


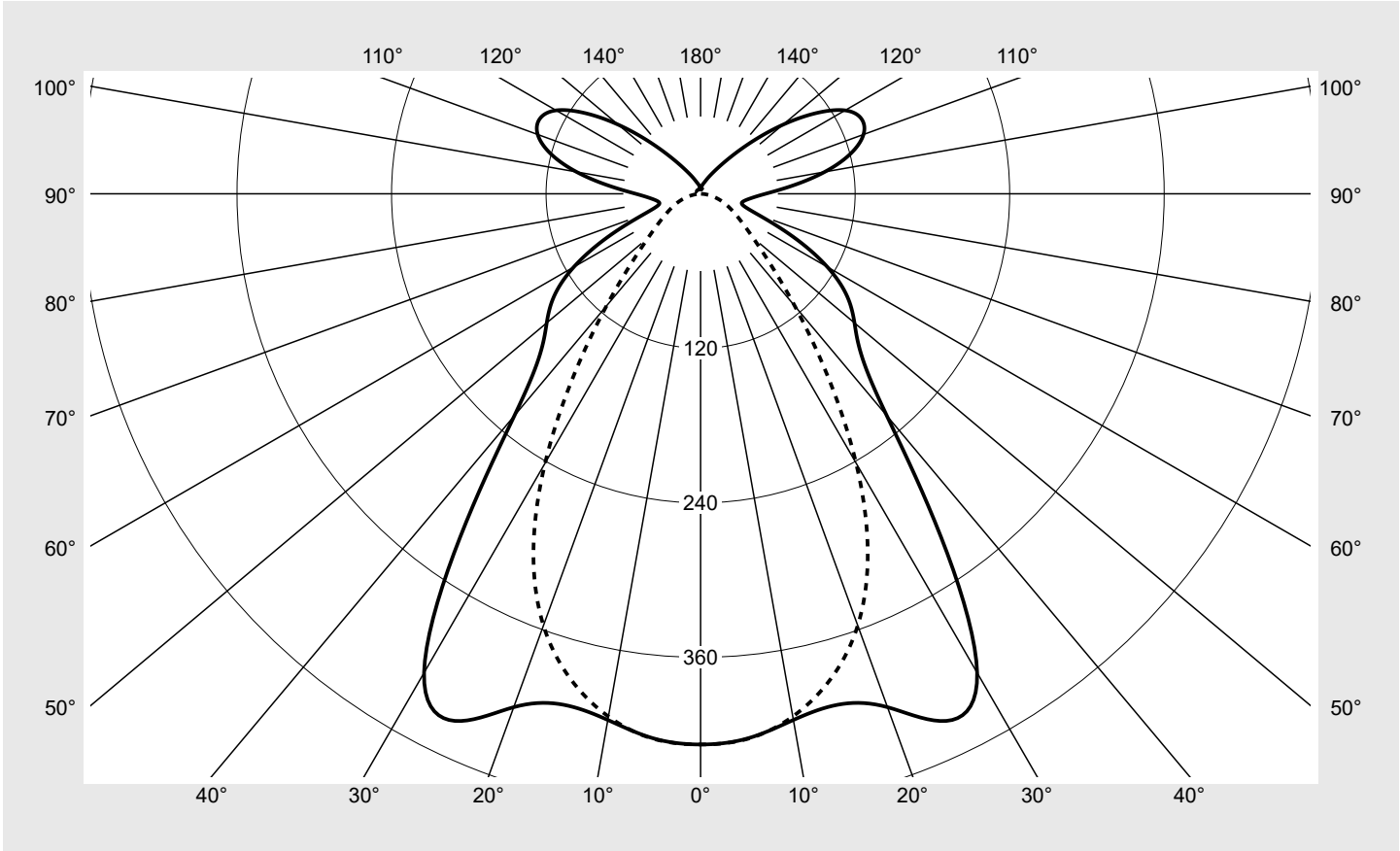
Photometric test report

Family Licross® 11 Performance	Order number: 51TD16MN4AXG EAN: 4058352928929	LP number 58520_360
	Version cover frosted, direct-/ indirect distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG Multilumen Rated values Net luminous flux = 10160 lm Power consumption = 55.3 W Luminous efficacy = 183.7 lm/W	serial documentation 11.10.2023





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: 51TD16MN4AXG EAN: 4058352928929	LP number 58520_360
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: 51TD16MN4AXG EAN: 4058352928929	LP number 58520_360
--	--	-------------------------------

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	19.1	20.4	19.7	21.0	21.6	15.3	16.6	15.9	17.2	17.8
	3H	19.7	20.8	20.3	21.4	22.1	15.7	16.9	16.3	17.5	18.1
	4H	19.9	20.9	20.5	21.5	22.3	15.9	17.0	16.5	17.6	18.3
	6H	20.2	21.1	20.8	21.7	22.5	16.1	17.1	16.7	17.7	18.4
	8H	20.4	21.2	21.1	21.9	22.7	16.1	17.0	16.7	17.6	18.4
	12H	20.7	21.5	21.4	22.2	23.0	16.1	16.9	16.7	17.6	18.4
4H	2H	19.1	20.2	19.7	20.8	21.5	15.8	16.8	16.4	17.4	18.2
	3H	19.8	20.7	20.5	21.3	22.1	16.4	17.2	17.0	17.9	18.6
	4H	20.1	20.8	20.7	21.5	22.3	16.7	17.4	17.3	18.1	18.9
	6H	20.5	21.1	21.2	21.9	22.7	16.9	17.5	17.6	18.2	19.1
	8H	20.8	21.4	21.6	22.2	23.0	16.9	17.6	17.7	18.3	19.1
	12H	21.4	21.9	22.1	22.6	23.5	17.0	17.5	17.7	18.2	19.1
8H	4H	20.0	20.6	20.7	21.4	22.2	16.8	17.4	17.5	18.1	19.0
	6H	20.6	21.1	21.3	21.8	22.7	17.2	17.7	17.9	18.4	19.3
	8H	21.1	21.5	21.8	22.3	23.2	17.4	17.8	18.1	18.6	19.5
	12H	21.8	22.2	22.6	23.0	23.9	17.5	17.8	18.2	18.6	19.5
12H	4H	20.0	20.5	20.7	21.3	22.1	16.8	17.3	17.6	18.1	19.0
	6H	20.6	21.0	21.3	21.8	22.7	17.3	17.7	18.1	18.5	19.4
	8H	21.1	21.5	21.9	22.3	23.2	17.5	17.9	18.3	18.7	19.6

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°		11342.7	11330.5	13250.5	15531.7	9347.0	6584.4	6387.1		
50°		10551.3	9848.1	9584.6	11331.9	7061.8	4991.0	4937.8		
55°		9996.7	8935.2	7383.9	7885.9	5434.8	4048.1	4139.8		
60°		8801.2	7767.1	5863.3	5584.3	4353.1	3460.1	3676.8		
65°		6739.7	6010.9	4606.1	4195.3	3653.4	3084.0	3394.8		
70°		4474.1	4136.6	3561.2	3380.1	3191.9	2810.4	3182.3		
75°		3610.9	3378.1	2993.4	2930.3	2901.4	2556.2	2931.7		
80°		4178.1	3890.9	3210.6	2770.6	2754.4	2336.3	2580.7		
85°		5875.2	5479.1	4393.0	3338.0	2792.7	2208.6	2197.2		

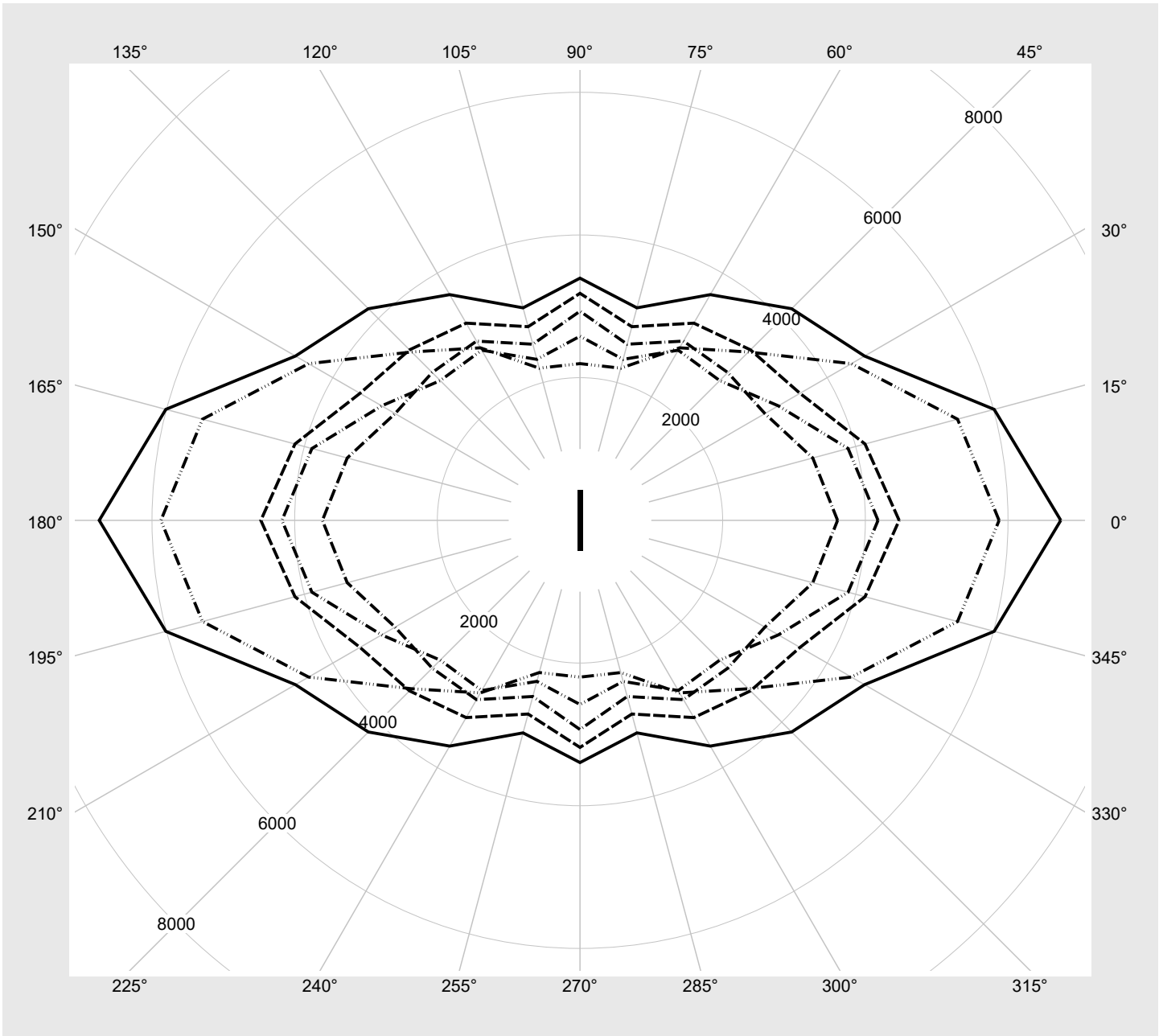
Photometric test report

Family Licross® 11 Performance	Order number: 51TD16MN4AXG EAN: 4058352928929	LP number 58520_360
---	--	--------------------------------------

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: 51TD16MN4AXG
EAN: 4058352928929

LP number
58520_360

Multilumen Table

environmental temperature: 25°C

siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	10160	55.3
2	A	C	F	9640	52.1
3	A	D	E	9190	49.4
4	A	D	F	8660	46.3
5	B	C	E	8130	43.1
6	B	C	F	7670	40.5
7	B	D	E	7120	37.4
8	B	D	F	6650	34.7