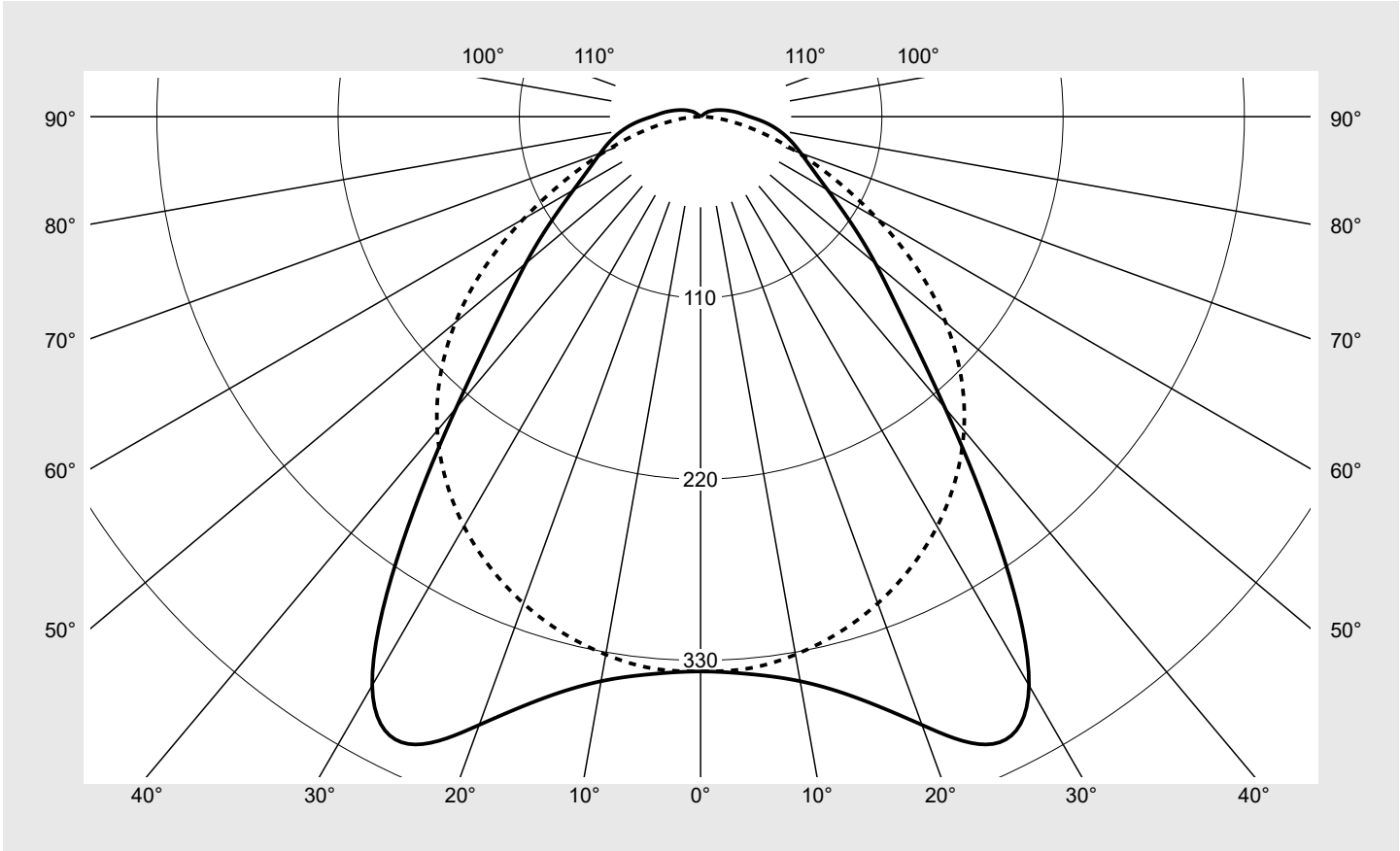


Photometric test report

Family Licross® 11 Protected	Order number: 51TD1BCN485G EAN: 4058352918296	LP number 58522_256
Version	prismatic cover, frosted, wide distribution	serial documentation 12.10.2023
Lamps	LED 4000 K CRI ≥ 80	
Controlgear	ECG-Multilumen CLOi	
Rated values	Net luminous flux = 8520 lm Power consumption = 49.4 W Luminous efficacy = 172.5 lm/W	



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® 11 Protected	Order number: 51TD1BCN485G EAN: 4058352918296	LP number 58522_256
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°	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® 11 Protected	Order number: 51TD1BCN485G EAN: 4058352918296	LP number 58522_256
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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	20.6	22.3	21.0	22.6	22.9	22.5	24.1	22.8	24.4	24.8
	3H	21.8	23.3	22.2	23.6	23.9	23.5	25.0	23.9	25.3	25.7
	4H	22.5	23.9	22.9	24.2	24.6	23.9	25.2	24.3	25.6	26.0
	6H	23.2	24.5	23.6	24.9	25.3	24.1	25.4	24.5	25.8	26.1
	8H	23.6	24.8	24.1	25.2	25.6	24.2	25.4	24.6	25.8	26.2
	12H	24.0	25.2	24.5	25.6	26.0	24.3	25.4	24.7	25.8	26.2
4H	2H	21.5	22.8	21.9	23.2	23.6	22.9	24.3	23.3	24.7	25.0
	3H	22.8	24.0	23.2	24.4	24.8	24.2	25.4	24.6	25.8	26.2
	4H	23.6	24.7	24.1	25.1	25.5	24.7	25.8	25.1	26.2	26.6
	6H	24.5	25.5	25.0	25.9	26.3	25.1	26.0	25.5	26.4	26.9
	8H	25.0	25.8	25.5	26.3	26.8	25.2	26.0	25.7	26.5	27.0
	12H	25.5	26.2	26.0	26.7	27.2	25.3	26.0	25.8	26.5	27.0
8H	4H	24.0	24.9	24.5	25.3	25.8	25.0	25.8	25.4	26.3	26.8
	6H	25.1	25.8	25.6	26.3	26.8	25.5	26.2	26.0	26.7	27.2
	8H	25.7	26.3	26.2	26.8	27.3	25.7	26.4	26.2	26.8	27.4
	12H	26.3	26.9	26.9	27.4	27.9	25.9	26.4	26.4	26.9	27.5
12H	4H	24.1	24.9	24.6	25.3	25.8	25.0	25.8	25.5	26.3	26.8
	6H	25.2	25.9	25.7	26.3	26.9	25.6	26.3	26.1	26.7	27.3
	8H	25.9	26.4	26.4	26.9	27.5	25.9	26.4	26.4	26.9	27.5

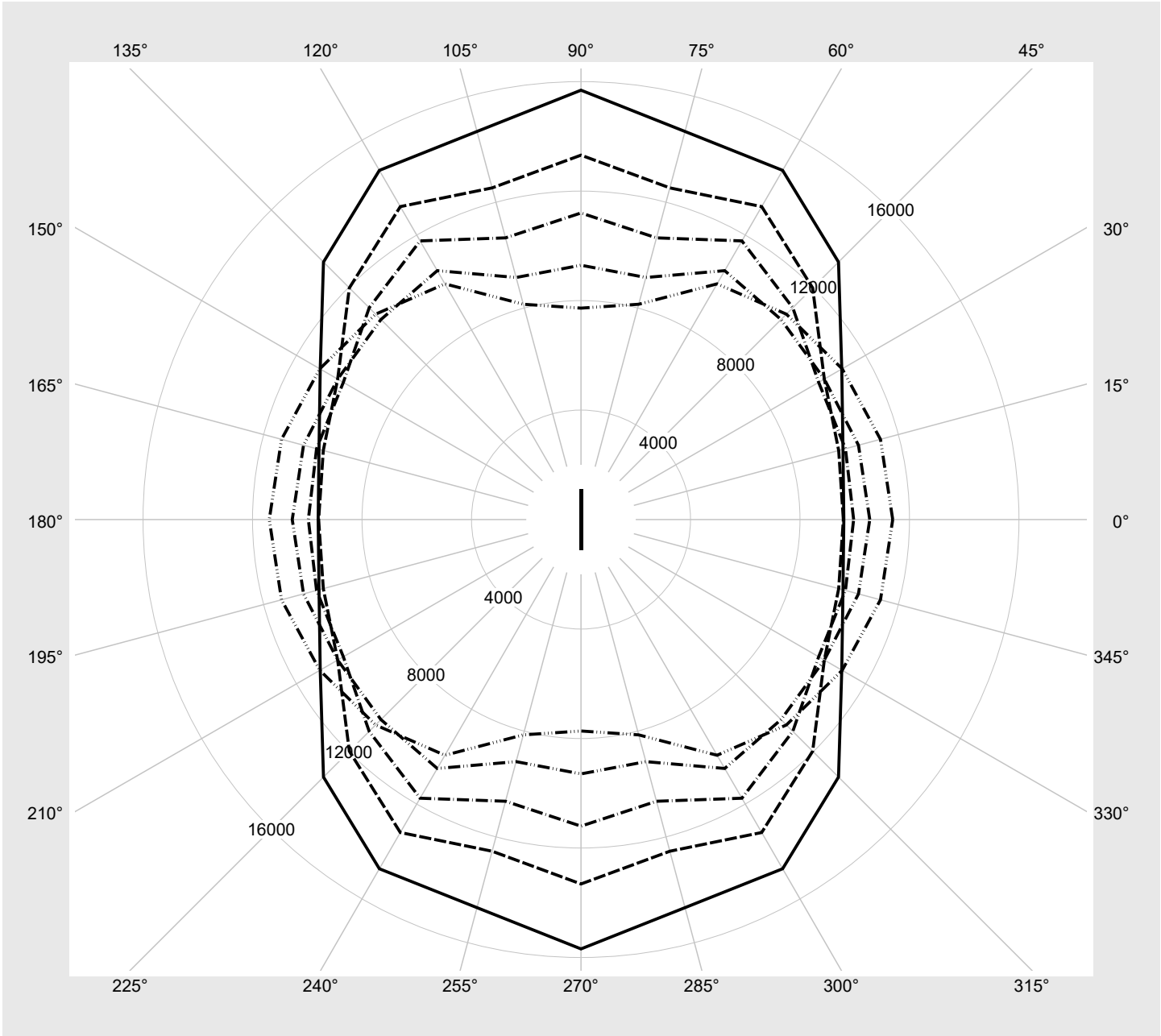
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1480	H(C0) = 13	H(C180) = 13
			B = 78	H(C90) = 0	H(C270) = 0

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°		15555.3	16372.3	18751.6	22390.0	24881.8	24012.0	23340.2	
50°		13265.1	13917.5	15833.2	18959.4	21796.8	22348.2	22289.1	
55°		11491.3	12082.4	13894.0	16554.2	18930.3	19865.6	20635.5	
60°		10209.4	10666.2	12233.7	14817.1	16575.7	17152.5	18295.0	
65°		9601.8	9908.9	11000.3	13304.5	14731.9	14679.1	15686.5	
70°		9584.7	9746.6	10265.2	11968.4	13202.3	12544.8	13313.6	
75°		9960.5	10001.9	10025.9	10943.1	11755.9	10654.9	11201.3	
80°		10549.3	10494.5	10264.9	10336.1	10500.9	9156.5	9292.3	
85°		11388.4	11326.6	11017.8	10612.2	9943.6	8144.0	7724.6	

Photometric test report

Family Licross® 11 Protected	Order number: 51TD1BCN485G EAN: 4058352918296	LP number 58522_256
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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



Photometric test report

Family Licross® 11 Protected	Order number: 51TD1BCN485G EAN: 4058352918296	LP number 58522_256
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Multilumen Table	environmental temperature: 25°C	sITeco
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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	8520	49.4	55.3	52.4
2	A	C	F	8030	46.3	51.7	49.0
3	A	D	E	7530	43.1	48.1	45.6
4	A	D	F	7114	40.5	44.5	42.5
5	B	C	E	6603	37.4	41.8	39.6
6	B	C	F	6166	34.7	38.3	36.5
7	B	D	E	5655	31.8	35.2	33.5
8	B	D	F	5208	29.2	32.2	30.7