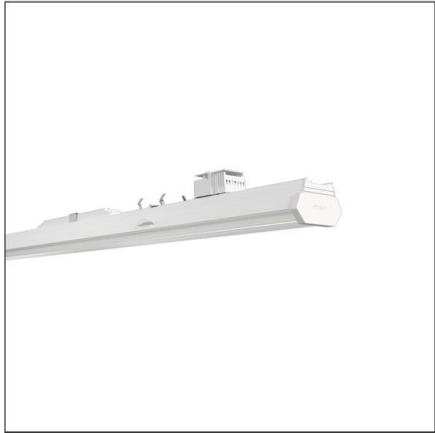
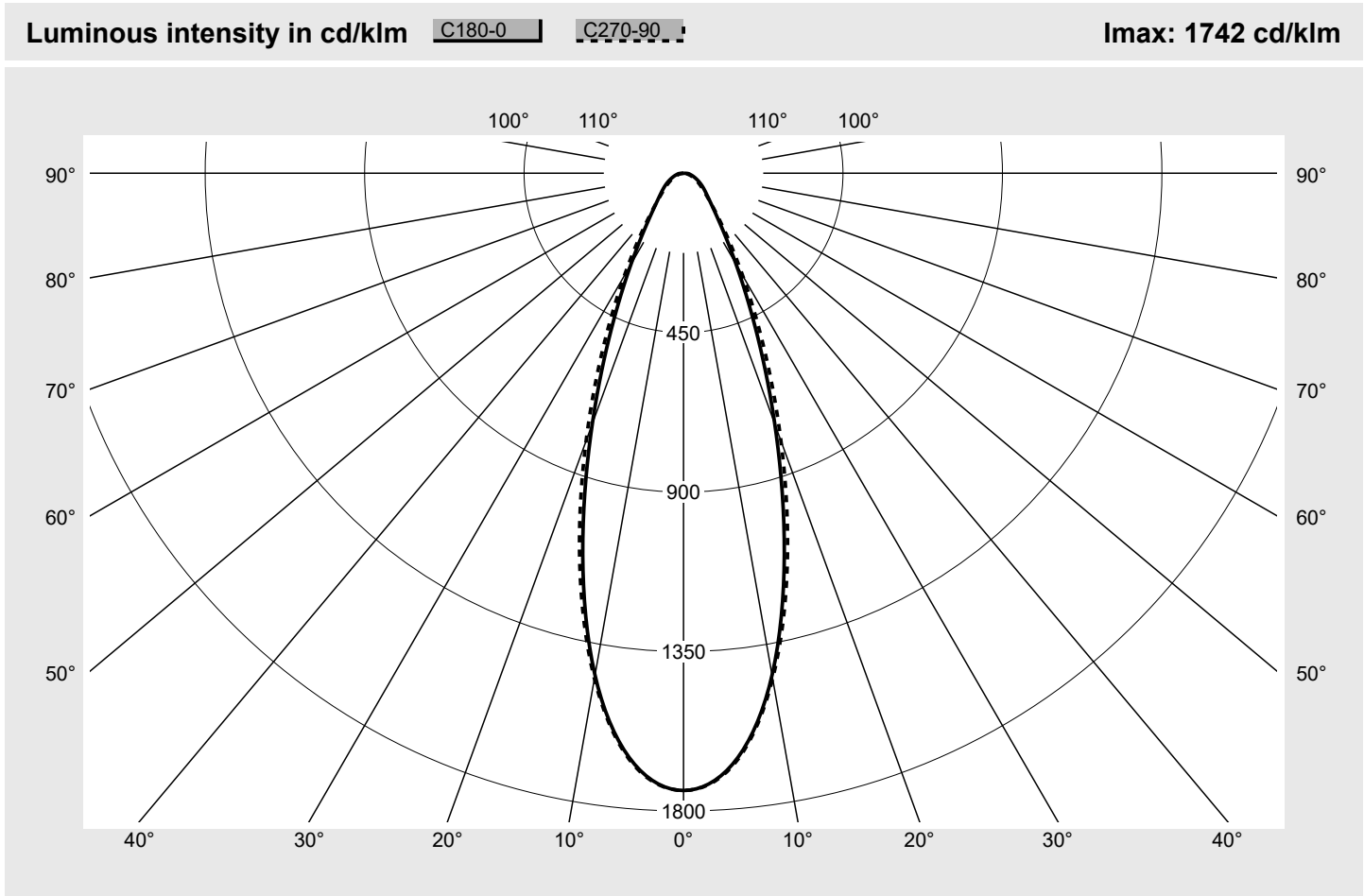


Photometric test report

Family Licross® 21 Protected	Order number: 52TD11VN48XGD EAN: 4058352979440	LP number 58526_238
	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 = 980 lm Power consumption = 7.0 W Luminous efficacy = 140 lm/W	serial documentation 07.11.2023
	siteco	



Classifications		Luminaire light output ratios	
DIN 5040	A 7 0	η_{LB}	100.0%
CIE	N1=83 N2=94 N3=98	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
		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°	1742.2	1742.2	1742.2	1742.2	1742.2	1742.2	1742.2	10.4	10.4
5°	1666.1	1675.3	1660.6	1665.8	1671.6	1669.6	1670.7	79.7	90.1
10°	1438.7	1454.0	1443.6	1449.9	1452.8	1449.1	1448.5	137.9	228.0
15°	1099.0	1113.1	1114.3	1128.7	1137.3	1134.2	1132.4	159.4	387.5
20°	752.6	761.9	768.4	788.3	803.8	805.8	803.7	147.1	534.5
25°	477.8	482.8	489.1	506.4	523.2	529.8	529.1	117.2	651.7
30°	296.4	297.2	300.0	310.9	324.6	332.2	333.5	85.9	737.6
35°	189.3	187.5	185.3	189.4	198.7	205.9	208.7	61.1	798.7
40°	131.6	127.9	121.5	120.2	125.3	132.4	136.6	44.7	843.4
45°	99.4	94.4	85.5	81.0	83.2	90.3	95.8	34.4	877.7
50°	79.8	74.4	64.7	58.7	59.3	65.8	72.1	27.9	905.7
55°	65.2	60.1	51.3	45.2	44.8	50.3	56.0	23.4	929.0
60°	52.4	48.1	41.3	36.1	35.0	38.9	43.4	19.6	948.6
65°	41.2	37.9	33.1	29.2	27.7	29.8	32.8	16.1	964.7
70°	31.9	29.5	26.2	23.4	21.7	22.1	23.6	12.9	977.6
75°	24.4	22.6	20.2	18.2	16.5	15.4	15.7	10.0	987.6
80°	18.3	17.0	15.2	13.6	11.8	9.9	9.2	7.3	994.9
85°	13.3	12.5	11.1	9.7	7.7	5.4	4.2	5.0	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	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	8.5	9.8	8.9	10.1	10.4	8.4	9.6	8.7	9.9	10.2
	3H	9.6	10.7	10.0	11.1	11.4	9.2	10.3	9.6	10.7	11.0
	4H	10.1	11.2	10.5	11.5	11.9	9.6	10.6	10.0	11.0	11.4
	6H	10.7	11.5	11.1	11.9	12.3	9.9	10.8	10.4	11.2	11.6
	8H	11.0	11.7	11.4	12.1	12.5	10.1	10.9	10.6	11.3	11.7
	12H	11.2	11.9	11.6	12.3	12.7	10.2	10.9	10.6	11.3	11.7
4H	2H	8.7	9.8	9.1	10.1	10.5	8.6	9.6	9.0	10.0	10.4
	3H	10.0	10.9	10.5	11.3	11.7	9.7	10.5	10.1	10.9	11.3
	4H	10.7	11.5	11.1	11.9	12.3	10.1	10.9	10.6	11.3	11.8
	6H	11.3	12.0	11.8	12.4	12.9	10.6	11.2	11.0	11.6	12.1
	8H	11.7	12.2	12.2	12.7	13.2	10.7	11.3	11.2	11.7	12.2
	12H	12.0	12.5	12.5	13.0	13.5	10.9	11.3	11.3	11.8	12.3
8H	4H	10.9	11.4	11.3	11.9	12.4	10.4	10.9	10.8	11.4	11.9
	6H	11.6	12.1	12.1	12.6	13.1	10.9	11.4	11.4	11.8	12.3
	8H	12.1	12.5	12.6	13.0	13.5	11.1	11.5	11.6	12.0	12.5
	12H	12.5	12.9	13.1	13.4	13.9	11.3	11.6	11.8	12.1	12.7
12H	4H	10.9	11.4	11.4	11.8	12.3	10.4	10.9	10.9	11.4	11.9
	6H	11.7	12.1	12.2	12.6	13.1	11.0	11.4	11.5	11.9	12.4
	8H	12.2	12.5	12.7	13.0	13.6	11.3	11.6	11.8	12.1	12.6

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:	L = 1480 B = 78	H(C0) = 13 H(C90) = 0	H(C180) = 13 H(C270) = 0
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°	1023.1	976.3	896.7	870.2	922.5	1039.2	1149.7
50°	879.3	824.0	729.3	680.0	712.3	827.1	952.0
55°	779.1	722.8	629.8	572.6	592.9	701.1	829.4
60°	690.2	639.2	561.2	508.5	518.7	614.7	736.6
65°	610.1	566.5	508.3	468.0	471.7	548.7	659.4
70°	543.6	507.0	465.6	438.3	439.2	489.5	585.0
75°	493.5	463.1	431.6	414.6	413.2	435.8	516.5
80°	459.0	434.2	408.2	398.9	390.8	388.5	449.2
85°	444.9	429.1	408.3	402.6	386.4	354.4	405.4

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Family
Licross® 21 Protected

Order number: 52TD11VN48XGD
EAN: 4058352979440

LP number
58526_238

Luminance values in cd/m²

γ 65°

γ 70°

γ 75°

γ 80°

γ 85°

siteco

