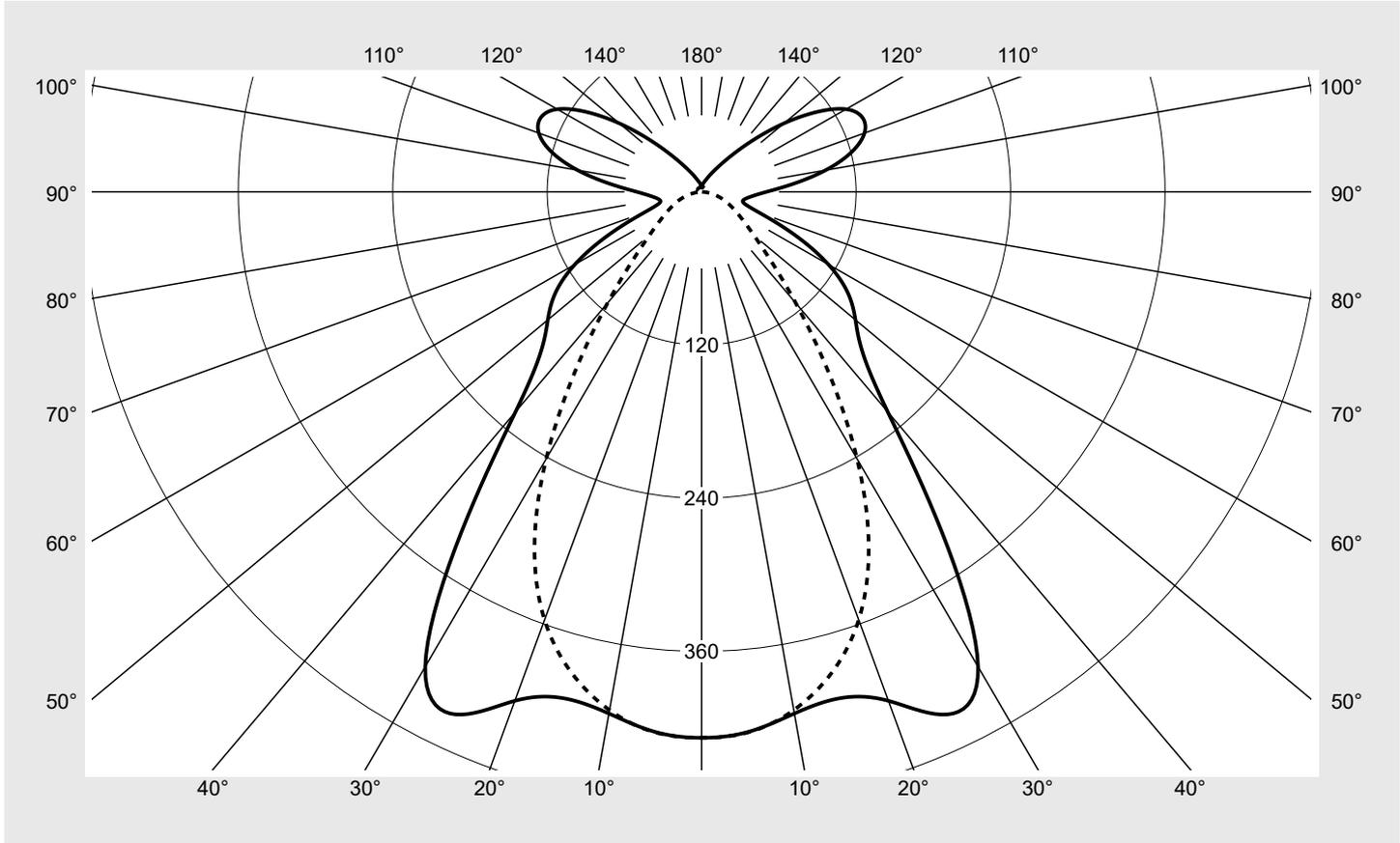


Photometric test report

Family Licross® 11 Performance	Order number: 51TD16CN69XG EAN: 4069025113795	LP number 58520_416
	Version cover frosted, direct-/ indirect distribution Lamps LED 6500 K CRI ≥ 80 Controlgear ECG-Multilumen CLOi Rated values Net luminous flux = 8960 lm Power consumption = 49.4 W Luminous efficacy = 181.4 lm/W	serial documentation 14.11.2025
		

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: 51TD16CN69XG EAN: 4069025113795	LP number 58520_416
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: 51TD16CN69XG EAN: 4069025113795	LP number 58520_416
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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	18.7	20.0	19.3	20.5	21.2	14.9	16.2	15.5	16.7	17.4
	3H	19.3	20.4	19.9	21.0	21.7	15.3	16.4	15.9	17.0	17.7
	4H	19.5	20.5	20.1	21.1	21.8	15.5	16.6	16.1	17.2	17.9
	6H	19.7	20.6	20.4	21.3	22.0	15.6	16.6	16.3	17.2	18.0
	8H	20.0	20.8	20.6	21.4	22.2	15.6	16.5	16.3	17.2	17.9
	12H	20.3	21.0	21.0	21.7	22.5	15.6	16.5	16.3	17.2	17.9
4H	2H	18.7	19.7	19.3	20.3	21.0	15.4	16.4	16.0	17.0	17.7
	3H	19.4	20.2	20.0	20.9	21.7	15.9	16.8	16.6	17.4	18.2
	4H	19.6	20.4	20.3	21.1	21.9	16.2	17.0	16.9	17.7	18.5
	6H	20.1	20.7	20.8	21.4	22.2	16.4	17.1	17.1	17.8	18.6
	8H	20.4	21.0	21.1	21.7	22.6	16.5	17.1	17.2	17.8	18.7
	12H	20.9	21.4	21.7	22.2	23.1	16.5	17.1	17.3	17.8	18.7
8H	4H	19.6	20.2	20.3	20.9	21.8	16.4	17.0	17.1	17.7	18.5
	6H	20.2	20.7	20.9	21.4	22.3	16.7	17.2	17.5	18.0	18.9
	8H	20.6	21.1	21.4	21.8	22.7	16.9	17.4	17.7	18.1	19.0
	12H	21.4	21.8	22.2	22.5	23.5	17.0	17.4	17.8	18.2	19.1
12H	4H	19.5	20.1	20.3	20.8	21.7	16.4	16.9	17.1	17.6	18.5
	6H	20.1	20.6	20.9	21.3	22.2	16.9	17.3	17.6	18.0	18.9
	8H	20.7	21.1	21.5	21.8	22.7	17.1	17.5	17.9	18.2	19.2

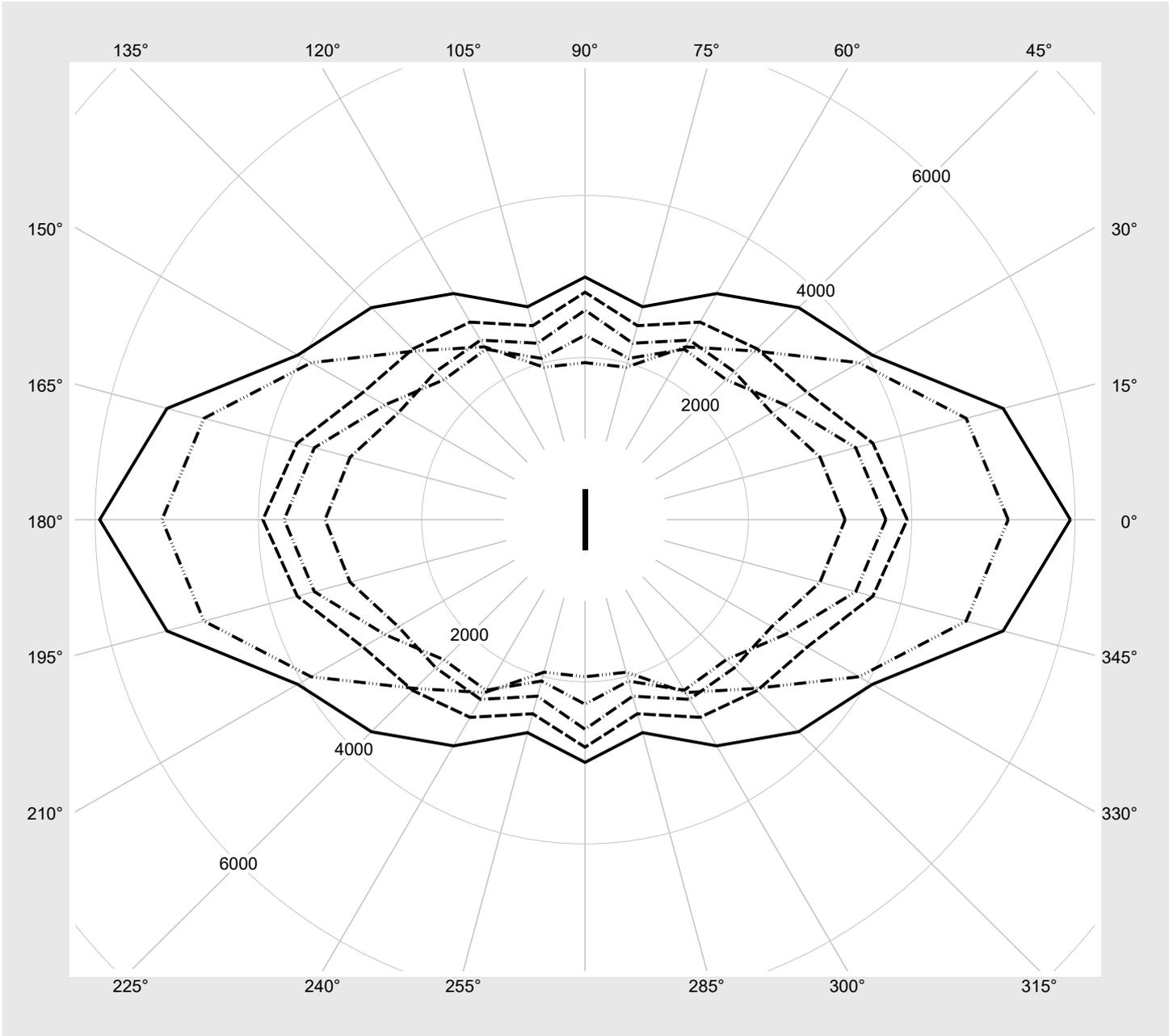
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1480	H(C0) = 36	H(C180) = 36
			B = 115	H(C90) = 0	H(C270) = 0

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°		10003.0	9992.2	11685.5	13697.2	8243.0	5806.7	5632.7	
50°		9305.0	8685.0	8452.6	9993.5	6227.8	4401.5	4354.6	
55°		8816.0	7879.9	6511.8	6954.5	4792.9	3570.0	3650.8	
60°		7761.7	6849.7	5170.8	4924.7	3838.9	3051.4	3242.6	
65°		5943.7	5300.9	4062.1	3699.8	3221.9	2719.7	2993.8	
70°		3945.7	3648.1	3140.6	2980.8	2814.9	2478.5	2806.4	
75°		3184.5	2979.1	2639.9	2584.2	2558.7	2254.3	2585.4	
80°		3684.6	3431.3	2831.4	2443.3	2429.1	2060.4	2275.9	
85°		5181.3	4832.0	3874.2	2943.7	2462.8	1947.8	1937.7	

Photometric test report

Family Licross® 11 Performance	Order number: 51TD16CN69XG EAN: 4069025113795	LP number 58520_416
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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: 51TD16CN69XG EAN: 4069025113795	LP number 58520_416
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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	8960	49.4	52.1	50.8
2	A	C	F	8440	46.2	48.9	47.6
3	A	D	E	7920	43.1	45.4	44.2
4	A	D	F	7470	40.5	42.7	41.6
5	B	C	E	6940	37.4	39.6	38.5
6	B	C	F	6480	34.8	36.5	35.6
7	B	D	E	5940	31.8	33.5	32.6
8	B	D	F	5470	29.2	30.9	30.0