
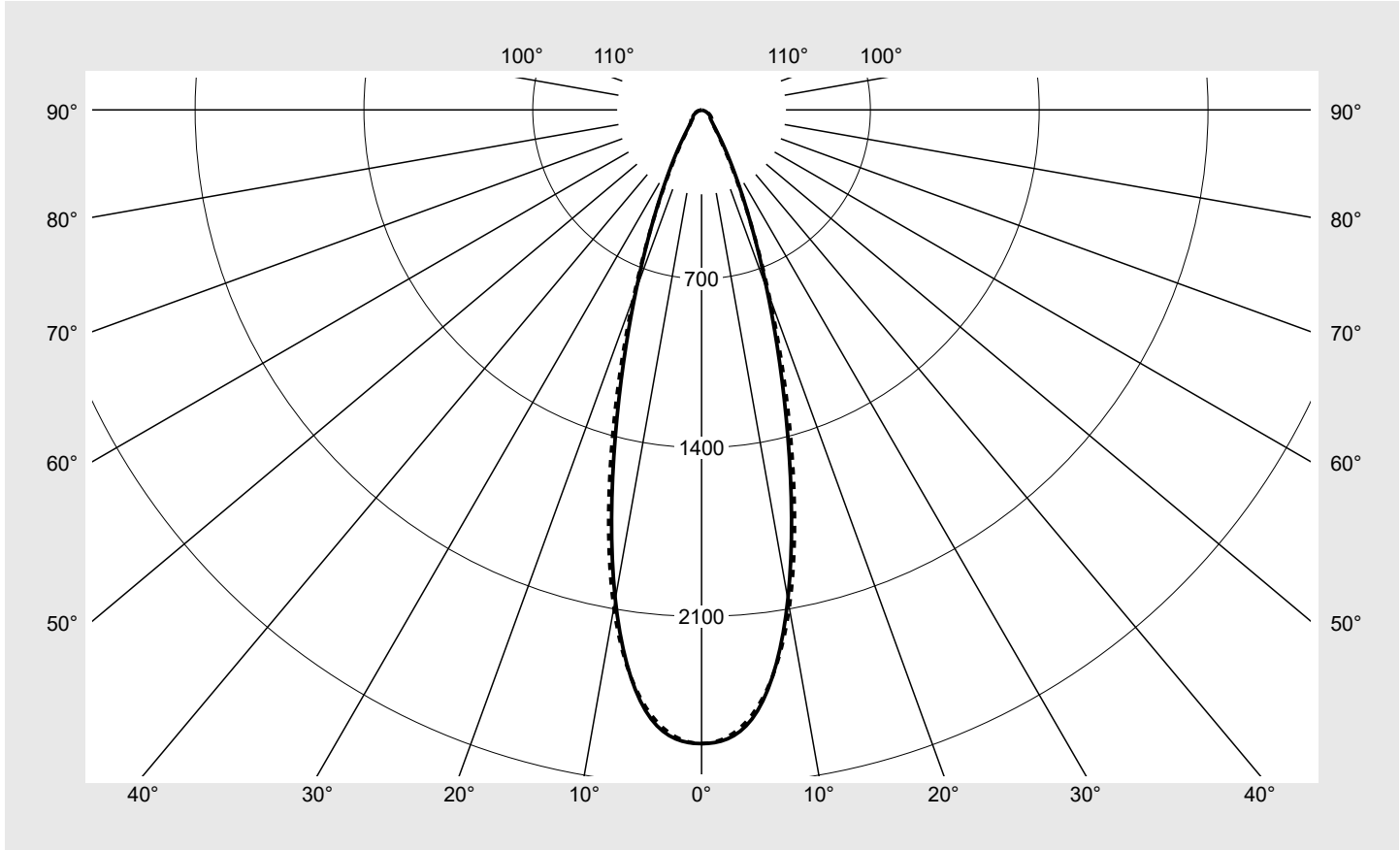


Photometric test report

Family Licross® 21 Recessed	Order number: 52TE117N485G EAN: 4058352889305	LP number 58785_275
	Version cover frosted, narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG Rated values Net luminous flux = 8680 lm Power consumption = 47.9 W Luminous efficacy = 181.2 lm/W	serial documentation 04.08.2023
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 2627 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=89 N2=96 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: 52TE117N485G EAN: 4058352889305	LP number 58785_275
--	--	--------------------------------------

sITeco

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

C-planes	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	Phi-zone	Total Phi-zone
γ									
0°	2627.4	2627.4	2627.4	2627.4	2627.4	2627.4	2627.4	15.7	15.7
5°	2520.2	2503.8	2487.8	2499.1	2508.6	2505.8	2505.2	119.6	135.3
10°	2060.7	2047.7	2044.6	2066.8	2086.2	2092.0	2094.5	196.9	332.2
15°	1373.4	1369.0	1375.7	1399.2	1421.9	1432.7	1437.2	198.7	530.9
20°	791.8	790.8	796.4	808.8	818.0	819.0	819.4	151.2	682.1
25°	418.1	420.5	425.4	427.2	423.4	413.4	409.3	97.4	779.6
30°	215.7	218.7	224.8	222.9	213.7	202.3	197.8	58.9	838.4
35°	112.4	114.3	119.3	116.0	107.4	103.1	102.4	35.0	873.4
40°	70.3	69.7	69.6	67.8	65.2	68.3	71.3	24.2	897.6
45°	52.4	50.5	46.9	47.4	48.4	54.1	61.4	19.6	917.2
50°	46.4	44.6	38.1	38.0	38.3	44.7	54.3	17.8	935.0
55°	42.3	42.2	36.7	33.4	32.3	38.6	47.1	17.1	952.1
60°	32.7	32.9	34.3	30.2	28.0	32.6	38.2	15.3	967.4
65°	23.6	23.8	26.4	25.7	24.0	26.1	29.3	12.6	980.0
70°	15.1	15.6	18.2	19.4	18.6	19.5	20.9	9.4	989.4
75°	8.3	8.7	10.8	13.0	12.9	13.2	13.7	6.1	995.5
80°	4.0	4.1	5.0	6.6	7.3	7.2	7.2	3.2	998.7
85°	1.6	1.6	1.9	2.5	2.6	2.7	2.5	1.2	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: 52TE117N485G EAN: 4058352889305	LP number 58785_275
---------------------------------------	--	-------------------------------

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	14.9	16.0	15.2	16.3	16.6	14.8	15.9	15.2	16.2	16.5
	3H	15.8	16.8	16.2	17.1	17.5	16.2	17.2	16.6	17.5	17.9
	4H	16.0	16.9	16.4	17.3	17.6	16.7	17.6	17.1	18.0	18.3
	6H	16.1	16.9	16.6	17.3	17.7	17.1	17.9	17.5	18.2	18.6
	8H	16.2	16.9	16.7	17.3	17.7	17.2	17.9	17.7	18.3	18.7
	12H	16.2	16.8	16.7	17.2	17.6	17.3	17.9	17.7	18.3	18.7
4H	2H	15.4	16.3	15.8	16.6	17.0	15.3	16.2	15.7	16.6	16.9
	3H	16.5	17.2	16.9	17.6	18.0	16.8	17.6	17.3	18.0	18.4
	4H	16.8	17.4	17.2	17.9	18.3	17.4	18.1	17.9	18.5	19.0
	6H	16.9	17.5	17.4	17.9	18.4	17.9	18.4	18.4	18.9	19.3
	8H	16.9	17.4	17.4	17.9	18.4	18.0	18.5	18.5	18.9	19.4
	12H	17.0	17.4	17.5	17.8	18.3	18.1	18.5	18.6	18.9	19.4
8H	4H	17.0	17.5	17.5	18.0	18.5	17.6	18.1	18.1	18.6	19.1
	6H	17.2	17.6	17.7	18.1	18.6	18.2	18.5	18.7	19.0	19.5
	8H	17.2	17.6	17.7	18.1	18.6	18.3	18.6	18.8	19.1	19.7
	12H	17.3	17.5	17.8	18.1	18.6	18.4	18.7	18.9	19.2	19.7
12H	4H	17.1	17.5	17.6	17.9	18.4	17.7	18.0	18.2	18.5	19.0
	6H	17.3	17.6	17.8	18.1	18.6	18.2	18.5	18.7	19.0	19.5
	8H	17.3	17.6	17.8	18.1	18.6	18.3	18.6	18.9	19.1	19.7

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°		7398.8	7121.1	6615.6	6682.5	6824.0	7639.7	8662.6	
50°		7206.6	6924.9	5907.2	5903.7	5941.6	6943.4	8423.0	
55°		7363.7	7343.0	6383.2	5804.3	5625.0	6715.8	8185.1	
60°		6521.8	6561.7	6843.0	6029.1	5582.3	6495.2	7621.2	
65°		5561.0	5623.1	6232.2	6075.9	5668.9	6160.2	6906.2	
70°		4407.4	4542.5	5323.4	5647.5	5437.4	5689.5	6098.5	
75°		3211.1	3360.6	4160.9	5012.4	4980.4	5079.5	5275.3	
80°		2270.6	2351.6	2888.3	3784.6	4187.3	4117.2	4152.3	
85°		1852.2	1878.5	2192.2	2842.4	3003.8	3073.6	2817.2	

Photometric test report

Family Licross® 21 Recessed	Order number: 52TE117N485G EAN: 4058352889305	LP number 58785_275
--	--	--------------------------------------

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

siteco

