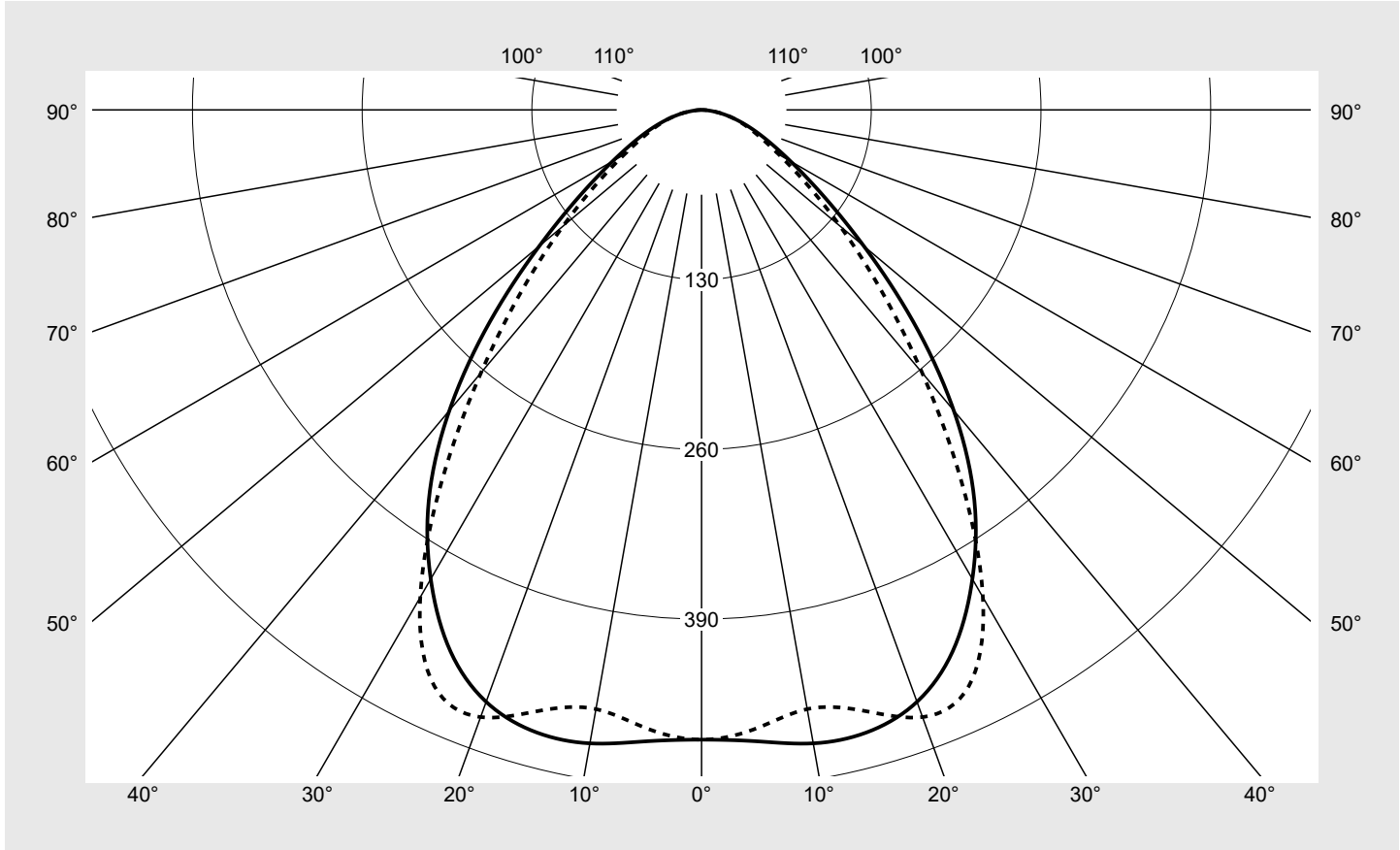


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DV455G EAN: 4058352948279	LP number 58637_159
	Version cover frosted, wide distribution, high visual comfort Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 5700 lm Power consumption = 29.1 W Luminous efficacy = 195.9 lm/W	serial documentation 19.09.2023



Luminous intensity in cd/klm C180-0 C270-90 **Imax: 498 cd/klm**




Classifications	
DIN 5040	A 5 0
CIE	N1=67 N2=92 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: 51TL12DV455G EAN: 4058352948279	LP number 58637_159
Table of values for luminous intensities		
Maximum luminous intensity		

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°	482.3	482.3	482.3	482.3	482.3	482.3	482.3	2.9	2.9
5°	485.4	482.8	478.2	477.5	477.4	475.9	475.7	22.9	25.8
10°	492.7	488.2	477.9	471.3	467.6	465.9	466.0	45.2	71.0
15°	493.2	486.1	471.9	467.9	471.0	473.7	476.3	67.5	138.5
20°	482.5	473.5	462.5	471.9	487.1	492.8	494.9	89.9	228.4
25°	456.4	447.1	449.2	479.4	497.6	491.1	485.8	109.5	337.8
30°	414.9	406.8	427.0	475.1	479.0	447.1	431.1	121.4	459.2
35°	364.2	358.0	387.7	436.7	420.7	368.9	346.8	122.0	581.2
40°	300.5	296.3	322.5	357.9	336.0	284.8	262.9	110.4	691.6
45°	229.2	226.3	238.5	259.8	247.2	211.8	193.4	90.1	781.7
50°	162.3	159.3	161.6	173.6	174.5	155.2	138.5	68.2	849.9
55°	112.5	108.0	105.1	112.3	121.6	110.9	97.2	49.6	899.5
60°	78.7	73.1	68.3	73.1	83.7	77.4	68.5	35.5	935.0
65°	56.0	50.2	45.0	48.4	56.8	54.5	49.6	25.5	960.5
70°	39.5	34.5	29.5	32.1	37.8	38.5	36.6	18.1	978.6
75°	26.0	22.0	18.4	20.2	23.9	25.9	25.8	12.0	990.6
80°	14.9	12.2	9.9	10.8	13.0	14.8	15.3	6.8	997.4
85°	5.4	4.3	3.6	4.0	4.7	5.6	5.8	2.5	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: 51TL12DV455G EAN: 4058352948279	LP number 58637_159
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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	19.3	20.7	19.6	21.1	21.4	19.4	20.8	19.7	21.2	21.5
	3H	19.8	21.1	20.2	21.4	21.8	19.9	21.2	20.3	21.6	21.9
	4H	20.0	21.2	20.4	21.6	22.0	20.1	21.4	20.5	21.7	22.1
	6H	20.2	21.3	20.6	21.7	22.1	20.3	21.5	20.8	21.8	22.2
	8H	20.3	21.3	20.7	21.7	22.1	20.5	21.5	20.9	21.9	22.3
	12H	20.3	21.3	20.7	21.7	22.1	20.5	21.4	20.9	21.8	22.2
4H	2H	19.5	20.7	19.9	21.1	21.4	19.6	20.8	20.0	21.2	21.5
	3H	20.1	21.1	20.5	21.5	21.9	20.3	21.3	20.7	21.7	22.1
	4H	20.4	21.3	20.8	21.7	22.1	20.6	21.5	21.1	22.0	22.4
	6H	20.6	21.4	21.1	21.8	22.3	20.9	21.7	21.4	22.1	22.6
	8H	20.7	21.4	21.2	21.8	22.3	21.0	21.7	21.5	22.2	22.6
	12H	20.7	21.4	21.2	21.8	22.3	21.1	21.7	21.6	22.2	22.7
8H	4H	20.4	21.2	20.9	21.6	22.1	20.7	21.4	21.1	21.8	22.3
	6H	20.7	21.3	21.2	21.8	22.3	21.0	21.6	21.5	22.1	22.6
	8H	20.8	21.3	21.3	21.8	22.3	21.1	21.7	21.6	22.1	22.7
	12H	20.9	21.3	21.4	21.8	22.3	21.2	21.7	21.8	22.2	22.7
12H	4H	20.5	21.1	20.9	21.5	22.0	20.7	21.3	21.2	21.8	22.3
	6H	20.7	21.2	21.2	21.7	22.2	21.0	21.5	21.5	22.0	22.5
	8H	20.8	21.2	21.3	21.7	22.3	21.2	21.6	21.7	22.1	22.6

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°		14154.8	13978.9	14732.7	16047.1	15267.4	13085.4	11943.5	
50°		11028.5	10827.3	10981.0	11798.9	11859.7	10548.4	9411.8	
55°		8565.6	8223.2	8004.2	8555.0	9263.1	8448.6	7400.2	
60°		6875.8	6389.3	5968.5	6388.6	7307.8	6758.4	5979.5	
65°		5791.2	5184.0	4653.8	5005.9	5871.2	5632.5	5130.4	
70°		5042.6	4403.6	3769.5	4099.0	4825.1	4918.9	4678.1	
75°		4381.8	3716.8	3110.7	3408.1	4028.0	4375.3	4351.6	
80°		3738.3	3063.2	2485.1	2721.1	3258.4	3733.2	3853.5	
85°		2681.2	2169.0	1797.1	1997.1	2363.9	2788.9	2905.2	

Photometric test report

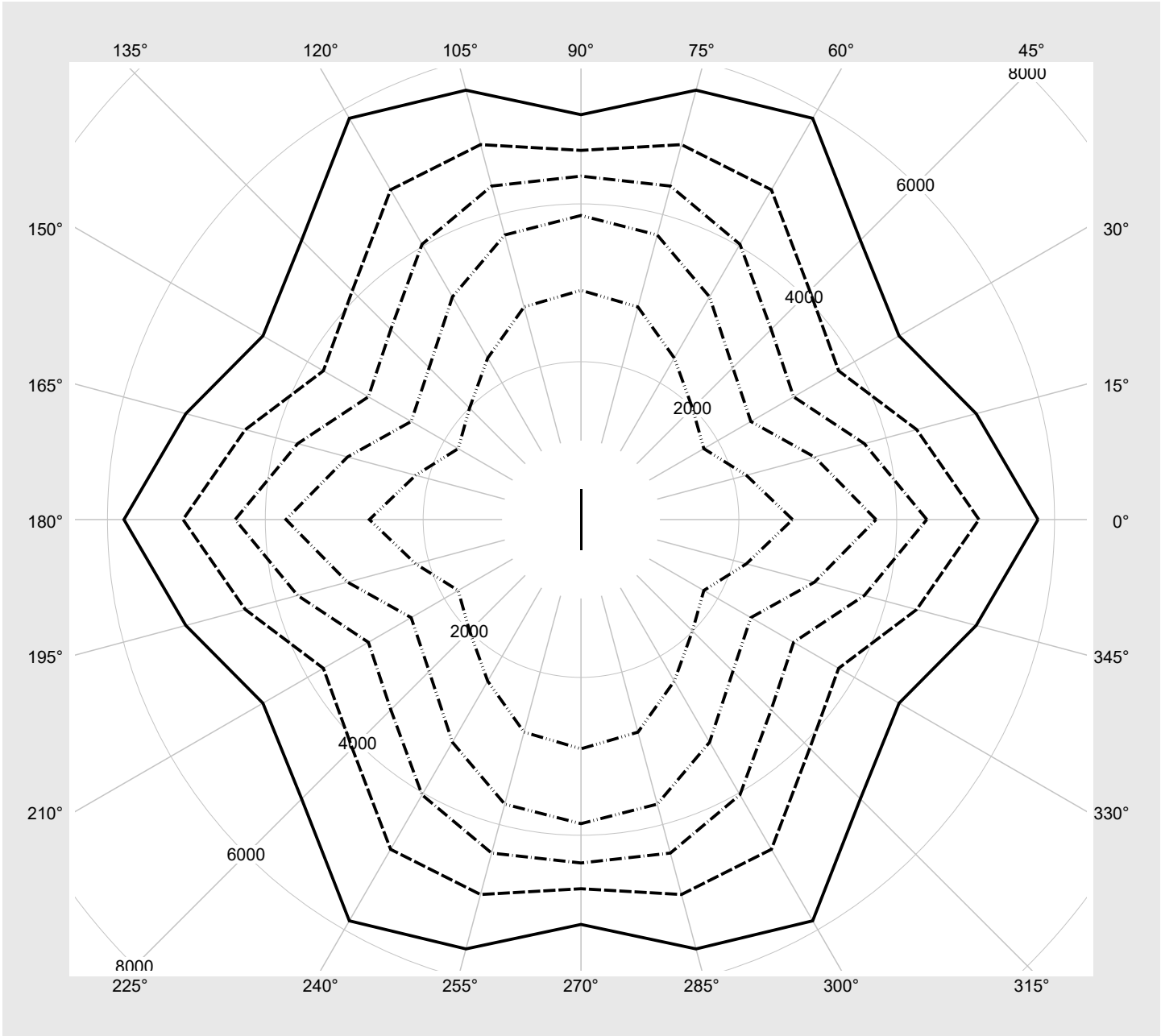
Family
Licross® 11 Recessed

Order number: 51TL12DV455G
EAN: 4058352948279

LP number
58637_159

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DV455G EAN: 4058352948279	LP number 58637_159
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Dimming levels table	environmental temperature: 25°C	sITeco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	5700	29.1
95	241	252	5417	27.7
90	228	250	5132	26.2
85	215	248	4848	24.8
80	202	246	4562	23.4
75	189	243	4275	22.0
70	176	241	3983	20.5
65	164	238	3716	19.2
60	151	235	3426	17.7
55	138	232	3136	16.3
50	125	228	2845	15.0
45	113	224	2574	13.6
40	100	220	2281	12.2
35	87	215	1986	10.7
30	75	209	1713	9.5
25	62	202	1417	8.1
20	50	194	1138	6.7
15	38	184	863	5.2
10	25	169	564	3.7
9	24	168	541	3.5