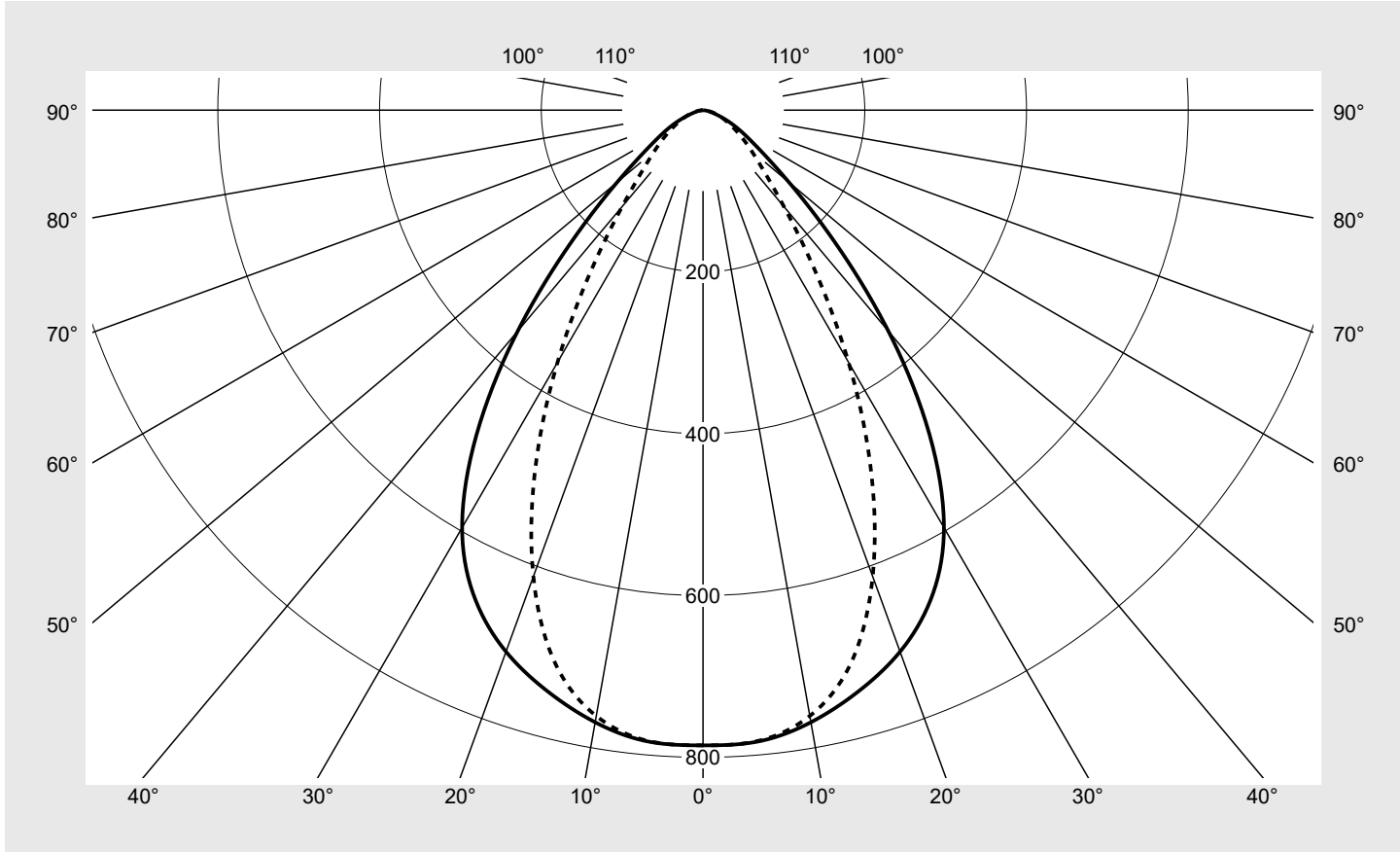


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL18MV4HXM EAN: 4058352940792	LP number 58690_118
	Version cover frosted, medium distribution, high visual comfort Lamps LED 4000 K CRI ≥ 80 Controlgear ECG Multilumen Rated values Net luminous flux = 17090 lm Power consumption = 89.2 W Luminous efficacy = 191.6 lm/W	serial documentation 11.10.2023



Luminous intensity in cd/klm C180-0 C270-90 **Imax: 785 cd/klm**



Classifications	
DIN 5040	A 6 0
CIE	N1=78 N2=94 N3=99 N4=100 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	100.0%
ϕ_o	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL18MV4HXM EAN: 4058352940792	LP number 58690_118
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°	785.2	785.2	785.2	785.2	785.2	785.2	785.2	4.7	4.7
5°	783.4	781.4	776.6	779.8	781.8	782.1	782.7	37.3	42.0
10°	768.3	766.7	761.5	762.8	763.5	761.1	760.4	72.7	114.7
15°	743.6	742.7	733.7	728.3	720.6	709.9	707.4	103.1	217.8
20°	712.4	708.4	691.4	669.5	643.5	621.3	613.4	124.9	342.7
25°	666.9	659.0	622.8	576.9	532.3	501.9	491.6	134.0	476.7
30°	595.9	578.6	522.8	456.8	403.1	370.2	359.8	128.3	605.0
35°	487.4	465.5	401.4	331.1	278.9	249.4	240.2	109.5	714.5
40°	356.6	334.8	278.6	220.0	182.5	161.7	155.6	84.2	798.7
45°	229.8	212.6	172.5	137.3	118.7	108.8	106.4	59.3	858.0
50°	138.7	127.9	104.9	89.6	83.6	79.2	78.2	41.5	899.6
55°	86.1	79.8	69.3	65.4	63.7	60.2	58.5	30.7	930.3
60°	57.8	53.9	50.5	51.8	50.6	46.1	43.1	24.0	954.3
65°	38.0	36.1	37.7	39.9	40.1	34.9	31.4	18.5	972.8
70°	21.9	21.5	24.3	28.4	29.8	25.8	22.4	13.0	985.8
75°	11.6	11.4	12.7	17.5	19.8	17.4	14.7	8.1	993.9
80°	5.8	5.7	6.1	8.6	10.9	9.9	8.2	4.3	998.3
85°	2.4	2.3	2.4	3.2	4.0	3.9	3.0	1.7	1000.0
90°	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 Recessed	Order number: 51TL18MV4HXM EAN: 4058352940792	LP number 58690_118
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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	22.2	23.5	22.5	23.8	24.2	19.5	20.9	19.9	21.2	21.5
	3H	22.4	23.6	22.8	24.0	24.3	20.2	21.4	20.6	21.8	22.1
	4H	22.5	23.6	22.9	23.9	24.3	20.5	21.6	20.9	22.0	22.3
	6H	22.5	23.5	22.9	23.8	24.2	20.6	21.7	21.1	22.0	22.4
	8H	22.6	23.4	23.0	23.8	24.2	20.8	21.7	21.2	22.1	22.5
	12H	22.6	23.3	23.0	23.7	24.1	20.8	21.6	21.2	22.0	22.4
4H	2H	22.2	23.4	22.6	23.7	24.1	20.0	21.1	20.4	21.4	21.8
	3H	22.6	23.5	23.0	23.9	24.3	20.9	21.8	21.3	22.2	22.6
	4H	22.7	23.5	23.1	23.9	24.4	21.3	22.1	21.7	22.5	23.0
	6H	22.7	23.4	23.2	23.8	24.3	21.6	22.3	22.0	22.7	23.2
	8H	22.7	23.3	23.2	23.8	24.3	21.6	22.3	22.1	22.7	23.2
	12H	22.7	23.3	23.2	23.7	24.2	21.7	22.2	22.2	22.7	23.2
8H	4H	22.7	23.4	23.2	23.8	24.3	21.5	22.1	21.9	22.5	23.0
	6H	22.8	23.3	23.3	23.8	24.3	21.8	22.3	22.3	22.8	23.3
	8H	22.8	23.2	23.3	23.7	24.2	21.9	22.4	22.5	22.9	23.4
	12H	22.8	23.2	23.3	23.7	24.2	22.0	22.4	22.6	22.9	23.5
12H	4H	22.7	23.3	23.2	23.7	24.2	21.5	22.0	22.0	22.4	22.9
	6H	22.8	23.2	23.3	23.7	24.2	21.9	22.3	22.4	22.8	23.3
	8H	22.8	23.2	23.3	23.7	24.2	22.0	22.4	22.5	22.9	23.4

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 2250 B = 58
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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°	45°	42561.9	39381.2	31948.0	25420.9	21984.8	20145.4	19713.9	
50°	50°	28253.3	26061.9	21365.2	18257.2	17026.5	16135.1	15923.5	
55°	55°	19662.1	18213.2	15814.7	14943.0	14545.9	13739.7	13359.1	
60°	60°	15140.8	14117.3	13233.8	13554.4	13255.3	12085.8	11286.2	
65°	65°	11766.2	11178.0	11669.5	12355.6	12410.7	10808.0	9734.3	
70°	70°	8398.8	8240.7	9289.4	10856.6	11411.8	9859.9	8564.6	
75°	75°	5888.6	5748.5	6447.2	8877.0	9999.2	8827.4	7455.6	
80°	80°	4388.4	4264.0	4615.4	6450.3	8188.6	7497.8	6153.9	
85°	85°	3657.3	3487.5	3657.3	4865.3	6014.8	5933.7	4557.3	

Photometric test report

Family
Licross® 11 Recessed

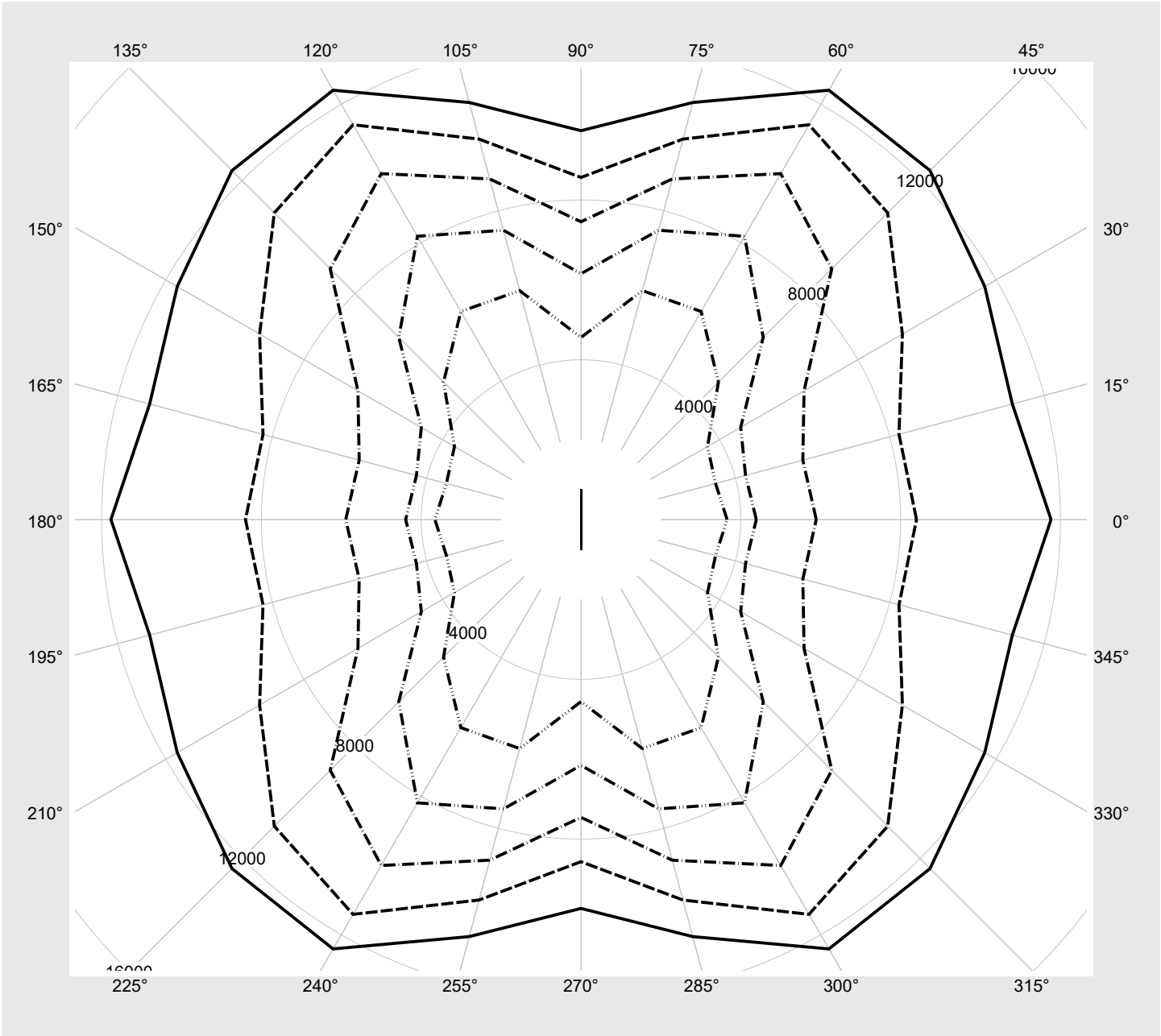
Order number: 51TL18MV4HXM
EAN: 4058352940792

LP number
58690_118

Luminance values in cd/m²



γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



Photometric test report

Family
Licross® 11 Recessed

Order number: 51TL18MV4HXM
EAN: 4058352940792

LP number
58690_118

Multilumen Table

environmental temperature: 25°C

siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	17090	89.2
2	A	C	F	16010	83.1
3	A	D	E	15010	77.4
4	A	D	F	14000	71.8
5	B	C	E	12980	66.1
6	B	C	F	12030	61.0
7	B	D	E	10990	55.5
8	B	D	F	10020	50.3