

Photometric test report

Family
Licross® 21 Recessed



Order number: 52TL10MN6AXG
EAN: 4069025084071

Version

Lamps

Controlgear

Rated values

cover frosted

LED 6500 K | CRI ≥ 80

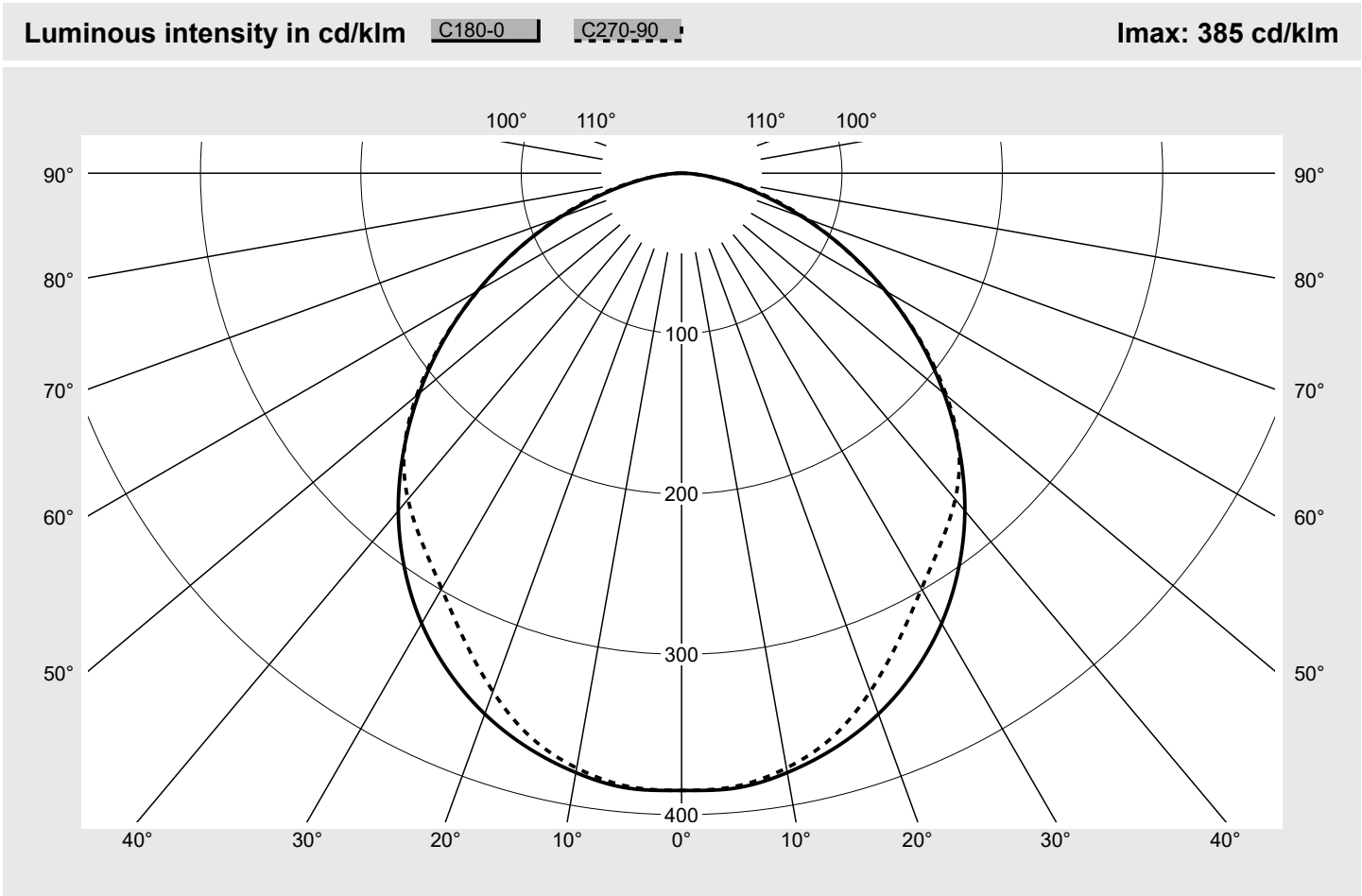
ECG Multilumen

Net luminous flux = 10400 lm
Power consumption = 60.5 W
Luminous efficacy = 171.9 lm/W

LP number
58684_153

serial
documentation
05.04.2024

siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 4 0	η_{LB}	100.0%
CIE	N1=50 N2=81 N3=96	ϕ_u	100.0%
	N4=100 N5=100	ϕ_o	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

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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°	384.9	384.9	384.9	384.9	384.9	384.9	384.9	2.3	2.3
5°	384.9	383.5	380.9	382.4	383.7	383.9	383.8	18.3	20.6
10°	379.5	378.4	375.4	376.4	377.1	376.9	376.6	35.9	56.5
15°	370.8	369.9	366.1	365.8	365.5	363.9	363.9	52.0	108.5
20°	358.8	358.1	353.2	350.6	348.2	345.1	343.9	65.8	174.3
25°	343.3	342.7	336.1	331.0	326.3	322.1	320.9	76.8	251.1
30°	324.2	323.3	314.8	307.4	302.4	299.4	299.2	84.9	336.1
35°	301.1	299.6	289.7	281.8	279.3	280.0	281.8	90.2	426.3
40°	274.8	272.4	262.0	255.7	258.0	262.5	265.4	92.8	519.1
45°	245.2	241.9	231.9	229.2	235.1	240.6	244.6	92.0	611.1
50°	213.6	209.5	202.3	202.7	208.5	212.2	215.6	87.5	698.5
55°	180.7	176.6	172.5	174.4	178.1	179.3	181.7	79.5	778.0
60°	146.9	143.9	142.8	145.1	146.4	145.5	146.6	68.9	846.9
65°	113.3	112.0	113.5	115.8	115.6	113.0	112.9	56.5	903.4
70°	80.7	81.0	84.0	87.4	86.4	83.3	82.2	43.2	946.6
75°	51.4	52.0	55.5	60.1	59.2	56.0	54.4	29.6	976.3
80°	28.6	28.8	31.3	34.2	34.2	31.5	29.9	17.0	993.3
85°	11.6	11.6	12.6	13.6	13.2	11.7	10.4	6.7	1000.0
90°	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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UGR-Table				Standard room	
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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	24.8	26.5	25.2	26.8	27.1	24.9	26.5	25.2	26.8	27.1
	3H	26.1	27.6	26.5	28.0	28.3	26.2	27.7	26.6	28.1	28.4
	4H	26.6	28.0	27.0	28.4	28.7	26.7	28.1	27.1	28.5	28.9
	6H	26.9	28.2	27.3	28.6	29.0	27.1	28.4	27.5	28.7	29.1
	8H	27.1	28.3	27.5	28.6	29.0	27.2	28.4	27.6	28.8	29.2
	12H	27.1	28.3	27.5	28.6	29.1	27.3	28.4	27.7	28.8	29.2
4H	2H	25.5	26.9	25.9	27.3	27.6	25.6	27.0	26.0	27.3	27.7
	3H	27.0	28.2	27.5	28.6	29.0	27.1	28.3	27.5	28.7	29.1
	4H	27.6	28.7	28.0	29.1	29.5	27.8	28.8	28.2	29.2	29.7
	6H	28.0	28.9	28.5	29.4	29.8	28.2	29.1	28.7	29.6	30.0
	8H	28.1	29.0	28.6	29.4	29.9	28.3	29.2	28.8	29.6	30.1
	12H	28.2	29.0	28.7	29.5	29.9	28.4	29.2	28.9	29.6	30.1
8H	4H	27.9	28.8	28.4	29.2	29.7	28.1	28.9	28.5	29.4	29.8
	6H	28.4	29.1	28.9	29.6	30.1	28.6	29.3	29.1	29.8	30.3
	8H	28.6	29.2	29.1	29.7	30.2	28.8	29.4	29.3	29.9	30.4
	12H	28.8	29.3	29.3	29.8	30.3	29.0	29.5	29.5	30.0	30.5
12H	4H	28.0	28.7	28.5	29.2	29.7	28.1	28.9	28.6	29.3	29.8
	6H	28.5	29.1	29.0	29.6	30.1	28.7	29.3	29.2	29.8	30.3
	8H	28.7	29.3	29.2	29.7	30.3	28.9	29.5	29.4	29.9	30.5

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°	90° 270°
			Luminance in cd/m²					
45° 50° 55° 60°	γ	41448.7	40888.4	39201.9	38740.4	39743.6	40679.3	41350.1
		39732.3	38967.2	37619.8	37687.5	38770.8	39461.5	40097.9
		37651.9	36802.0	35959.8	36339.1	37113.2	37363.5	37864.5
		35114.7	34409.4	34148.3	34696.8	34992.8	34775.0	35044.9
65° 70° 75° 80° 85°	γ	32048.7	31688.4	32090.0	32749.1	32687.4	31966.4	31945.8
		28222.1	28311.2	29353.4	30536.9	30189.8	29097.9	28741.4
		23740.9	24003.3	25639.7	27778.6	27339.8	25868.3	25136.7
		19660.2	19848.1	21560.1	23562.7	23550.3	21690.3	20582.6
		15929.4	15895.1	17213.2	18695.9	18063.6	16114.6	14291.8

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Luminance values in cd/m²

γ 65°

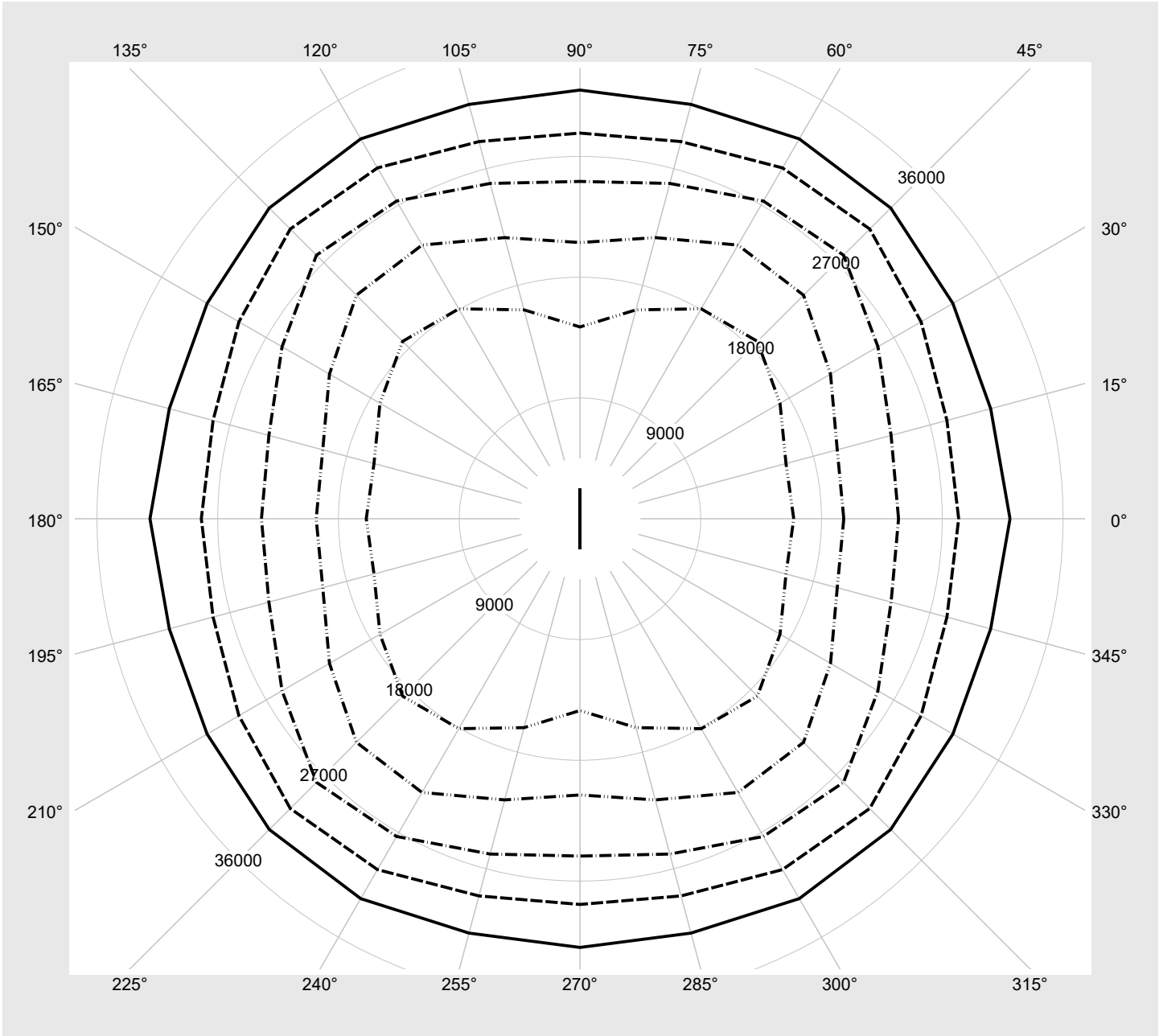
γ 70°

γ 75°

γ 80°

γ 85°

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Family Licross® 21 Recessed	Order number: 52TL10MN6AXG EAN: 4069025084071	LP number 58684_153
Multilumen Table	environmental temperature: 25°C	siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	10400	60.5
2	A	C	F	9790	56.5
3	A	D	E	9320	53.4
4	A	D	F	8830	50.3
5	B	C	E	8340	47.3
6	B	C	F	7850	44.4
7	B	D	E	7350	41.4
8	B	D	F	6840	38.4