



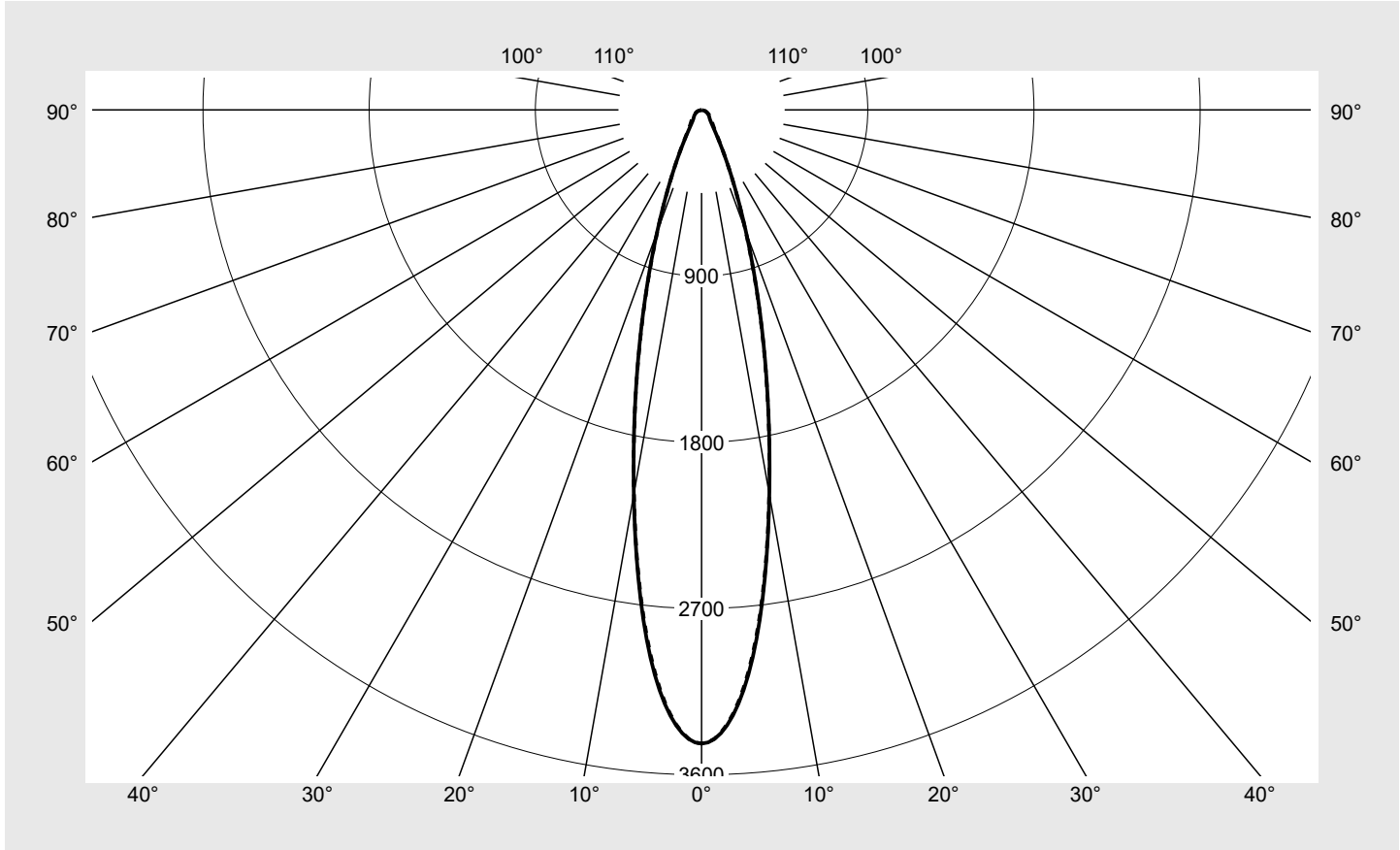
Photometric test report

Family Licross® 21 Recessed	Order number: 52TE11MN4FXS EAN: 4058352889480	LP number 58784_292
	Version cover frosted, narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG Multilumen Rated values Net luminous flux = 15070 lm Power consumption = 83.1 W Luminous efficacy = 181.4 lm/W	serial documentation 24.08.2023





Luminous intensity in cd/klm C180-0 C270-90 **Imax: 3431 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=87 N2=95 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® 21 Recessed	Order number: 52TE11MN4FXS EAN: 4058352889480	LP number 58784_292
--	--	--------------------------------------

sitEco

Table of values for luminous intensities	Maximum luminous intensity
---	-----------------------------------

C-planes	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°			
γ	Luminous intensity in cd/klm							Luminous flux in lm/klm	
0°	3431.3	3431.3	3431.3	3431.3	3431.3	3431.3	3431.3	20.5	20.5
5°	3030.0	3009.9	2995.2	3008.4	3015.8	3015.7	3017.5	143.9	164.4
10°	2113.5	2098.5	2092.1	2104.8	2111.9	2109.7	2109.2	200.3	364.7
15°	1287.2	1281.7	1283.9	1294.7	1294.7	1286.2	1283.2	182.7	547.4
20°	703.4	705.4	717.6	726.5	719.3	702.5	697.3	133.5	680.9
25°	354.0	358.8	370.9	376.0	367.5	355.6	354.0	84.3	765.2
30°	176.2	179.2	185.6	185.7	179.6	178.8	183.6	49.7	814.9
35°	102.4	102.6	103.9	102.5	99.6	107.7	116.7	32.8	847.7
40°	73.1	72.4	71.7	70.6	70.7	80.9	90.2	26.3	874.0
45°	60.7	58.7	57.0	56.9	57.9	66.7	75.5	23.6	897.6
50°	52.7	51.5	51.2	50.6	50.0	56.0	63.2	22.2	919.8
55°	44.8	43.4	45.4	45.0	43.0	46.3	51.7	20.3	940.1
60°	37.3	36.1	38.2	39.8	37.2	38.0	41.8	18.1	958.2
65°	29.8	28.9	31.0	34.0	31.7	30.7	33.0	15.5	973.8
70°	21.9	21.7	22.9	26.9	25.3	23.3	24.3	12.3	986.1
75°	12.2	12.7	14.5	18.5	17.7	15.7	16.0	8.2	994.3
80°	5.5	5.6	6.4	9.0	10.0	8.8	8.6	4.2	998.5
85°	2.2	2.1	2.4	3.2	3.5	3.4	3.0	1.6	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® 21 Recessed	Order number: 52TE11MN4FXS EAN: 4058352889480	LP number 58784_292
---------------------------------------	--	-------------------------------

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	17.4	18.6	17.8	18.9	19.2	17.8	18.9	18.2	19.2	19.6
	3H	18.8	19.8	19.2	20.1	20.5	19.2	20.2	19.6	20.5	20.9
	4H	19.1	20.1	19.5	20.4	20.8	19.7	20.6	20.1	21.0	21.4
	6H	19.3	20.1	19.7	20.5	20.9	20.1	20.9	20.5	21.3	21.7
	8H	19.4	20.1	19.8	20.5	20.9	20.2	20.9	20.7	21.3	21.7
	12H	19.4	20.1	19.8	20.5	20.9	20.2	20.9	20.7	21.3	21.7
4H	2H	18.2	19.1	18.6	19.4	19.8	18.5	19.4	18.9	19.7	20.1
	3H	19.6	20.4	20.1	20.8	21.2	20.1	20.8	20.5	21.2	21.6
	4H	20.1	20.8	20.5	21.2	21.6	20.7	21.4	21.1	21.8	22.2
	6H	20.3	20.9	20.7	21.3	21.8	21.1	21.7	21.5	22.1	22.6
	8H	20.3	20.8	20.8	21.3	21.8	21.2	21.7	21.7	22.2	22.7
	12H	20.3	20.8	20.8	21.2	21.7	21.3	21.7	21.8	22.2	22.7
8H	4H	20.4	20.9	20.9	21.4	21.9	21.0	21.5	21.4	21.9	22.4
	6H	20.7	21.1	21.2	21.6	22.1	21.5	21.9	22.0	22.4	22.9
	8H	20.7	21.1	21.2	21.6	22.1	21.6	22.0	22.1	22.5	23.0
	12H	20.7	21.0	21.2	21.5	22.1	21.7	22.0	22.2	22.5	23.1
12H	4H	20.4	20.9	20.9	21.3	21.8	20.9	21.4	21.4	21.8	22.3
	6H	20.7	21.1	21.2	21.6	22.1	21.5	21.8	22.0	22.3	22.9
	8H	20.8	21.1	21.3	21.6	22.1	21.7	22.0	22.2	22.5	23.0

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1500 B = 58
------------------------	---	--------------------------------------	----------------------------------

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°	14873.2	14385.2	13971.5	13934.3	14182.4	16333.2	18504.6	
50°	50°	14214.0	13885.5	13809.8	13643.0	13465.4	15094.4	17034.9	
55°	55°	13542.8	13119.1	13719.1	13595.9	12992.5	13994.5	15606.9	
60°	60°	12921.1	12499.1	13222.1	13781.9	12899.2	13164.9	14494.6	
65°	65°	12207.1	11859.2	12702.7	13917.1	13010.9	12596.1	13522.0	
70°	70°	11075.2	10980.5	11591.8	13601.4	12814.4	11799.4	12325.6	
75°	75°	8190.5	8486.3	9679.6	12357.3	11828.6	10477.3	10685.5	
80°	80°	5527.3	5578.2	6415.1	9003.7	9933.4	8741.3	8579.7	
85°	85°	4348.6	4265.1	4708.3	6302.2	6906.4	6703.7	5912.7	

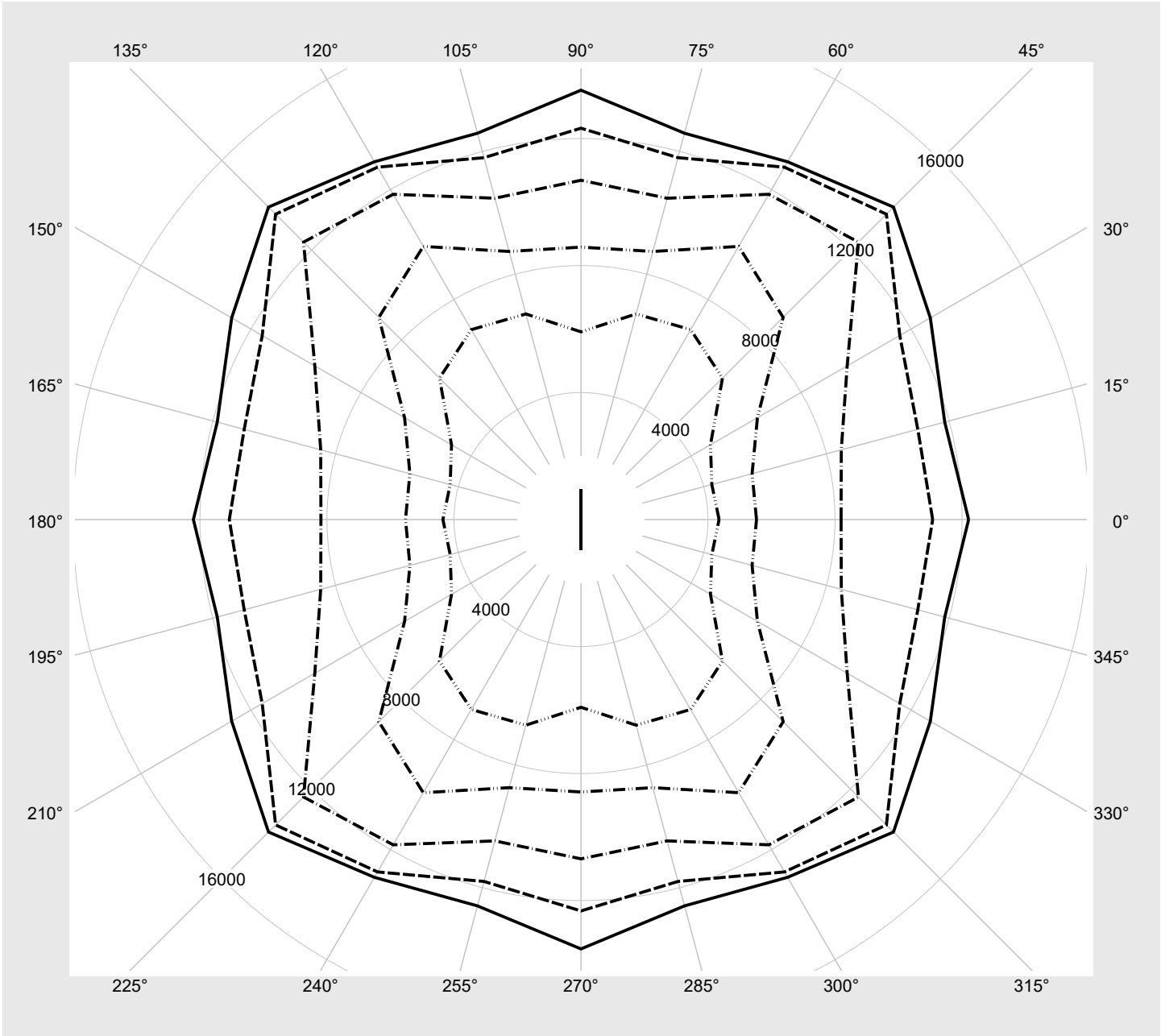
Photometric test report

Family Licross® 21 Recessed	Order number: 52TE11MN4FXS EAN: 4058352889480	LP number 58784_292
--	--	--------------------------------------

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

siteco



Photometric test report

Family
Licross® 21 Recessed

Order number: 52TE11MN4FXS
EAN: 4058352889480

LP number
58784_292

Multilumen Table

environmental temperature: 25°C

siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	15070	83.1
2	A	C	F	14150	77.5
3	A	D	E	13080	71.1
4	A	D	F	12140	65.4
5	B	C	E	11100	59.4
6	B	C	F	10130	53.9
7	B	D	E	9060	47.9
8	B	D	F	8060	42.4