
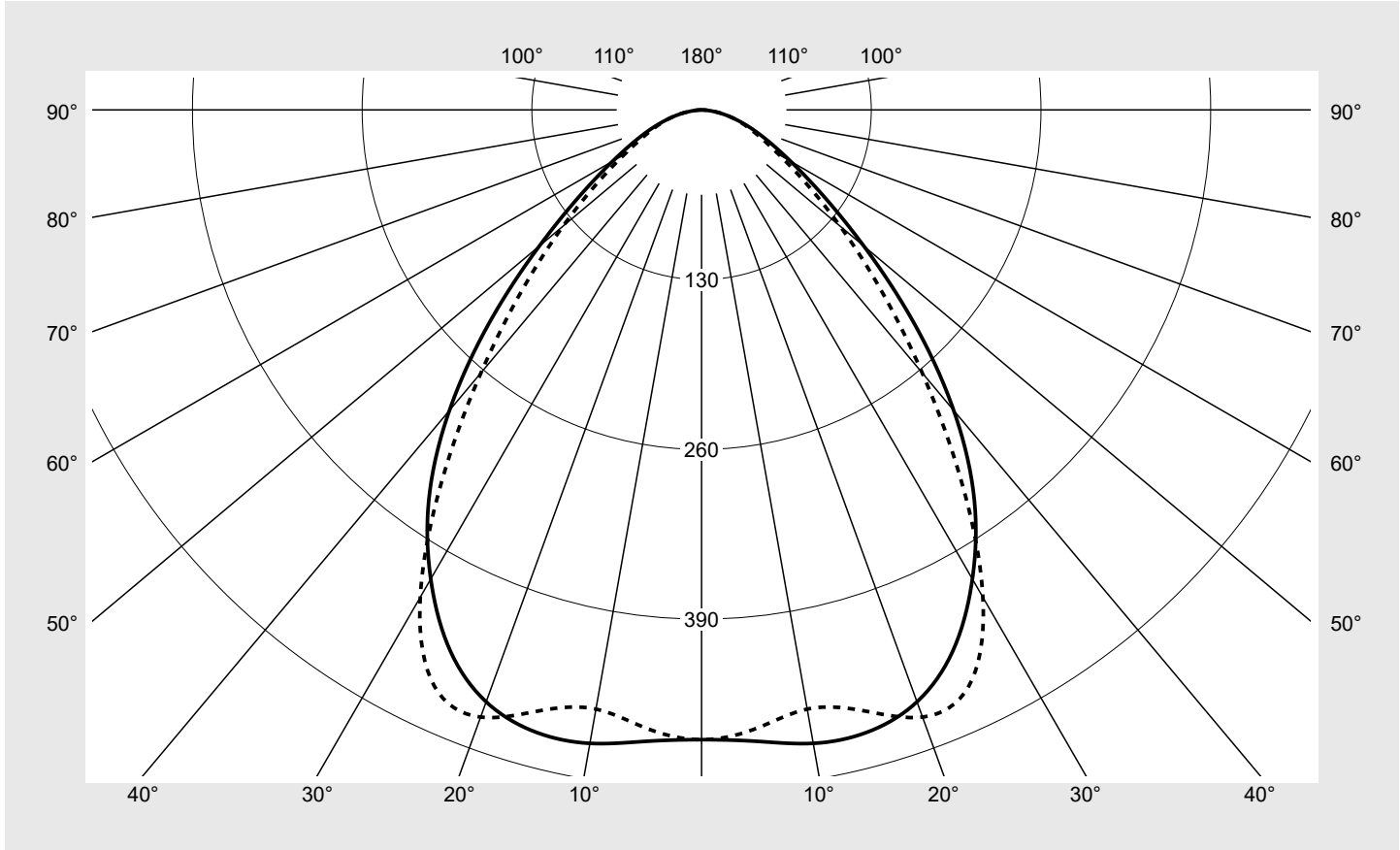


Photometric test report

Family Licross® 11 Recessed	Order number: 51TE12DV475GD EAN: 4069025567932	LP number 58637_169
	Version cover frosted, wide distribution, high visual comfort Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI Setting AC-mode Rated values Net luminous flux = 7640 lm Power consumption = 40.1 W Luminous efficacy = 190.5 lm/W	serial documentation 04.10.2023 

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: 51TE12DV475GD EAN: 4069025567932	LP number 58637_169
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°	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: 51TE12DV475GD EAN: 4069025567932	LP number 58637_169
---------------------------------------	---	-------------------------------

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	20.3	21.8	20.6	22.1	22.4	20.4	21.9	20.7	22.2	22.5
	3H	20.8	22.1	21.2	22.5	22.8	20.9	22.2	21.3	22.6	22.9
	4H	21.0	22.3	21.4	22.6	23.0	21.2	22.4	21.6	22.7	23.1
	6H	21.2	22.3	21.6	22.7	23.1	21.4	22.5	21.8	22.9	23.2
	8H	21.3	22.3	21.7	22.7	23.1	21.5	22.5	21.9	22.9	23.3
	12H	21.3	22.3	21.8	22.7	23.1	21.5	22.5	21.9	22.8	23.3
4H	2H	20.5	21.7	20.9	22.1	22.5	20.6	21.8	21.0	22.2	22.6
	3H	21.1	22.1	21.5	22.5	22.9	21.3	22.3	21.7	22.7	23.1
	4H	21.4	22.3	21.8	22.7	23.2	21.6	22.6	22.1	23.0	23.4
	6H	21.6	22.4	22.1	22.8	23.3	21.9	22.7	22.4	23.1	23.6
	8H	21.7	22.4	22.2	22.9	23.3	22.0	22.7	22.5	23.2	23.7
	12H	21.8	22.4	22.3	22.8	23.3	22.1	22.7	22.6	23.2	23.7
8H	4H	21.5	22.2	21.9	22.6	23.1	21.7	22.4	22.2	22.9	23.3
	6H	21.7	22.3	22.2	22.8	23.3	22.0	22.6	22.5	23.1	23.6
	8H	21.8	22.3	22.3	22.8	23.3	22.2	22.7	22.7	23.2	23.7
	12H	21.9	22.3	22.4	22.8	23.4	22.3	22.7	22.8	23.2	23.7
12H	4H	21.5	22.1	22.0	22.6	23.0	21.7	22.3	22.2	22.8	23.3
	6H	21.7	22.2	22.2	22.7	23.2	22.0	22.5	22.6	23.0	23.6
	8H	21.8	22.3	22.4	22.8	23.3	22.2	22.6	22.7	23.1	23.7

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 2250 B = 58
------------------------	---	--------------------------------------	----------------------------------

C-planes	γ	0° 180°	15°	30°	45°	60°	75°	90° 270°
			165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°	
Luminance in cd/m²								
45°		18972.4	18736.7	19747.0	21508.8	20463.7	17539.0	16008.4
50°		14782.1	14512.4	14718.5	15814.7	15896.1	14138.6	12615.1
55°		11480.9	11022.0	10728.4	11466.7	12415.8	11324.1	9918.9
60°		9216.0	8563.9	7999.9	8563.0	9795.0	9058.6	8014.7
65°		7762.2	6948.4	6237.7	6709.7	7869.4	7549.6	6876.5
70°		6758.9	5902.3	5052.5	5494.1	6467.4	6593.0	6270.4
75°		5873.2	4981.8	4169.5	4568.0	5398.9	5864.4	5832.7
80°		5010.6	4105.7	3331.0	3647.2	4367.3	5003.9	5165.0
85°		3593.7	2907.2	2408.8	2676.8	3168.5	3738.1	3893.9

Photometric test report

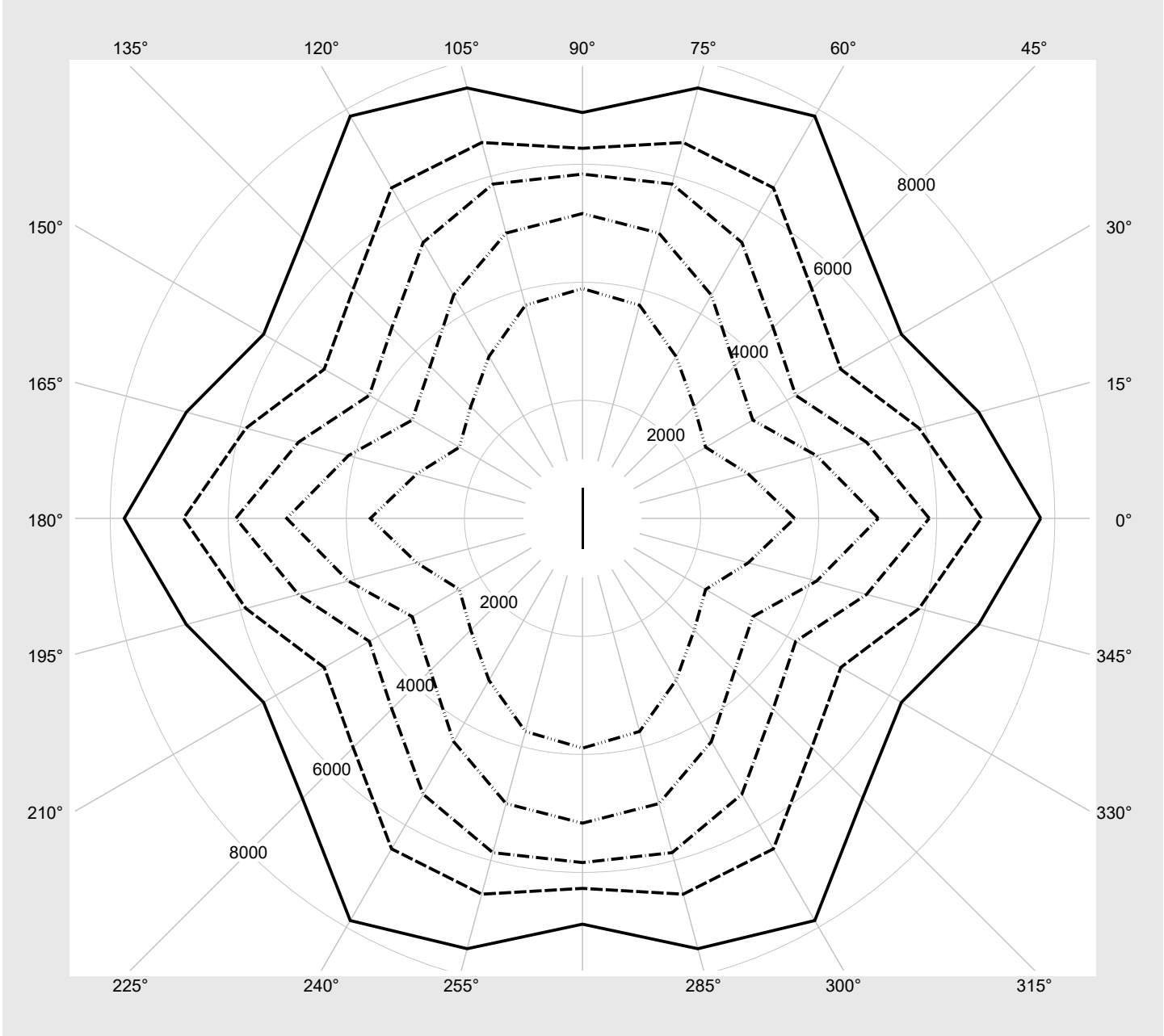
Family
Licross® 11 Recessed

Order number: 51TE12DV475GD
EAN: 4069025567932

LP number
58637_169

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



Photometric test report

Family Licross® 11 Recessed	Order number: 51TE12DV475GD EAN: 4069025567932	LP number 58637_169
---------------------------------------	---	--------------------------------------

Dimming levels table	environmental temperature: 25°C	sITeco
-----------------------------	---------------------------------	---------------

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	7640	40.1
95	241	252	7265	38.1
90	228	250	6887	36.2
85	215	248	6505	34.2
80	202	246	6124	32.2
75	189	243	5743	30.2
70	176	241	5359	28.2
65	163	238	4974	26.2
60	150	235	4587	24.1
55	137	231	4198	22.1
50	125	228	3834	20.3
45	112	224	3442	18.4
40	99	219	3048	16.7
35	87	215	2683	15.2
30	74	209	2286	13.5
25	62	202	1918	11.8
20	49	194	1517	9.6
15	37	183	1141	7.0
10	25	169	768	4.0
7	18	157	550	2.7