

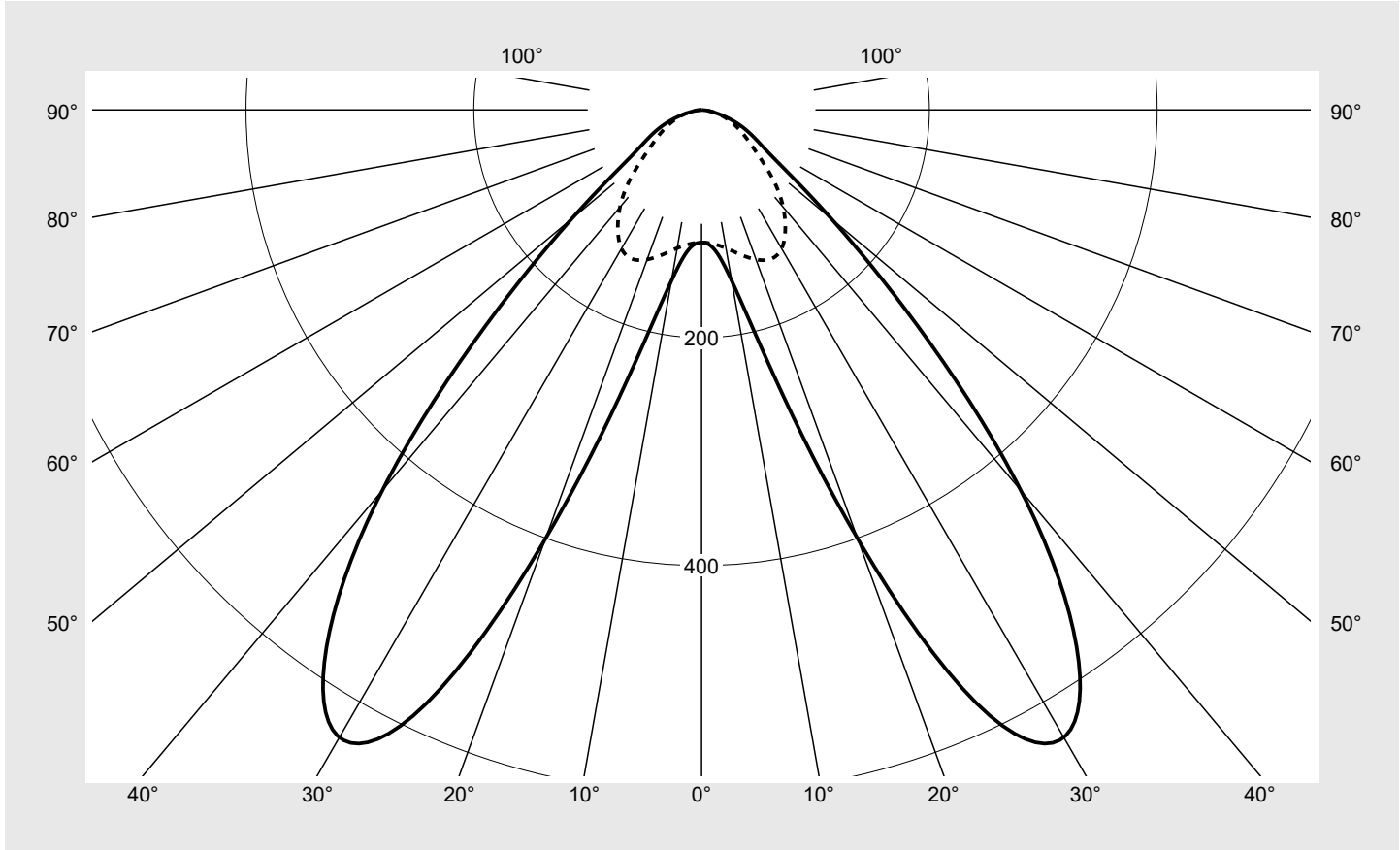


Photometric test report

Family Licross® 21 Recessed	Order number: 52TE19CN485G EAN: 4058352890004	LP number 58532_366
	Version cover frosted, double asymmetric distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-Multilumen CLOi Rated values Net luminous flux = 8870 lm Power consumption = 49.9 W Luminous efficacy = 177.8 lm/W	serial documentation 17.08.2023
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 703 cd/klm**



Classifications	
DIN 5040	A 4 0
CIE	N1=55 N2=89 N3=98 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: 52TE19CN485G EAN: 4058352890004	LP number 58532_366
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°	116.4	116.4	116.4	116.4	116.4	116.4	116.4	0.7	0.7
5°	122.3	121.8	120.5	120.1	119.3	118.4	118.1	5.7	6.4
10°	152.3	149.6	141.1	133.1	127.4	124.1	123.2	12.9	19.3
15°	235.7	226.2	196.7	164.2	142.2	133.3	131.4	24.7	44.1
20°	400.4	377.8	306.4	227.1	167.8	143.8	139.7	46.6	90.7
25°	577.7	557.7	476.8	343.4	212.9	153.0	144.3	81.3	172.0
30°	636.1	636.8	610.4	517.3	280.0	157.9	140.6	118.3	290.3
35°	573.7	597.7	662.3	665.7	347.9	155.6	128.2	145.7	436.0
40°	436.2	470.5	613.4	703.5	376.1	144.6	111.4	151.6	587.6
45°	268.7	299.8	459.0	605.2	334.0	122.5	91.2	129.2	716.8
50°	149.1	168.3	276.5	419.8	259.3	97.4	69.0	93.1	809.9
55°	85.3	95.5	151.2	245.9	199.7	79.3	53.1	62.9	872.9
60°	59.3	63.7	88.0	138.5	152.7	65.0	42.1	44.2	917.1
65°	44.9	47.0	60.8	84.9	110.7	51.4	33.0	32.6	949.7
70°	31.7	33.1	42.5	56.3	76.3	38.4	24.7	23.6	973.3
75°	19.0	20.1	26.0	34.9	49.6	26.3	17.0	15.4	988.7
80°	8.8	9.4	12.7	18.2	27.0	15.2	9.8	8.3	997.0
85°	3.4	3.6	4.7	6.8	9.5	5.9	3.7	3.1	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: 52TE19CN485G EAN: 4058352890004	LP number 58532_366
---------------------------------------	--	-------------------------------

siteco

UGR-Table		Standard room									
Room dimensions		View crosswise (C0)					View endwise (C90)				
x	y										
2H	2H	24.7	26.4	25.1	26.7	27.0	23.6	25.2	23.9	25.5	25.8
	3H	24.9	26.3	25.3	26.7	27.0	23.8	25.3	24.2	25.6	26.0
	4H	25.0	26.3	25.3	26.6	27.0	23.9	25.3	24.3	25.6	26.0
	6H	25.0	26.2	25.4	26.6	26.9	23.9	25.2	24.4	25.6	26.0
	8H	25.0	26.1	25.4	26.5	26.9	23.9	25.2	24.3	25.6	26.0
	12H	25.0	26.0	25.4	26.4	26.9	23.9	25.1	24.3	25.5	25.9
4H	2H	25.1	26.5	25.5	26.8	27.2	24.3	25.6	24.7	26.0	26.3
	3H	25.4	26.5	25.8	26.9	27.3	25.0	26.1	25.4	26.5	26.9
	4H	25.5	26.5	25.9	26.9	27.3	25.2	26.3	25.7	26.7	27.1
	6H	25.5	26.4	26.0	26.8	27.3	25.4	26.3	25.8	26.7	27.1
	8H	25.5	26.3	26.0	26.8	27.3	25.4	26.2	25.8	26.6	27.1
	12H	25.5	26.2	26.0	26.7	27.2	25.4	26.1	25.9	26.6	27.1
8H	4H	25.6	26.5	26.1	26.9	27.4	25.4	26.2	25.9	26.7	27.2
	6H	25.7	26.4	26.2	26.9	27.4	25.7	26.4	26.2	26.9	27.4
	8H	25.7	26.3	26.2	26.8	27.3	25.8	26.4	26.3	26.9	27.4
	12H	25.7	26.2	26.3	26.7	27.3	25.9	26.4	26.4	26.9	27.4
12H	4H	25.7	26.4	26.1	26.9	27.4	25.5	26.2	25.9	26.6	27.1
	6H	25.8	26.3	26.3	26.8	27.4	25.8	26.3	26.3	26.8	27.3
	8H	25.8	26.3	26.3	26.8	27.3	25.9	26.4	26.4	26.9	27.4

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°		38737.4	43220.7	66182.8	87255.9	48153.1	17664.4	13147.6
50°		23643.5	26700.5	43860.4	66580.4	41131.3	15451.4	10940.6
55°		15169.1	16974.2	26879.4	43713.9	35495.9	14087.7	9432.0
60°		12090.5	12998.7	17945.7	28234.5	31131.7	13263.6	8585.5
65°		10830.4	11350.0	14668.1	20484.2	26710.8	12393.2	7950.7
70°		9461.5	9864.2	12679.7	16768.1	22754.7	11454.2	7357.8
75°		7486.8	7926.1	10251.8	13754.5	19547.1	10367.6	6693.1
80°		5159.1	5490.3	7453.0	10699.3	15847.8	8934.9	5774.4
85°		4032.3	4206.6	5448.9	7898.4	11168.0	6852.6	4379.7

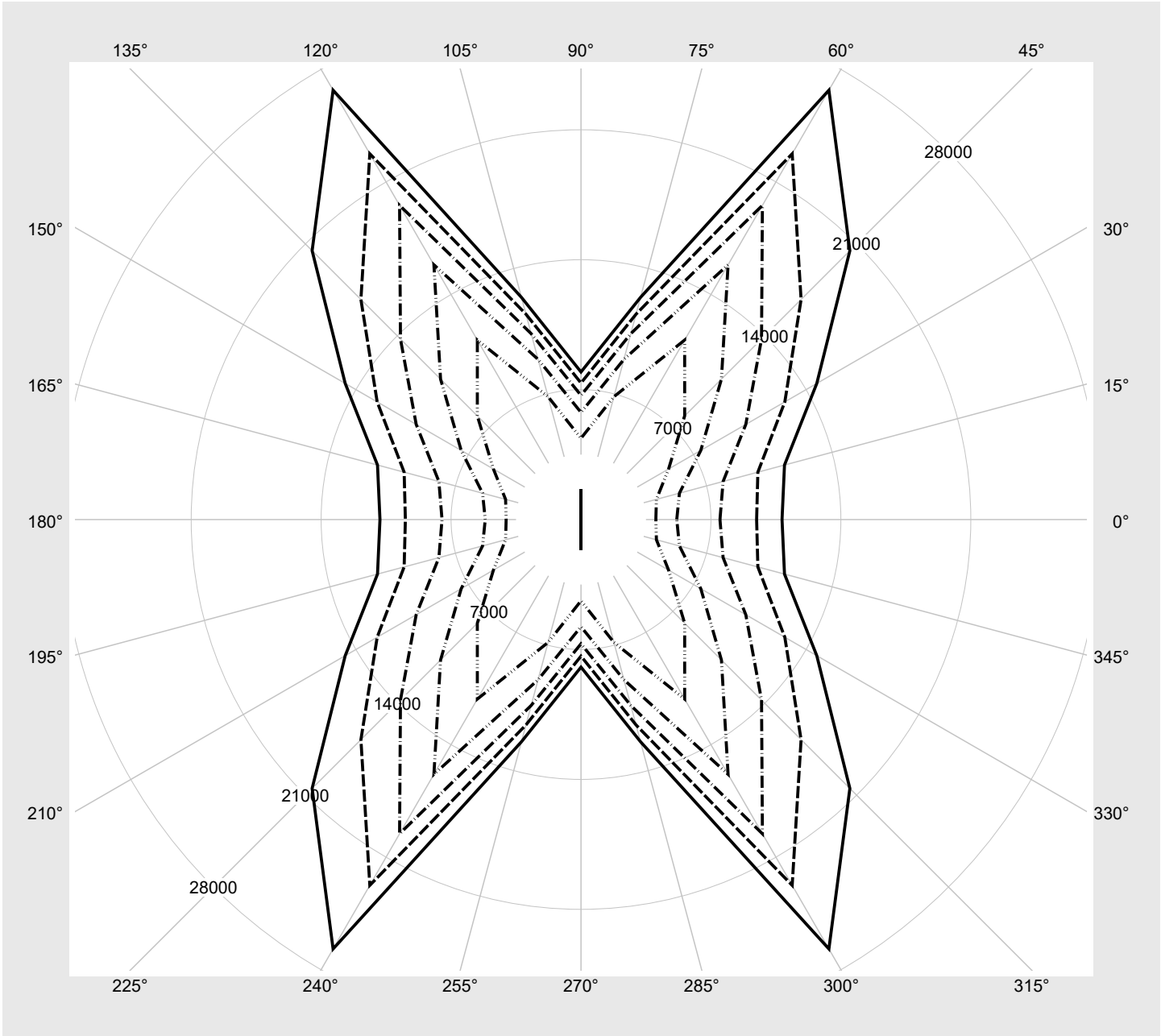
Photometric test report

Family Licross® 21 Recessed	Order number: 52TE19CN485G EAN: 4058352890004	LP number 58532_366
--	--	--------------------------------------

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: 52TE19CN485G EAN: 4058352890004	LP number 58532_366
---------------------------------------	--	--------------------------------------

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

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]	Power consumption [W]	Power consumption [W]
	1	2	3			end of lifetime	average
1	A	C	E	8870	49.9	60.5	55.2
2	A	C	F	8450	47.3	56.9	52.1
3	A	D	E	7946	44.4	53.4	48.9
4	A	D	F	7442	41.4	49.5	45.4
5	B	C	E	6928	38.4	45.6	42.0
6	B	C	F	6414	35.3	42.2	38.8
7	B	D	E	5962	32.8	39.2	36.0
8	B	D	F	5437	29.9	35.3	32.6