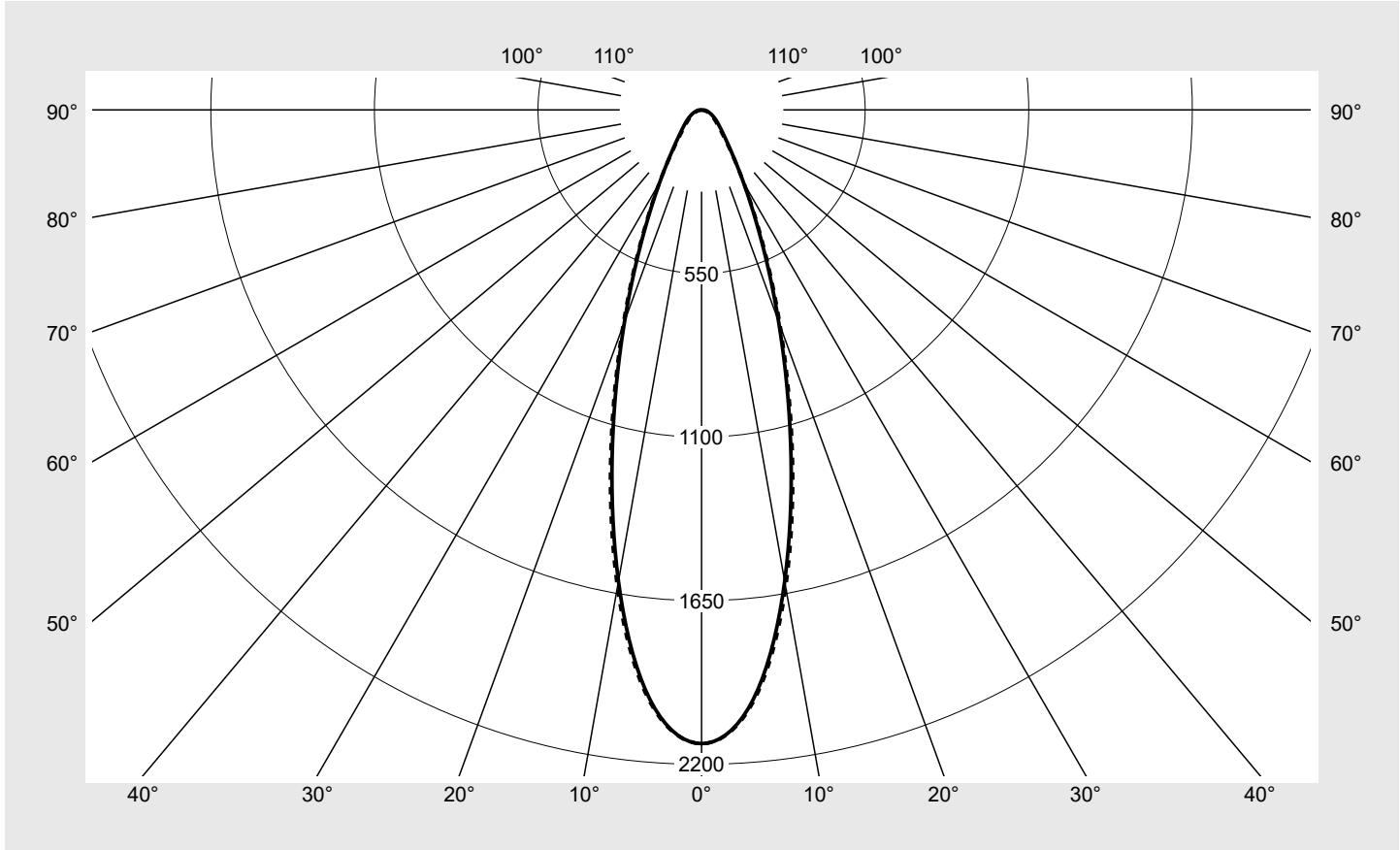


Photometric test report

Family Licross® Protected	Order number: 51TS11VN4DXRD EAN: 4058352534786	LP number 58525_48
	Version prismatic cover, frosted, narrow 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 = 2060 lm Power consumption = 13.5 W Luminous efficacy = 152.6 lm/W	serial documentation 02.08.2021

siteco

Luminous intensity in cd/klm C180-0 C270-90 Imax: 2130 cd/klm



Classifications	
DIN 5040	A 7 1
CIE	N1=84 N2=94 N3=98 N4=99 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	99.1%
ϕ_o	0.9%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® Protected	Order number: 51TS11VN4DXRD EAN: 4058352534786	LP number 58525_48
Table of values for luminous intensities		Maximum luminous intensity
		sITeco

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°	2130.5	2130.5	2130.5	2130.5	2130.5	2130.5	2130.5	12.7	12.7
5°	1990.0	1982.4	1972.8	1980.9	1991.5	1994.0	1997.3	94.9	107.6
10°	1609.4	1602.7	1594.9	1604.0	1616.7	1623.6	1628.9	153.3	260.9
15°	1156.5	1152.7	1146.1	1151.7	1161.7	1170.4	1176.7	164.3	425.2
20°	757.1	754.5	751.0	754.8	760.5	766.7	772.3	142.2	567.4
25°	464.1	463.3	461.4	464.7	468.5	471.4	475.4	108.1	675.5
30°	281.8	280.0	276.3	277.8	280.6	282.2	284.6	76.7	752.2
35°	178.8	175.8	169.5	168.1	169.9	172.0	174.0	54.1	806.3
40°	123.8	119.7	111.6	107.8	108.9	112.2	115.0	39.9	846.2
45°	92.5	87.9	79.0	74.1	74.5	78.8	82.8	31.1	877.3
50°	72.9	68.3	60.1	54.9	54.7	59.1	63.7	25.6	902.9
55°	58.5	54.5	47.8	42.9	42.0	45.8	50.2	21.5	924.4
60°	46.6	43.5	38.6	34.6	32.9	35.6	39.1	18.0	942.5
65°	36.7	34.5	31.1	28.0	26.1	27.3	29.5	14.9	957.4
70°	28.5	27.0	24.6	22.5	20.4	20.1	21.2	12.0	969.4
75°	21.8	20.7	19.0	17.5	15.4	14.0	14.0	9.2	978.6
80°	16.2	15.4	14.3	12.9	10.9	8.9	8.1	6.7	985.3
85°	11.7	11.2	10.3	9.1	7.1	4.7	3.5	4.6	989.8
90°	8.1	7.7	6.9	5.8	3.9	1.7	0.3	2.8	992.6
95°	6.9	6.6	5.8	4.7	3.0	1.1	0.2	2.3	994.8
100°	6.0	5.6	4.9	3.8	2.2	0.6	0.2	1.8	996.7
105°	5.1	4.8	4.0	2.9	1.5	0.3	0.2	1.4	998.1
110°	4.3	4.0	3.2	2.2	0.9	0.2	0.2	1.1	999.2
115°	3.6	3.2	2.5	1.6	0.5	0.3	0.3	0.8	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® Protected	Order number: 51TS11VN4DXRD EAN: 4058352534786	LP number 58525_48
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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	10.6	11.8	10.9	12.1	12.4	10.2	11.4	10.6	11.7	12.0
	3H	11.6	12.7	12.0	13.1	13.4	11.1	12.2	11.5	12.5	12.9
	4H	12.2	13.1	12.6	13.5	13.9	11.5	12.5	11.9	12.8	13.2
	6H	12.6	13.5	13.0	13.9	14.3	11.8	12.7	12.2	13.0	13.4
	8H	12.9	13.7	13.4	14.1	14.5	12.0	12.7	12.4	13.1	13.5
	12H	13.1	13.8	13.6	14.2	14.6	12.0	12.7	12.4	13.1	13.5
4H	2H	10.8	11.8	11.2	12.2	12.5	10.5	11.5	10.9	11.8	12.2
	3H	12.1	12.9	12.5	13.3	13.7	11.6	12.4	12.0	12.8	13.2
	4H	12.7	13.5	13.2	13.9	14.3	12.1	12.8	12.5	13.2	13.7
	6H	13.4	14.0	13.8	14.4	14.9	12.5	13.1	12.9	13.5	14.0
	8H	13.7	14.2	14.1	14.7	15.1	12.6	13.2	13.1	13.6	14.1
	12H	14.0	14.4	14.5	14.9	15.4	12.7	13.2	13.2	13.7	14.2
8H	4H	12.9	13.5	13.4	13.9	14.4	12.3	12.9	12.8	13.3	13.8
	6H	13.7	14.1	14.2	14.6	15.1	12.8	13.3	13.3	13.8	14.3
	8H	14.1	14.5	14.6	15.0	15.5	13.0	13.4	13.5	13.9	14.5
	12H	14.5	14.8	15.0	15.3	15.8	13.2	13.5	13.7	14.0	14.6
12H	4H	12.9	13.4	13.4	13.9	14.4	12.4	12.8	12.9	13.3	13.8
	6H	13.7	14.1	14.3	14.6	15.1	12.9	13.3	13.5	13.8	14.3
	8H	14.2	14.5	14.7	15.0	15.5	13.2	13.5	13.7	14.0	14.6

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°		2001.5	1909.7	1742.6	1673.2	1736.1	1906.9	2088.3	
50°		1688.6	1591.2	1424.5	1337.3	1380.2	1561.3	1767.2	
55°		1471.0	1379.5	1232.8	1142.9	1166.9	1343.2	1562.1	
60°		1291.9	1215.1	1102.1	1024.2	1027.5	1183.0	1395.5	
65°		1141.9	1083.0	1004.0	945.1	935.8	1053.5	1244.2	
70°		1019.2	975.7	919.3	885.5	868.1	939.5	1104.8	
75°		924.7	890.4	850.8	836.3	810.3	829.3	966.2	
80°		857.2	829.4	807.3	795.3	758.3	731.1	827.7	
85°		826.8	805.0	795.5	796.6	740.8	650.6	715.0	

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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**

