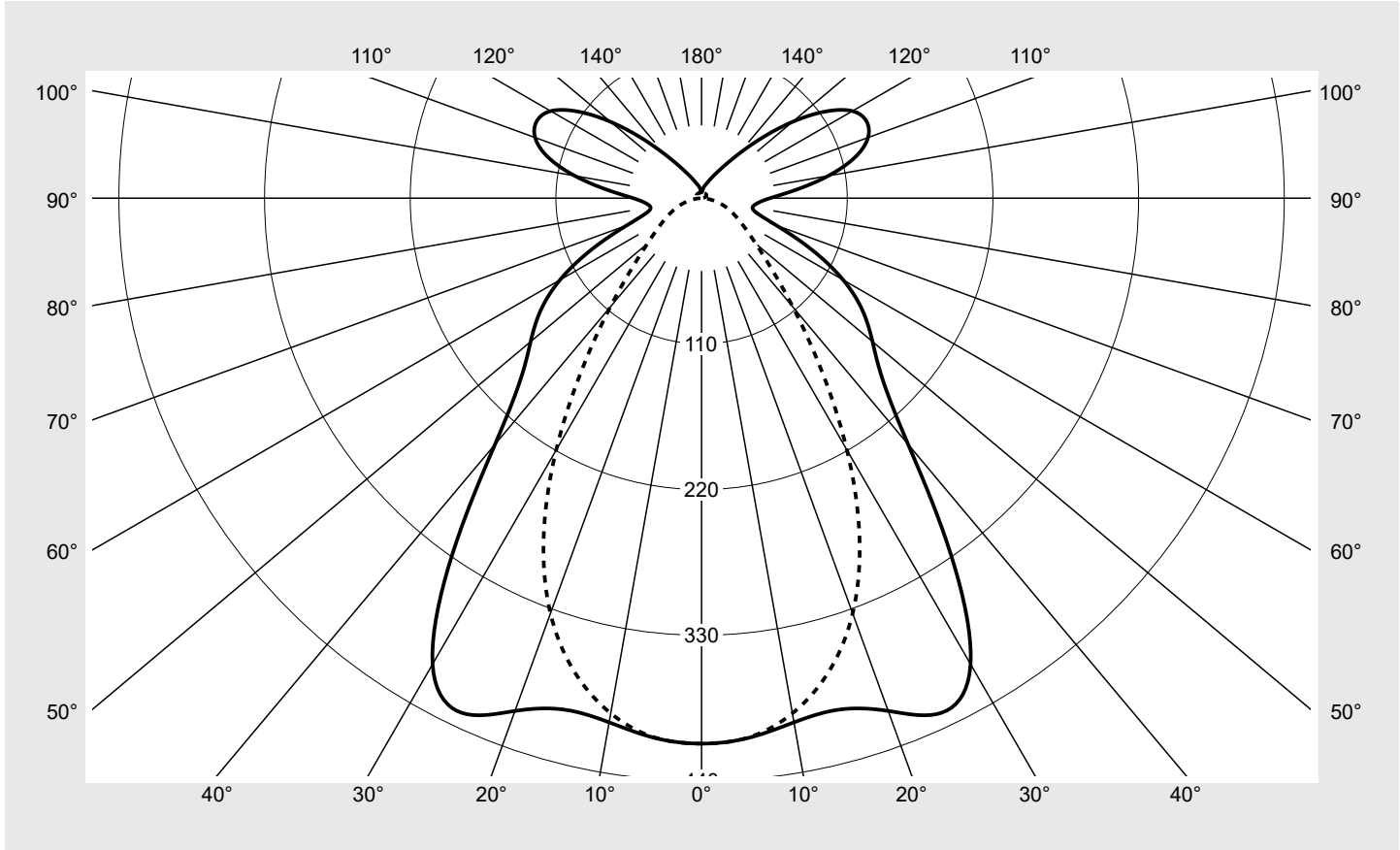


Photometric test report

Family Licross® 11 Performance	Order number: 51TM16TNT85X EAN: 4069025021670	LP number 58519_303
	Version cover frosted, direct-/ indirect distribution, tunable white Lamps LED 2700 K ... 6500 K CRI ≥ 80 Controlgear ECG-DALI Setting individual position Rated values at 2700 K Net luminous flux = 8930 lm Power consumption = 56.0 W Luminous efficacy = 159.5 lm/W	serial documentation 15.03.2024 

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 429 cd/klm**



Classifications	
DIN 5040	B 5 1
CIE	N1=63 N2=86 N3=95 N4=78 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	78.1%
ϕ_o	21.9%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 11 Performance	Order number: 51TM16TNT85X EAN: 4069025021670	LP number 58519_303
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°	411.8	411.8	411.8	411.8	411.8	411.8	411.8	2.5	2.5
5°	409.0	407.3	405.0	406.4	408.3	408.3	408.7	19.5	21.9
10°	401.9	399.8	395.6	394.8	395.0	394.6	395.0	37.7	59.6
15°	399.8	396.0	386.0	378.7	373.7	370.5	370.4	54.1	113.8
20°	412.0	404.2	382.1	360.3	344.8	335.4	333.6	68.7	182.5
25°	428.7	419.7	386.2	342.0	307.4	287.4	282.2	81.0	263.5
30°	406.2	406.4	384.2	323.4	261.9	228.9	219.5	87.6	351.1
35°	328.1	339.8	351.8	297.2	211.1	168.2	156.8	84.4	435.5
40°	242.7	253.2	284.0	257.1	161.6	117.6	107.2	73.3	508.8
45°	193.2	191.3	206.1	202.2	118.6	81.5	73.7	60.3	569.1
50°	168.5	157.2	146.5	145.8	85.8	58.6	53.4	49.3	618.5
55°	148.6	133.1	107.2	99.9	62.9	44.3	40.9	40.6	659.0
60°	123.5	108.6	80.0	67.9	46.9	34.4	32.2	32.9	691.9
65°	91.5	81.0	59.1	47.5	36.1	27.0	25.4	25.6	717.5
70°	60.2	54.5	42.3	34.6	28.0	21.0	19.4	18.9	736.4
75°	43.1	39.2	31.3	26.2	21.7	15.5	13.5	14.3	750.7
80°	39.2	35.6	27.4	20.7	16.7	10.7	8.0	12.1	762.9
85°	42.5	38.8	29.2	19.4	12.9	6.9	3.4	11.8	774.7
90°	51.7	47.2	34.3	20.7	11.3	4.4	0.6	13.1	787.8
95°	71.3	64.2	44.5	24.7	12.8	5.2	1.1	17.1	804.9
100°	97.2	85.6	55.2	28.6	14.3	6.1	1.8	21.5	826.4
105°	120.2	103.0	65.3	32.5	15.7	6.9	2.8	25.1	851.6
110°	133.8	113.4	72.0	35.7	17.0	7.6	3.5	27.0	878.6
115°	137.4	116.7	75.1	37.4	17.7	8.2	3.9	27.0	905.5
120°	131.5	112.0	72.9	36.7	17.5	8.5	4.2	25.0	930.5
125°	114.0	97.3	64.4	33.4	16.5	8.4	4.4	20.9	951.4
130°	89.6	76.8	52.0	28.4	14.9	8.3	4.5	15.9	967.3
135°	64.2	55.4	38.9	22.9	13.2	7.9	4.4	11.1	978.4
140°	43.4	38.1	28.3	18.4	11.3	7.3	4.5	7.5	985.9
145°	29.7	26.7	21.1	14.9	9.5	6.3	4.4	5.0	990.9
150°	21.4	19.7	16.5	11.7	8.2	5.8	4.4	3.4	994.4
155°	16.0	15.0	12.7	9.4	8.0	5.2	4.3	2.3	996.7
160°	12.3	11.7	9.5	8.1	6.6	5.4	4.1	1.5	998.2
165°	10.0	9.6	7.9	6.6	5.9	4.7	4.5	1.0	999.2
170°	7.8	6.8	5.5	5.6	6.0	4.8	4.8	0.6	999.8
175°	4.9	4.4	4.8	4.8	4.9	4.9	5.2	0.2	1000.0
180°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	0.0	1000.0

Photometric test report

Family Licross® 11 Performance	Order number: 51TM16TNT85X EAN: 4069025021670	LP number 58519_303
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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	14.6	15.8	15.2	16.4	17.1
	3H	19.8	20.9	20.4	21.5	22.2	15.1	16.2	15.7	16.8	17.5
	4H	20.1	21.1	20.7	21.7	22.5	15.3	16.4	16.0	17.0	17.7
	6H	20.4	21.3	21.1	22.0	22.8	15.5	16.5	16.2	17.1	17.9
	8H	20.7	21.5	21.4	22.2	23.0	15.5	16.4	16.2	17.1	17.9
	12H	21.0	21.7	21.7	22.4	23.3	15.5	16.4	16.2	17.1	17.9
4H	2H	19.0	20.1	19.6	20.7	21.4	15.2	16.2	15.9	16.9	17.6
	3H	19.9	20.8	20.6	21.5	22.3	15.9	16.7	16.6	17.4	18.2
	4H	20.3	21.1	21.0	21.8	22.6	16.2	17.0	16.9	17.7	18.5
	6H	20.8	21.5	21.5	22.2	23.0	16.5	17.2	17.2	17.9	18.7
	8H	21.2	21.7	21.9	22.5	23.4	16.6	17.2	17.3	17.9	18.8
	12H	21.7	22.2	22.4	22.9	23.8	16.6	17.2	17.4	17.9	18.8
8H	4H	20.3	20.9	21.0	21.6	22.5	16.5	17.1	17.2	17.8	18.7
	6H	20.9	21.4	21.7	22.2	23.1	16.9	17.4	17.7	18.2	19.1
	8H	21.4	21.9	22.2	22.6	23.5	17.1	17.6	17.9	18.4	19.3
	12H	22.1	22.5	22.9	23.3	24.2	17.3	17.6	18.0	18.4	19.4
12H	4H	20.2	20.8	21.0	21.5	22.4	16.5	17.0	17.3	17.8	18.7
	6H	20.9	21.3	21.7	22.1	23.0	17.1	17.5	17.9	18.3	19.2
	8H	21.4	21.8	22.2	22.6	23.5	17.3	17.7	18.1	18.5	19.4

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°		10920.1	10901.8	12033.5	12285.6	7607.4	5592.3	5470.3	
50°		10016.0	9430.7	9040.1	9415.2	5904.5	4365.3	4360.9	
55°		9395.3	8500.7	7069.6	6940.7	4700.0	3629.8	3740.8	
60°		8401.1	7477.3	5715.2	5151.5	3873.9	3163.3	3377.2	
65°		6795.8	6100.4	4637.1	4003.0	3354.5	2858.9	3149.5	
70°		4963.3	4568.7	3716.3	3304.0	3005.3	2631.1	2972.2	
75°		4029.4	3738.1	3158.3	2910.4	2781.4	2407.5	2742.6	
80°		4263.8	3967.0	3264.6	2773.4	2677.7	2223.6	2420.5	
85°		5591.4	5235.4	4284.8	3310.9	2782.0	2157.5	2067.9	

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Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

siteco

