Photometric test report

Family
Licross® 21 Recessed

Order number: 52TE11DV4DXG
EAN: 4058352889404

Version	cover frosted, narrow distribution
Lamps	LED 4000 K | CRI ≥ 80
Controlgear	ECG-DALI
Rated values	Net luminous flux = 13000 lm Power consumption = 72.2 W Luminous efficacy = 180 lm/W

LP number
58785_263

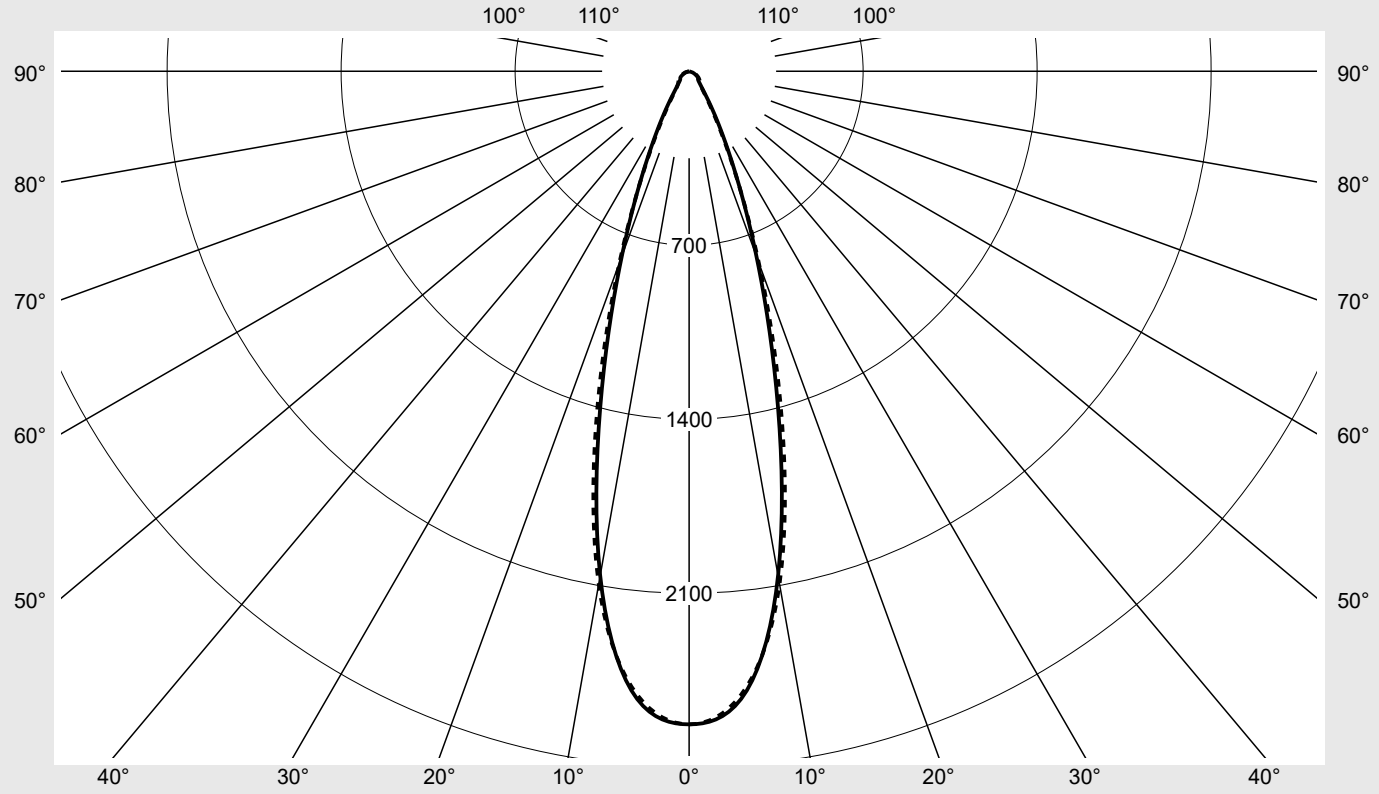
serial documentation
02.08.2023

siteco

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

ηLB	100.0%
ϕ_u	100.0%
ϕ_o	0.0%

Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family	Order number: 52TE11DV4DXG	LP number
Licross® 21 Recessed	EAN: 4058352889404	58785_263

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	Luminous intensity in cd/klm							Luminous flux in lm/klm	
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	Order number: 52TE11DV4DXG	LP number
Licross® 21 Recessed	EAN: 4058352889404	58785_263

siteco

UGR-Table

Standard room

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	15.1	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	16.5	17.3	17.7	17.1	17.8	17.5	18.2	18.6
	8H	16.2	16.9	16.6	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	18.2	18.7
4H	2H	15.4	16.3	15.8	16.6	17.0	15.3	16.2	15.7	16.5	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	18.4	17.6	18.1	18.1	18.6	19.1
	6H	17.2	17.6	17.7	18.1	18.6	18.1	18.5	18.6	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	18.0	18.6	18.4	18.7	18.9	19.2	19.7
12H	4H	17.1	17.4	17.6	17.9	18.4	17.7	18.0	18.1	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 $\gamma >= 65°$

Photometric dimensions in mm: L = 2250, B = 58

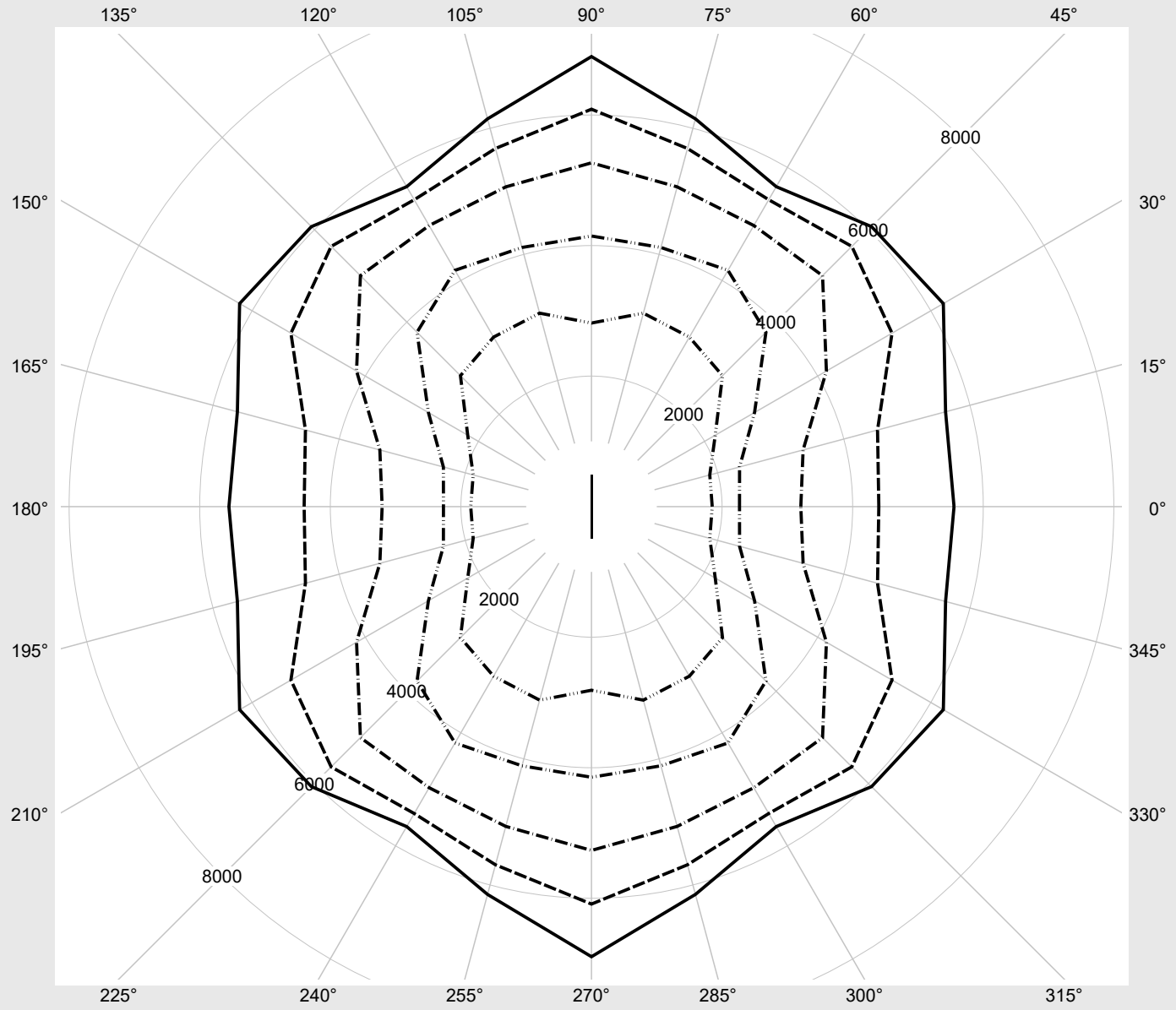
C-planes	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
γ	Luminance in cd/m²						
45°	7387.4	7110.2	6605.4	6672.2	6813.5	7627.9	8649.3
50°	7195.6	6914.3	5898.1	5894.7	5932.5	6932.7	8410.1
55°	7352.4	7331.8	6373.4	5795.4	5616.4	6705.5	8172.5
60°	6511.8	6551.6	6832.5	6019.8	5573.8	6485.3	7609.5
65°	5552.5	5614.5	6222.6	6066.6	5660.2	6150.7	6895.6
70°	4400.7	4535.5	5315.2	5638.8	5429.1	5680.7	6089.1
75°	3206.1	3355.5	4154.5	5004.7	4972.8	5071.7	5267.2
80°	2267.1	2348.0	2883.8	3778.8	4180.9	4110.9	4145.9
85°	1849.3	1875.6	2188.8	2838.0	2999.2	3068.9	2812.9

Photometric test report

Family	Order number: 52TE11DV4DXG	LP number
Licross® 21 Recessed	**EAN: 4058352889404**	**58785_263**

Luminance values in cd/m²

γ 65° γ 70° γ 75° γ 80° γ 85°



Photometric test report

Family
Licross® 21 Recessed

Order number: 52TE11DV4DXG
EAN: 4058352889404

LP number
58785_263

siteco

Dimming levels table

environmental temperature: 25°C

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	13000	72.2
95	240	252	12332	68.3
90	227	250	11707	64.5
85	213	248	11029	60.6
80	200	245	10394	57.0
75	187	243	9753	53.3
70	174	240	9108	49.7
65	161	237	8459	46.1
60	148	234	7801	42.4
55	135	231	7138	38.9
50	123	227	6521	35.6
45	110	223	5848	32.1
40	98	219	5224	28.8
35	85	214	4543	25.3
30	73	208	3909	22.0
25	61	202	3272	18.6
20	48	193	2576	14.9
15	36	182	1930	11.3
10	24	168	1285	7.5
5	12	142	632	3.7
2	5	110	247	1.5