



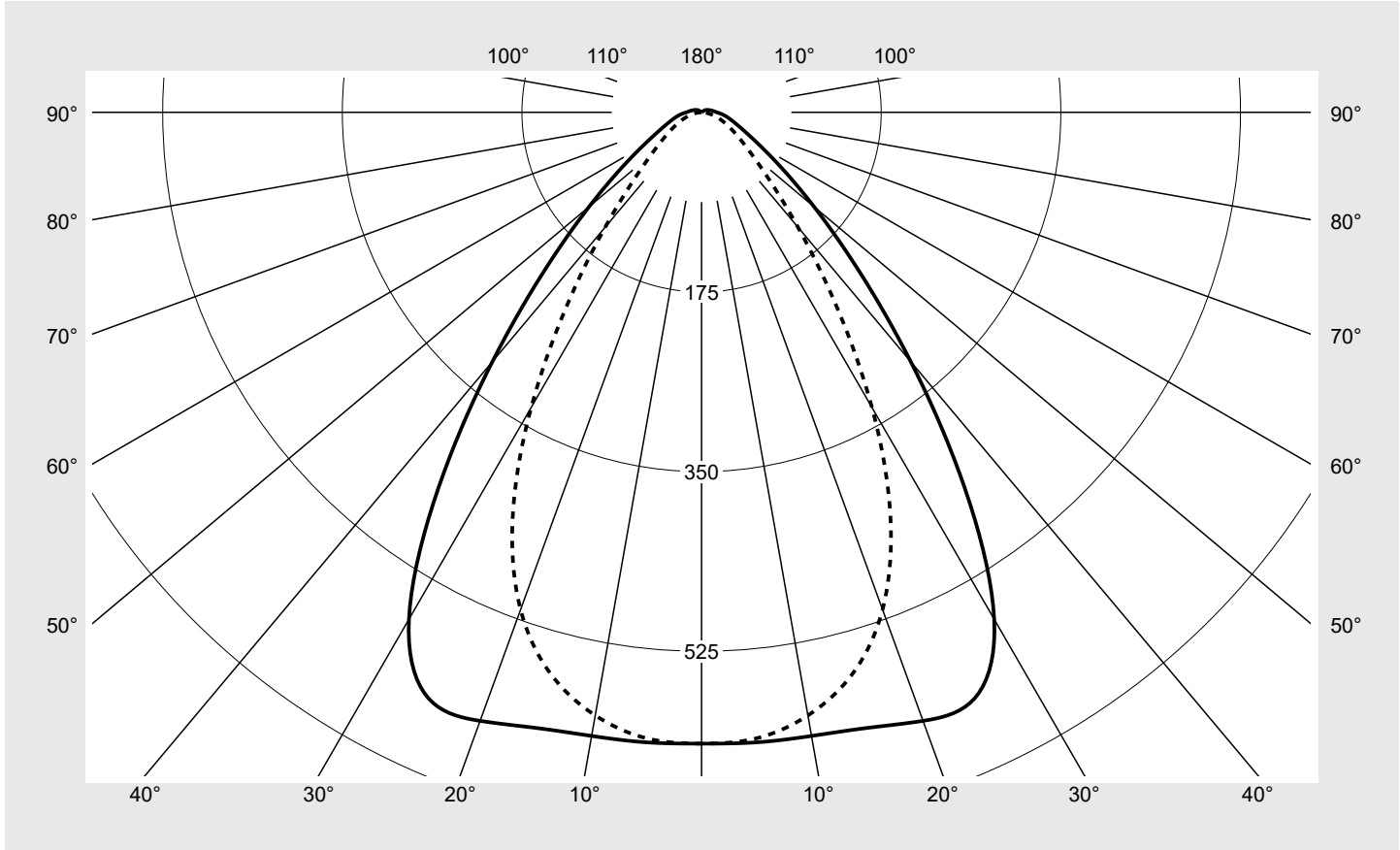
Photometric test report

Family Licross® 11 Protected	Order number: 51TP12CN685G EAN: 4069025283054	LP number 58524_317
	Version prismatic cover, frosted, wide distribution Lamps LED 6500 K CRI ≥ 80 Controlgear ECG-Multilumen CLOi Rated values Net luminous flux = 8840 lm Power consumption = 49.4 W Luminous efficacy = 178.9 lm/W	serial documentation 14.11.2025





Luminous intensity in cd/klm C180-0 C270-90 **Imax: 631 cd/klm**



Classifications	
DIN 5040	A 5 1
CIE	N1=73 N2=92 N3=98 N4=99 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	98.6%
ϕ_o	1.4%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 11 Protected	Order number: 51TP12CN685G EAN: 4069025283054	LP number 58524_317
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°	615.0	615.0	615.0	615.0	615.0	615.0	615.0	3.7	3.7
5°	616.1	614.1	609.7	611.1	612.9	611.9	612.2	29.3	32.9
10°	616.9	615.1	606.4	602.8	600.3	597.0	596.6	57.6	90.5
15°	620.9	617.8	600.9	587.5	576.7	568.6	566.8	83.8	174.3
20°	630.8	623.5	591.7	561.2	536.7	520.1	515.5	106.4	280.7
25°	629.8	620.7	576.3	523.2	476.9	445.6	435.5	122.6	403.3
30°	570.2	568.9	534.3	469.6	398.0	348.4	331.9	126.5	529.9
35°	447.2	456.9	450.2	394.1	307.5	246.5	227.0	114.9	644.8
40°	317.0	331.0	344.1	303.2	220.2	163.1	146.0	93.6	738.3
45°	213.9	226.3	244.1	214.7	147.7	105.6	94.0	70.6	808.9
50°	143.1	152.0	166.9	144.8	97.7	70.8	64.1	51.5	860.4
55°	96.6	102.1	111.9	95.1	64.8	49.7	46.3	37.0	897.4
60°	67.0	69.6	74.2	63.4	44.8	36.0	34.5	26.8	924.2
65°	49.0	49.5	50.0	42.8	32.0	26.6	25.7	19.7	943.9
70°	37.9	37.0	34.4	29.4	23.3	19.5	18.8	14.8	958.7
75°	30.5	28.7	24.6	20.4	16.6	13.6	12.7	11.1	969.8
80°	24.8	22.7	18.1	14.1	11.2	8.8	7.6	8.2	978.0
85°	19.7	17.8	13.4	9.8	7.1	4.8	3.4	5.9	983.8
90°	14.9	13.4	9.7	6.4	4.0	1.9	0.4	3.9	987.8
95°	12.2	11.1	8.2	5.4	3.1	1.2	0.3	3.2	991.0
100°	10.0	9.2	6.9	4.5	2.4	0.7	0.3	2.6	993.6
105°	8.2	7.6	5.7	3.6	1.7	0.4	0.3	2.1	995.6
110°	6.8	6.2	4.6	2.7	1.1	0.3	0.3	1.6	997.2
115°	5.5	5.0	3.7	2.0	0.7	0.4	0.4	1.2	998.4
120°	4.3	3.8	2.7	1.4	0.6	0.5	0.5	0.9	999.3
125°	3.1	2.7	1.8	0.9	0.6	0.6	0.6	0.6	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: 51TP12CN685G EAN: 4069025283054	LP number 58524_317
--	--	-------------------------------

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	20.8	22.3	21.2	22.6	22.9	17.6	19.0	17.9	19.3	19.6
	3H	21.3	22.5	21.6	22.9	23.2	17.9	19.2	18.3	19.5	19.9
	4H	21.5	22.7	21.9	23.0	23.4	18.1	19.3	18.5	19.6	20.0
	6H	21.8	22.8	22.2	23.2	23.6	18.2	19.3	18.6	19.7	20.1
	8H	22.0	22.9	22.4	23.3	23.7	18.3	19.3	18.7	19.7	20.1
	12H	22.2	23.0	22.6	23.4	23.8	18.3	19.3	18.8	19.7	20.1
4H	2H	20.9	22.1	21.3	22.4	22.8	18.1	19.3	18.5	19.6	20.0
	3H	21.4	22.4	21.9	22.8	23.2	18.6	19.6	19.0	20.0	20.4
	4H	21.8	22.7	22.2	23.1	23.5	18.8	19.7	19.3	20.1	20.5
	6H	22.2	22.9	22.7	23.4	23.8	19.0	19.8	19.5	20.2	20.7
	8H	22.4	23.1	22.9	23.6	24.0	19.1	19.8	19.5	20.2	20.7
	12H	22.7	23.3	23.2	23.7	24.2	19.1	19.7	19.6	20.2	20.7
8H	4H	21.8	22.5	22.3	22.9	23.4	19.0	19.7	19.5	20.2	20.6
	6H	22.3	22.9	22.8	23.3	23.8	19.3	19.9	19.8	20.4	20.9
	8H	22.6	23.1	23.1	23.6	24.1	19.4	19.9	19.9	20.4	20.9
	12H	23.0	23.4	23.5	23.9	24.5	19.5	20.0	20.1	20.5	21.0
12H	4H	21.8	22.4	22.3	22.9	23.4	19.1	19.7	19.6	20.1	20.6
	6H	22.3	22.8	22.8	23.3	23.8	19.4	19.9	19.9	20.4	20.9
	8H	22.6	23.1	23.2	23.6	24.1	19.6	20.0	20.1	20.5	21.0

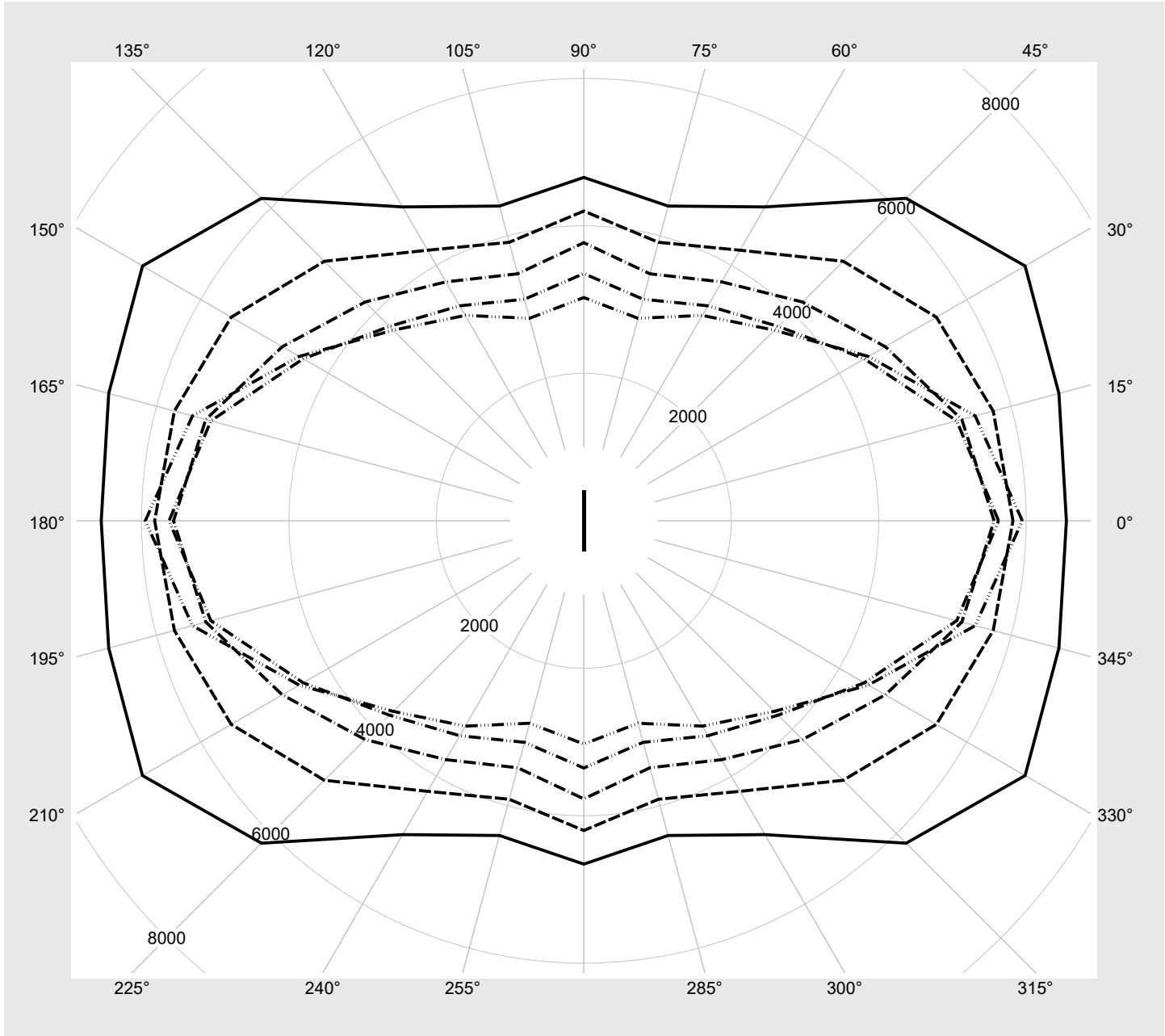
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1480	H(C0) = 13	H(C180) = 13
			B = 78	H(C90) = 0	H(C270) = 0

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°	19858.3	21105.4	23100.1	20797.7	14762.6	10965.1	10183.7	
	50°	14219.0	15193.8	16969.3	15130.0	10588.4	8019.2	7631.5	
	55°	10412.8	11079.0	12382.8	10867.1	7731.8	6245.7	6182.3	
	60°	7967.5	8334.4	9094.0	8061.3	5989.5	5135.6	5277.8	
	65°	6546.4	6672.1	6912.0	6184.1	4914.9	4418.8	4656.5	
	70°	5821.5	5749.5	5522.5	4977.0	4237.0	3909.9	4200.5	
	75°	5565.3	5308.9	4722.2	4195.9	3741.1	3467.6	3771.4	
	80°	5626.1	5237.0	4394.4	3728.3	3366.2	3110.5	3352.8	
	85°	5948.3	5496.4	4457.4	3655.5	3216.1	2842.9	3027.7	

Photometric test report

Family Licross® 11 Protected	Order number: 51TP12CN685G EAN: 4069025283054	LP number 58524_317
---	--	--------------------------------------

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: 51TP12CN685G EAN: 4069025283054	LP number 58524_317
--	--	--------------------------------------

Multilumen Table	environmental temperature: 25°C	sITeco
-------------------------	---------------------------------	---------------

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]	Power consumption	Power consumption
	1	2	3			end of lifetime [W]	average [W]
1	A	C	E	8840	49.4	52.1	50.8
2	A	C	F	8330	46.2	48.9	47.6
3	A	D	E	7810	43.1	45.4	44.2
4	A	D	F	7370	40.5	42.7	41.6
5	B	C	E	6840	37.4	39.6	38.5
6	B	C	F	6390	34.8	36.5	35.6
7	B	D	E	5860	31.8	33.5	32.6
8	B	D	F	5400	29.2	30.9	30.0