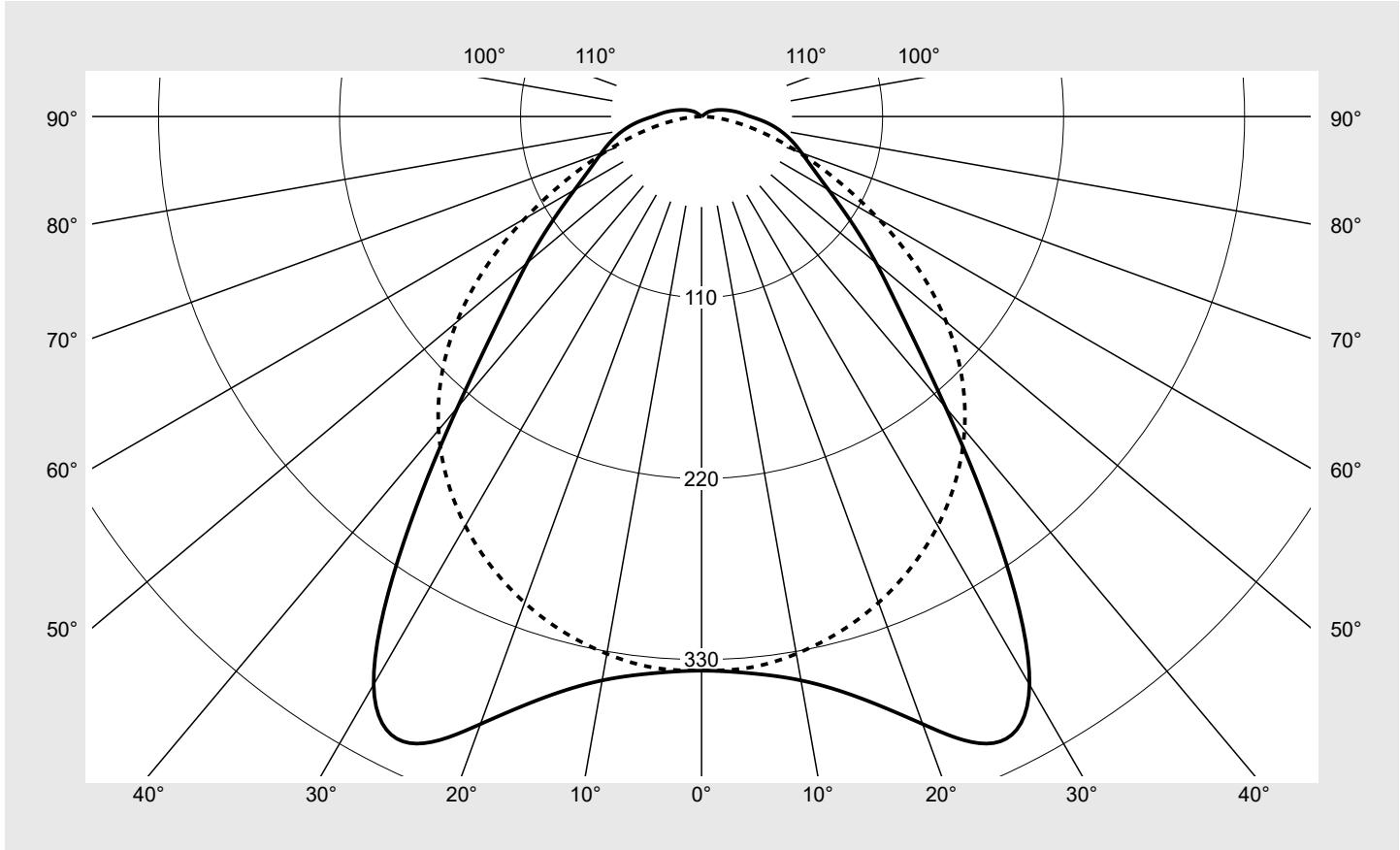


Photometric test report

Family Licross® 21 Protected	Order number: 52TD1BVN45XGD EAN: 4058352940952	LP number 58522_243
	Version prismatic cover, frosted, wide distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI CLO Setting DC mode (central or group accumulator) initial emergency light level Rated values Net luminous flux = 760 lm Power consumption = 5.4 W Luminous efficacy = 140.7 lm/W	serial documentation 25.08.2023

siteco

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 420 cd/klm**



Classifications	
DIN 5040	A 4 1
CIE	N1=54 N2=82 N3=95 N4=97 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	96.8%
ϕ_o	3.2%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 21 Protected	Order number: 52TD1BVN45XGD EAN: 4058352940952	LP number 58522_243
Table of values for luminous intensities		Maximum luminous intensity



C-planes γ	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-zone	Total Phi-zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
Luminous intensity in cd/klm								Luminous flux in lm/klm	
0°	336.7	336.7	336.7	336.7	336.7	336.7	336.7	2.0	2.0
5°	339.6	338.6	335.9	336.3	336.9	336.0	336.1	16.1	18.1
10°	347.9	347.0	341.3	338.0	335.2	332.1	331.5	32.3	50.4
15°	365.1	363.4	352.6	343.0	333.9	326.3	324.2	48.8	99.2
20°	392.9	389.6	370.2	350.5	332.5	318.7	314.4	66.1	165.3
25°	420.1	417.2	393.2	361.7	330.8	309.3	301.9	83.9	249.2
30°	398.6	403.0	395.6	369.9	329.0	297.6	287.2	97.7	346.8
35°	315.4	327.2	346.9	353.5	322.7	283.2	269.5	100.9	447.7
40°	230.7	242.3	270.7	302.4	300.6	265.5	248.6	95.2	542.9
45°	173.9	182.1	205.6	239.8	258.3	240.0	223.6	85.6	628.5
50°	138.5	144.5	161.6	188.3	208.7	204.6	194.1	75.2	703.7
55°	110.6	115.5	130.2	150.3	164.6	163.9	160.4	64.4	768.0
60°	89.1	92.4	103.6	120.9	128.5	124.9	123.9	53.5	821.6
65°	74.6	76.3	82.5	95.4	99.4	91.8	89.8	43.7	865.3
70°	64.8	65.1	66.4	73.4	75.2	65.0	61.7	35.1	900.3
75°	56.7	56.1	54.1	55.3	54.0	43.4	39.3	27.4	927.8
80°	48.3	47.2	43.9	40.6	36.4	26.8	21.9	20.7	948.5
85°	39.1	38.0	34.5	29.4	22.9	14.4	9.1	14.9	963.3
90°	29.8	28.8	25.7	20.2	13.1	5.8	0.8	9.9	973.3
95°	24.0	23.5	21.4	16.6	9.9	3.5	0.7	7.9	981.2
100°	19.2	18.8	17.3	13.3	7.4	1.9	0.6	6.2	987.4
105°	15.1	14.8	13.6	10.2	5.0	0.8	0.6	4.6	992.0
110°	11.8	11.3	10.2	7.3	2.9	0.6	0.6	3.3	995.3
115°	9.0	8.5	7.3	4.7	1.4	0.7	0.7	2.3	997.6
120°	6.6	6.1	4.9	2.7	0.8	0.7	0.7	1.5	999.1
125°	4.4	4.0	2.9	1.3	0.7	0.8	0.8	0.9	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 Protected	Order number: 52TD1BVN45XGD EAN: 4058352940952	LP number 58522_243
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UGR-Table	Standard room	siteco
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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	12.2	13.9	12.6	14.2	14.5	14.1	15.7	14.5	16.0	16.4
	3H	13.4	14.9	13.8	15.2	15.5	15.1	16.6	15.5	16.9	17.3
	4H	14.1	15.5	14.5	15.8	16.2	15.5	16.8	15.9	17.2	17.6
	6H	14.8	16.1	15.2	16.5	16.9	15.7	17.0	16.1	17.4	17.7
	8H	15.3	16.4	15.7	16.8	17.2	15.8	17.0	16.2	17.4	17.8
	12H	15.6	16.8	16.1	17.2	17.6	15.9	17.0	16.3	17.4	17.8
4H	2H	13.1	14.4	13.5	14.8	15.2	14.5	15.9	14.9	16.3	16.6
	3H	14.4	15.6	14.8	16.0	16.4	15.8	17.0	16.2	17.4	17.8
	4H	15.2	16.3	15.7	16.7	17.1	16.3	17.4	16.7	17.8	18.2
	6H	16.1	17.1	16.6	17.5	17.9	16.7	17.6	17.1	18.0	18.5
	8H	16.6	17.5	17.1	17.9	18.4	16.8	17.6	17.3	18.1	18.6
	12H	17.1	17.8	17.6	18.3	18.8	16.9	17.7	17.4	18.1	18.6
8H	4H	15.6	16.5	16.1	16.9	17.4	16.6	17.4	17.1	17.9	18.4
	6H	16.7	17.4	17.2	17.9	18.4	17.1	17.8	17.6	18.3	18.8
	8H	17.3	17.9	17.8	18.4	18.9	17.3	18.0	17.8	18.4	19.0
	12H	18.0	18.5	18.5	19.0	19.5	17.5	18.0	18.0	18.5	19.1
12H	4H	15.7	16.5	16.2	16.9	17.4	16.7	17.4	17.1	17.9	18.4
	6H	16.8	17.5	17.3	17.9	18.5	17.2	17.9	17.7	18.3	18.9
	8H	17.5	18.0	18.0	18.5	19.1	17.5	18.0	18.0	18.5	19.1

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1480	H(C0) = 13	H(C180) = 13
			B = 78	H(C90) = 0	H(C270) = 0

C-planes	γ	Luminance in cd/m ²								
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°		
45°		1387.6	1460.4	1672.7	1997.2	2219.5	2141.9	2082.0		
50°		1183.3	1241.5	1412.4	1691.2	1944.3	1993.5	1988.2		
55°		1025.0	1077.8	1239.4	1476.7	1688.6	1772.1	1840.7		
60°		910.7	951.4	1091.3	1321.7	1478.6	1530.0	1631.9		
65°		856.5	883.9	981.2	1186.8	1314.1	1309.4	1399.3		
70°		855.0	869.4	915.7	1067.6	1177.7	1119.0	1187.6		
75°		888.5	892.2	894.3	976.1	1048.6	950.4	999.2		
80°		941.0	936.1	915.6	922.0	936.7	816.8	828.9		
85°		1015.9	1010.4	982.8	946.6	887.0	726.5	689.1		

Photometric test report

Family
Licross® 21 Protected

Order number: 52TD1BVN45XGD
EAN: 4058352940952

LP number
58522_243

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

