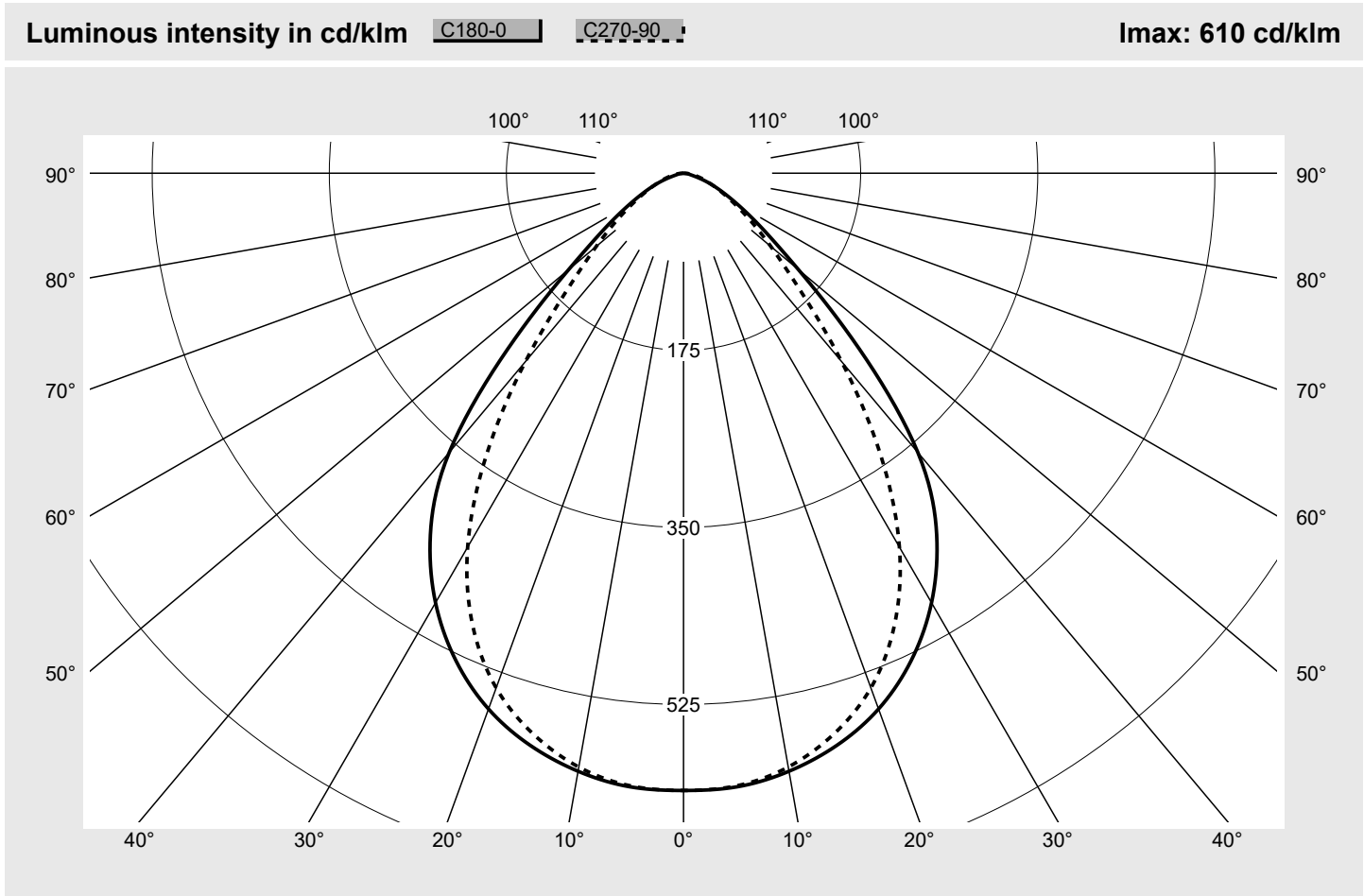


Photometric test report

Family Licross® 21 Recessed	Order number: 52TL1WCN4C5M EAN: 4069025081186	LP number 59521_9
	Version	cover frosted, wide distribution
	Lamps	LED 4000 K CRI ≥ 80
	Controlgear	ECG-Multilumen CLOi
	Rated values	Net luminous flux = 12710 lm Power consumption = 68.4 W Luminous efficacy = 185.8 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: 52TL1WCN4C5M EAN: 4069025081186	LP number 59521_9
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: 52TL1WCN4C5M EAN: 4069025081186	LP number 59521_9
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	23.3	24.7	23.6	25.0	25.3	22.0	23.4	22.3	23.7	24.0
	3H	23.5	24.8	23.9	25.1	25.5	22.4	23.7	22.8	24.0	24.3
	4H	23.5	24.7	23.9	25.1	25.4	22.6	23.7	23.0	24.1	24.5
	6H	23.5	24.6	23.9	25.0	25.4	22.7	23.8	23.1	24.1	24.5
	8H	23.6	24.5	24.0	24.9	25.3	22.8	23.8	23.2	24.1	24.5
	12H	23.6	24.4	24.0	24.8	25.3	22.8	23.7	23.2	24.1	24.5
4H	2H	23.4	24.6	23.8	24.9	25.3	22.3	23.4	22.7	23.8	24.2
	3H	23.7	24.7	24.2	25.1	25.5	22.8	23.8	23.2	24.2	24.6
	4H	23.8	24.7	24.2	25.1	25.5	23.1	23.9	23.5	24.3	24.8
	6H	23.8	24.5	24.3	25.0	25.4	23.3	24.0	23.7	24.5	24.9
	8H	23.8	24.4	24.3	24.9	25.4	23.4	24.0	23.8	24.5	25.0
	12H	23.8	24.4	24.3	24.8	25.3	23.4	24.0	23.9	24.5	25.0
8H	4H	23.8	24.5	24.3	24.9	25.4	23.1	23.8	23.6	24.2	24.7
	6H	23.8	24.4	24.3	24.8	25.3	23.4	23.9	23.9	24.4	24.9
	8H	23.8	24.3	24.3	24.8	25.3	23.5	24.0	24.0	24.4	25.0
	12H	23.8	24.2	24.3	24.7	25.3	23.6	24.0	24.1	24.5	25.0
12H	4H	23.8	24.4	24.3	24.8	25.3	23.1	23.7	23.6	24.1	24.6
	6H	23.8	24.3	24.3	24.7	25.3	23.4	23.8	23.9	24.3	24.8
	8H	23.8	24.2	24.3	24.7	25.2	23.5	23.9	24.0	24.4	24.9

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°	50749.1	50131.9	46707.7	42133.6	37680.7	34469.4	33445.7
50°	33672.0	33890.2	32995.9	30386.7	27816.6	25946.1	25589.3
55°	24085.8	24245.2	24178.2	23578.4	21871.9	20346.0	20171.5
60°	18047.0	18336.0	18449.1	18649.2	17694.4	16107.8	16045.0
65°	13771.3	14190.6	14648.0	14803.9	14670.4	13157.7	13075.1
70°	10061.8	10579.5	11440.2	12030.5	12040.3	11262.5	10987.4
75°	5951.1	6297.6	7352.6	9382.4	9550.6	10205.4	9620.6
80°	4582.6	4632.3	4716.4	5425.6	7475.0	9288.1	8248.2
85°	4594.5	4683.4	4782.2	4869.4	4634.7	7796.1	7796.1

Photometric test report

Family
Licross® 21 Recessed

Order number: 52TL1WCN4C5M
EAN: 4069025081186

LP number
59521_9

Luminance values in cd/m²

γ 65°

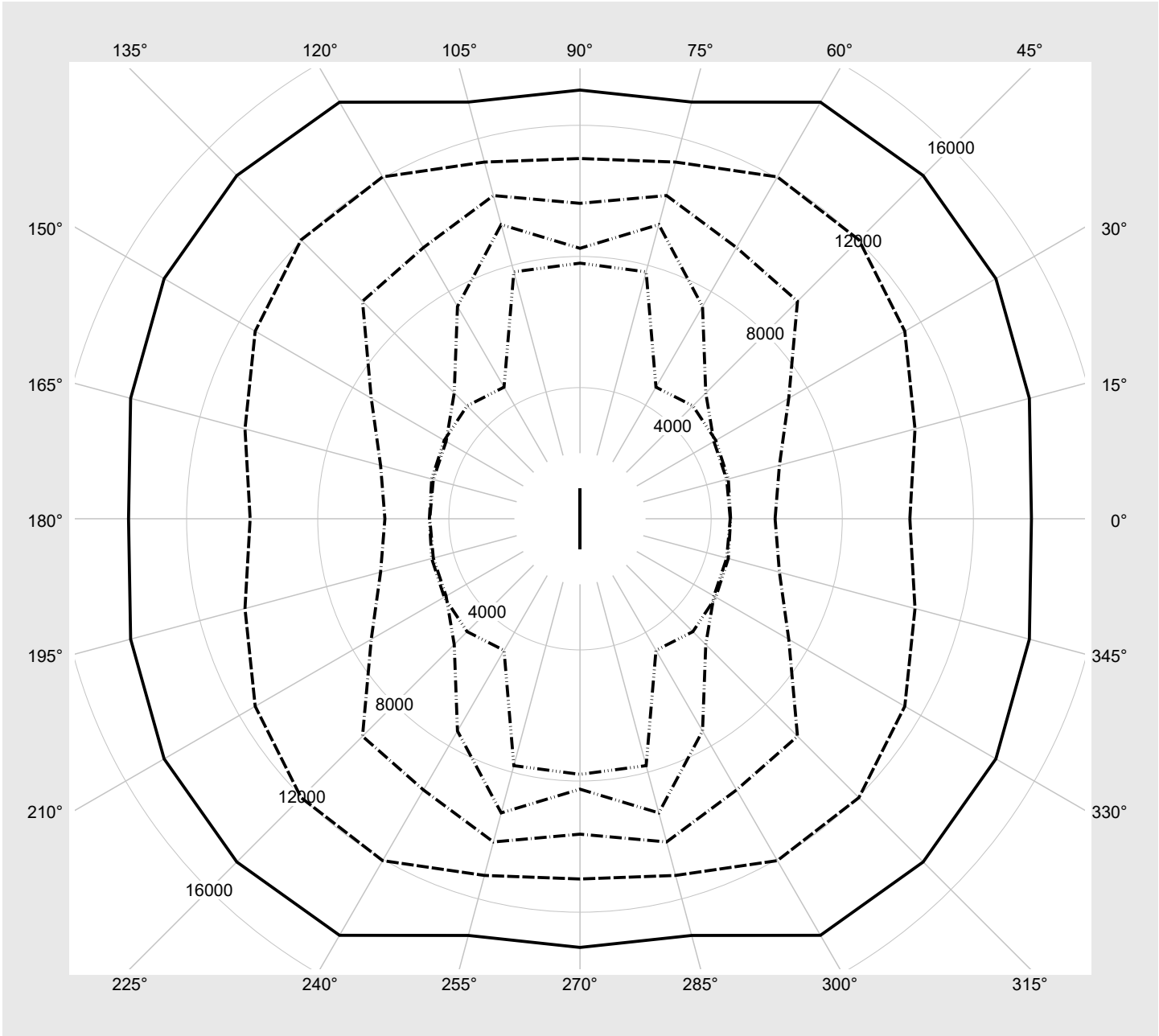
γ 70°

γ 75°

γ 80°

γ 85°

siteco



Photometric test report

Family Licross® 21 Recessed	Order number: 52TL1WCN4C5M EAN: 4069025081186	LP number 59521_9
Multilumen Table	environmental temperature: 25°C	siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]	Power consumption [W]	Power consumption [W]
	1	2	3			end of lifetime	average
1	A	C	E	12710	68.4	83.1	75.8
2	A	C	F	12200	65.4	79.7	72.6
3	A	D	E	11160	59.4	71.9	65.6
4	A	D	F	10180	53.9	64.9	59.4
5	B	C	E	9110	47.9	57.7	52.8
6	B	C	F	8100	42.4	50.9	46.6
7	B	D	E	7080	37.1	44.2	40.7
8	B	D	F	6050	31.6	37.5	34.6