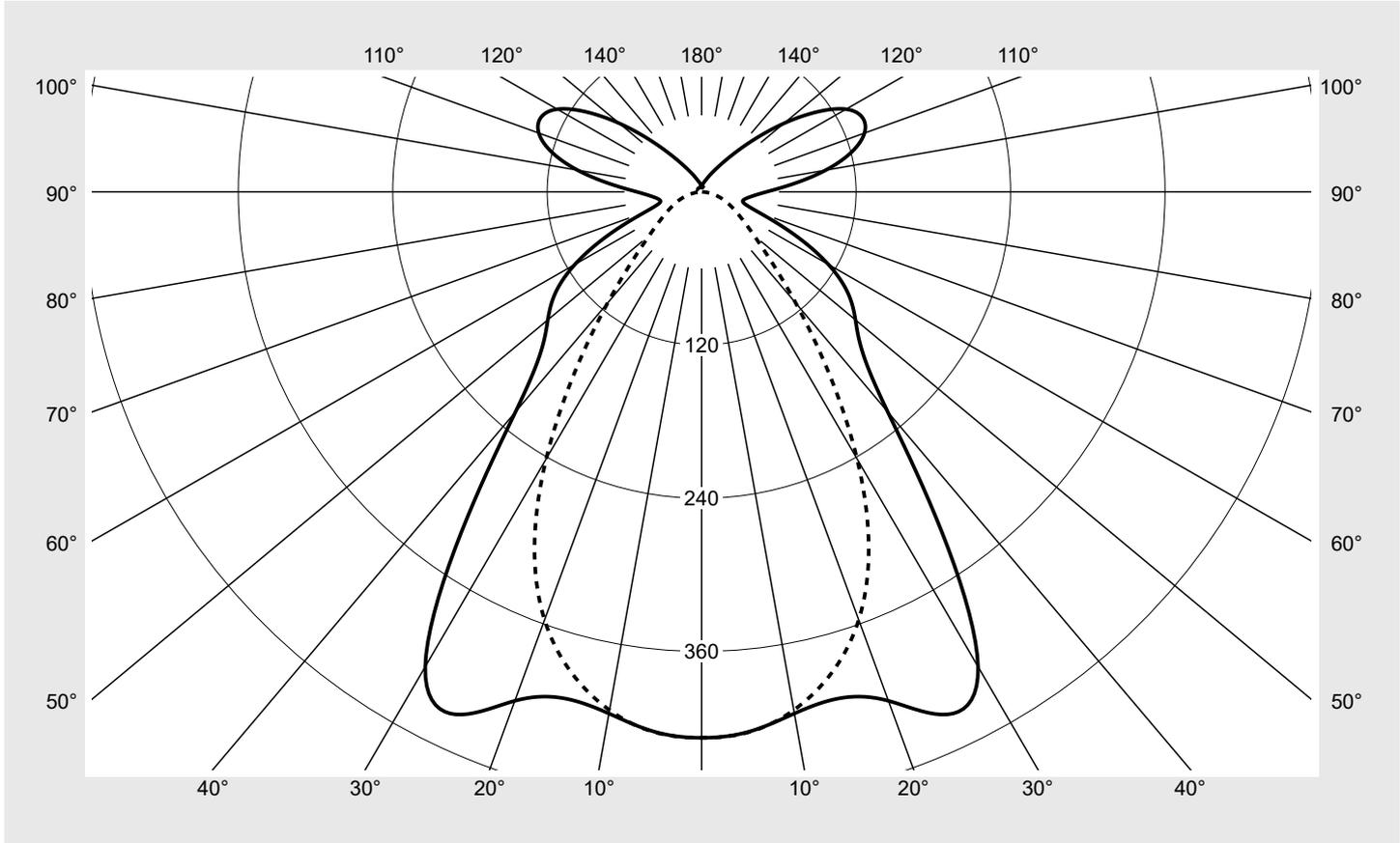


Photometric test report

Family Licross® 11 Performance	Order number: 51TM16DN695G EAN: 4069025718013	LP number 58520_417
Version	cover frosted, direct-/ indirect distribution	serial documentation 11.03.2026
Lamps	LED 6500 K CRI ≥ 80	
Controlgear	ECG-DALI	
Rated values	Net luminous flux = 9780 lm Power consumption = 56.5 W Luminous efficacy = 173.1 lm/W	



Luminous intensity in cd/klm C180-0 C270-90 **Imax: 452 cd/klm**



Classifications	
DIN 5040	B 5 1
CIE	N1=65 N2=88 N3=96 N4=79 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	79.3%
ϕ_o	20.7%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 11 Performance	Order number: 51TM16DN695G EAN: 4069025718013	LP number 58520_417
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°	427.7	427.7	427.7	427.7	427.7	427.7	427.7	2.6	2.6
5°	424.4	422.4	420.2	422.1	424.3	424.4	424.8	20.2	22.8
10°	414.9	412.5	408.9	409.5	411.2	411.6	412.2	39.1	61.9
15°	410.8	406.7	398.1	393.2	390.9	389.7	390.1	56.3	118.2
20°	424.3	415.5	394.5	375.8	364.0	357.7	356.8	71.8	190.0
25°	451.7	439.9	403.9	360.3	329.2	311.6	307.2	85.9	275.8
30°	429.5	430.9	412.5	347.4	284.5	251.0	241.5	94.2	370.0
35°	325.6	344.5	379.3	329.0	231.5	183.8	171.0	89.9	460.0
40°	224.9	238.5	293.1	289.7	177.2	125.7	113.8	76.0	535.9
45°	176.4	174.8	199.5	224.7	128.0	84.3	75.7	60.6	596.5
50°	156.0	144.3	136.6	154.2	90.2	58.9	53.2	48.2	644.7
55°	139.0	122.9	98.4	99.7	63.9	43.4	39.8	38.7	683.4
60°	113.7	99.1	72.2	64.7	46.3	33.0	30.8	30.7	714.1
65°	79.7	70.2	51.6	43.8	34.5	25.6	24.0	23.0	737.1
70°	47.7	43.4	35.6	31.1	26.2	19.7	18.2	16.2	753.3
75°	33.9	31.2	26.1	23.2	19.9	14.4	12.7	12.2	765.5
80°	33.7	30.7	23.7	18.2	15.1	9.9	7.5	10.6	776.1
85°	39.3	35.6	26.3	17.2	11.4	6.2	3.2	10.7	786.9
90°	50.4	45.6	32.3	18.9	10.0	3.9	0.6	12.4	799.3
95°	71.3	63.5	42.3	22.5	11.4	4.6	1.0	16.4	815.7
100°	97.9	84.6	52.5	26.5	12.9	5.3	1.6	20.8	836.6
105°	120.7	101.7	62.6	30.2	14.2	6.1	2.4	24.4	860.9
110°	134.6	112.6	69.4	33.2	15.3	6.7	2.9	26.3	887.2
115°	137.8	115.5	72.0	34.6	16.0	7.2	3.2	26.1	913.3
120°	129.6	108.9	68.7	33.6	15.7	7.4	3.5	23.8	937.1
125°	109.1	92.2	59.5	30.3	14.7	7.4	3.7	19.5	956.6
130°	83.4	71.0	47.4	25.5	13.2	7.2	3.7	14.5	971.2
135°	58.6	50.3	35.1	20.5	11.4	6.8	3.7	10.0	981.2
140°	39.2	34.3	25.3	16.3	9.8	6.3	3.7	6.7	987.9
145°	26.6	23.8	18.6	13.0	8.2	5.4	3.7	4.4	992.3
150°	18.7	17.2	14.2	10.0	6.9	5.0	3.7	2.9	995.2
155°	13.8	12.8	10.8	7.8	6.8	4.4	3.6	2.0	997.2
160°	10.2	9.8	7.9	6.8	5.6	4.6	3.5	1.3	998.5
165°	8.2	7.8	6.5	5.6	5.0	4.1	3.7	0.8	999.3
170°	6.4	5.6	4.7	4.7	5.0	4.1	3.9	0.5	999.8
175°	4.2	3.7	4.1	4.1	4.1	4.2	4.2	0.2	1000.0
180°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	1000.0

Photometric test report

Family Licross® 11 Performance	Order number: 51TM16DN695G EAN: 4069025718013	LP number 58520_417
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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	19.0	20.3	19.6	20.8	21.5	15.2	16.5	15.8	17.0	17.7
	3H	19.6	20.7	20.2	21.3	22.0	15.6	16.7	16.2	17.3	18.0
	4H	19.8	20.8	20.4	21.4	22.1	15.8	16.9	16.4	17.5	18.2
	6H	20.0	20.9	20.7	21.6	22.3	15.9	16.9	16.6	17.5	18.3
	8H	20.3	21.1	21.0	21.7	22.5	15.9	16.8	16.6	17.5	18.2
	12H	20.6	21.3	21.3	22.0	22.8	15.9	16.8	16.6	17.5	18.2
4H	2H	19.0	20.0	19.6	20.7	21.3	15.7	16.7	16.3	17.3	18.0
	3H	19.7	20.5	20.3	21.2	22.0	16.2	17.1	16.9	17.7	18.5
	4H	19.9	20.7	20.6	21.4	22.2	16.5	17.3	17.2	18.0	18.8
	6H	20.4	21.0	21.1	21.7	22.6	16.7	17.4	17.4	18.1	18.9
	8H	20.7	21.3	21.4	22.0	22.9	16.8	17.4	17.5	18.1	19.0
	12H	21.2	21.7	22.0	22.5	23.4	16.8	17.4	17.6	18.1	19.0
8H	4H	19.9	20.5	20.6	21.2	22.1	16.7	17.3	17.4	18.0	18.8
	6H	20.5	21.0	21.2	21.7	22.6	17.1	17.5	17.8	18.3	19.2
	8H	20.9	21.4	21.7	22.1	23.0	17.2	17.7	18.0	18.4	19.3
	12H	21.7	22.1	22.5	22.9	23.8	17.3	17.7	18.1	18.5	19.4
12H	4H	19.8	20.4	20.6	21.1	22.0	16.7	17.2	17.5	17.9	18.8
	6H	20.4	20.9	21.2	21.6	22.5	17.2	17.6	17.9	18.3	19.3
	8H	21.0	21.4	21.8	22.1	23.1	17.4	17.8	18.2	18.5	19.5

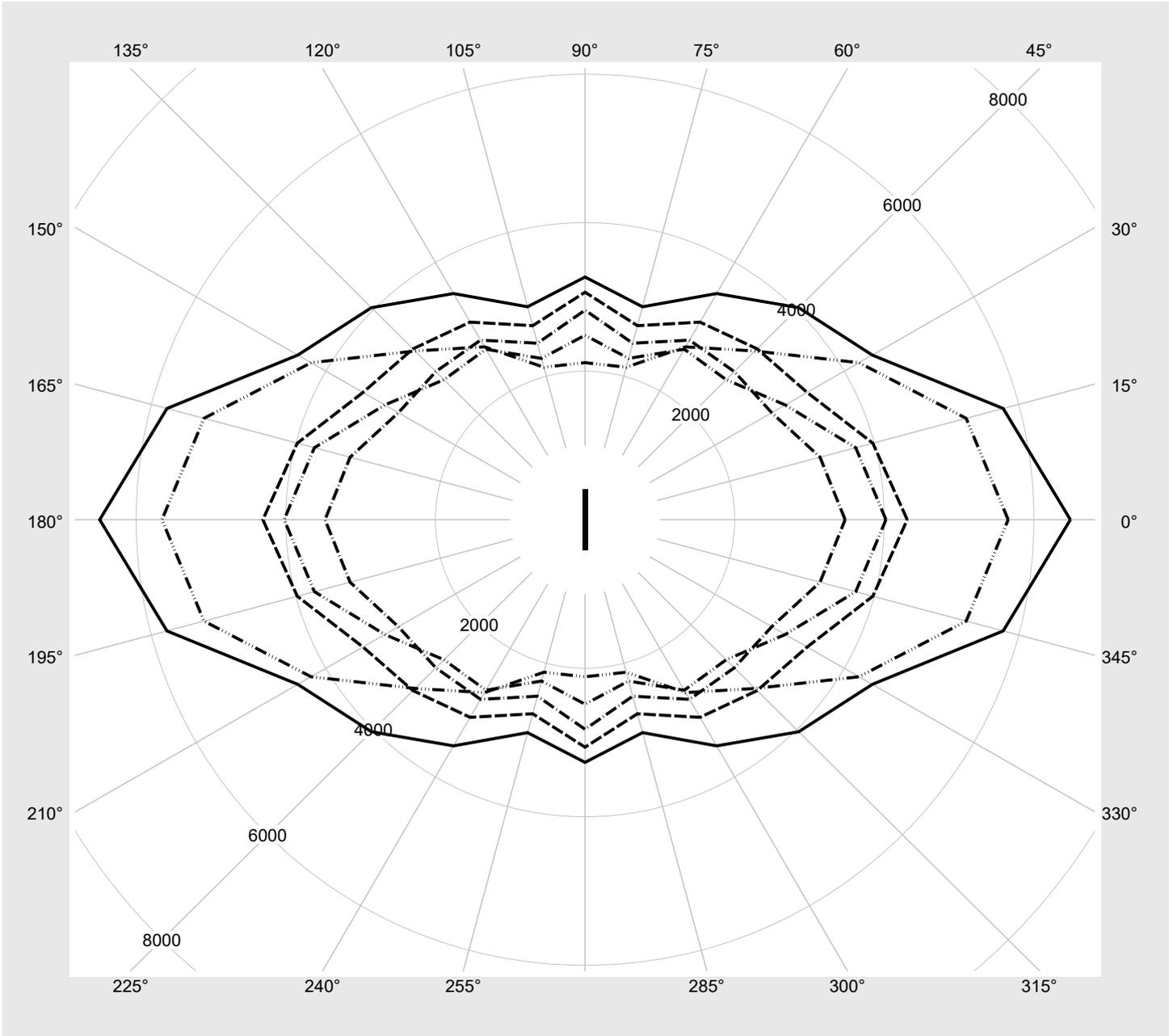
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1480	H(C0) = 36	H(C180) = 36
			B = 115	H(C90) = 0	H(C270) = 0

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°		10918.4	10906.7	12754.9	14950.8	8997.4	6338.1	6148.2	
50°		10156.6	9479.8	9226.2	10908.1	6797.7	4804.3	4753.1	
55°		9622.8	8601.1	7107.7	7591.0	5231.6	3896.7	3984.9	
60°		8472.0	7476.6	5644.0	5375.4	4190.3	3330.7	3539.3	
65°		6487.6	5786.1	4433.9	4038.4	3516.8	2968.6	3267.8	
70°		4306.8	3981.9	3428.0	3253.6	3072.6	2705.3	3063.3	
75°		3475.9	3251.8	2881.5	2820.7	2792.9	2460.6	2822.0	
80°		4021.8	3745.4	3090.5	2666.9	2651.4	2248.9	2484.1	
85°		5655.5	5274.2	4228.7	3213.1	2688.2	2126.0	2115.0	

Photometric test report

Family Licross® 11 Performance	Order number: 51TM16DN695G EAN: 4069025718013	LP number 58520_417
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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 Performance	Order number: 51TM16DN695G EAN: 4069025718013	LP number 58520_417
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Dimming levels table	environmental temperature: 25°C	sITeco
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Luminous flux [%]	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	9780	56.5
95	240	252	9282	53.3
90	227	250	8816	50.4
85	213	248	8307	47.3
80	200	245	7833	44.4
75	186	243	7318	41.3
70	173	240	6832	38.4
65	160	237	6346	35.6
60	147	234	5855	32.7
55	135	231	5398	30.1
50	122	227	4896	27.3
45	109	223	4392	24.6
40	97	219	3924	22.0
35	84	213	3413	19.3
30	72	208	2933	16.8
25	60	201	2453	14.4
20	48	193	1970	11.8
15	36	182	1481	9.3
10	24	168	988	6.9
5	12	142	491	4.5
2	4	102	158	3.0