

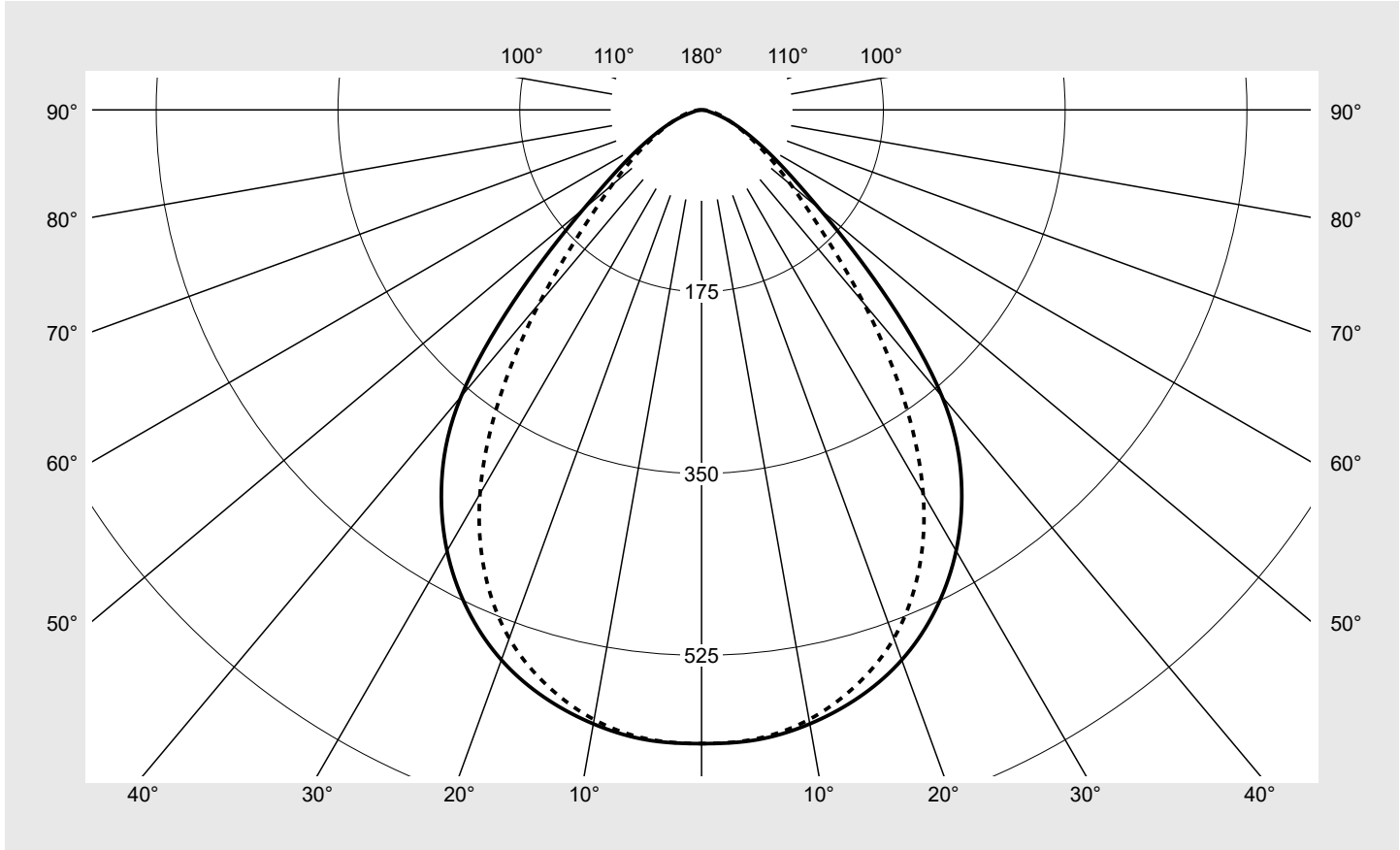


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL1WDV5M2M EAN: 4069025448156	LP number 59521_69
	Version cover frosted, wide distribution Lamps LED 5000 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 27040 lm Power consumption = 150.5 W Luminous efficacy = 179.7 lm/W	serial documentation 16.05.2025
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 610 cd/klm**



Classifications	
DIN 5040	A 5 0
CIE	N1=73 N2=94 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: 51TL1WDV5M2M EAN: 4069025448156	LP number 59521_69
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°	610.0	610.0	610.0	610.0	610.0	610.0	610.0	3.6	3.6
5°	608.6	607.6	603.5	605.7	607.8	607.2	607.6	29.0	32.6
10°	600.1	600.0	594.9	595.9	596.5	595.2	595.9	56.8	89.4
15°	585.3	585.9	578.8	577.8	576.6	573.9	573.7	82.1	171.5
20°	563.4	563.9	554.9	550.2	546.3	542.2	541.3	103.4	275.0
25°	531.8	531.9	519.6	510.4	502.3	495.0	493.0	118.6	393.5
30°	490.1	489.9	473.2	457.8	443.0	430.6	426.6	125.7	519.3
35°	436.1	434.9	413.9	389.9	365.2	345.5	339.2	122.5	641.7
40°	360.2	357.4	334.2	303.1	273.1	250.6	243.1	106.9	748.6
45°	245.6	242.6	226.1	203.9	182.4	166.8	161.9	79.2	827.8
50°	148.2	149.1	145.2	133.7	122.4	114.2	112.6	55.6	883.4
55°	94.6	95.2	94.9	92.6	85.9	79.9	79.2	40.1	923.5
60°	61.8	62.8	63.1	63.8	60.6	55.1	54.9	28.8	952.3
65°	39.8	41.1	42.4	42.8	42.4	38.1	37.8	20.3	972.6
70°	23.6	24.8	26.8	28.2	28.2	26.4	25.7	13.6	986.2
75°	10.5	11.2	13.0	16.6	16.9	18.1	17.0	7.9	994.2
80°	5.4	5.5	5.6	6.4	8.9	11.0	9.8	4.1	998.2
85°	2.7	2.8	2.9	2.9	2.8	4.7	4.7	1.8	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
175°	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: 51TL1WDV5M2M EAN: 4069025448156	LP number 59521_69
---------------------------------------	--	------------------------------

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	24.5	25.9	24.8	26.2	26.5	23.2	24.6	23.6	24.9	25.2
	3H	24.7	26.0	25.1	26.3	26.7	23.6	24.9	24.0	25.2	25.6
	4H	24.8	25.9	25.2	26.3	26.6	23.8	25.0	24.2	25.3	25.7
	6H	24.8	25.8	25.2	26.2	26.6	23.9	25.0	24.3	25.4	25.7
	8H	24.8	25.7	25.2	26.1	26.5	24.0	25.0	24.4	25.4	25.8
	12H	24.8	25.7	25.2	26.1	26.5	24.0	24.9	24.5	25.3	25.7
4H	2H	24.6	25.8	25.0	26.1	26.5	23.5	24.6	23.9	25.0	25.4
	3H	25.0	25.9	25.4	26.3	26.7	24.0	25.0	24.5	25.4	25.8
	4H	25.0	25.9	25.4	26.3	26.7	24.3	25.1	24.7	25.6	26.0
	6H	25.0	25.7	25.5	26.2	26.6	24.5	25.2	25.0	25.7	26.1
	8H	25.0	25.7	25.5	26.1	26.6	24.6	25.2	25.0	25.7	26.2
	12H	25.0	25.6	25.5	26.0	26.5	24.6	25.2	25.1	25.7	26.2
8H	4H	25.0	25.7	25.5	26.1	26.6	24.3	25.0	24.8	25.4	25.9
	6H	25.0	25.6	25.5	26.0	26.5	24.6	25.1	25.1	25.6	26.1
	8H	25.0	25.5	25.5	26.0	26.5	24.7	25.2	25.2	25.7	26.2
	12H	25.0	25.4	25.6	25.9	26.5	24.8	25.2	25.3	25.7	26.2
12H	4H	25.0	25.6	25.5	26.1	26.5	24.3	24.9	24.8	25.4	25.9
	6H	25.0	25.5	25.5	26.0	26.5	24.6	25.0	25.1	25.5	26.0
	8H	25.0	25.4	25.5	25.9	26.5	24.7	25.1	25.2	25.6	26.1

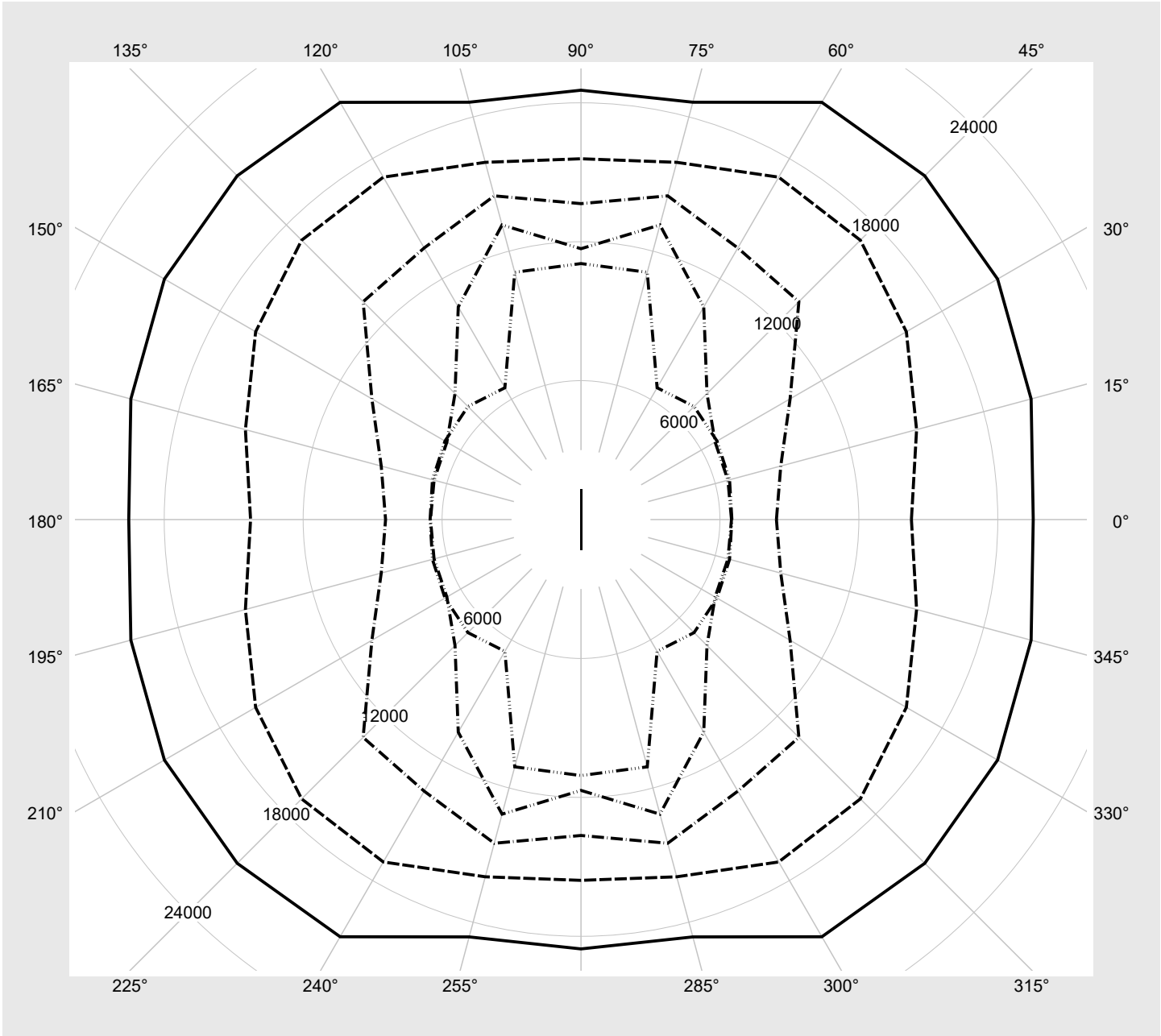
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 2250 B = 58
------------------------	---	--------------------------------------	----------------------------------

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°		71977.7	71102.4	66245.7	59758.4	53442.7	48888.1	47436.2
50°		47757.2	48066.7	46798.2	43097.6	39452.5	36799.6	36293.5
55°		34161.0	34387.2	34292.1	33441.4	31021.0	28856.8	28609.4
60°		25596.2	26006.1	26166.4	26450.3	25096.0	22845.8	22756.7
65°		19531.9	20126.7	20775.3	20996.4	20807.2	18661.7	18544.5
70°		14270.7	15005.0	16225.7	17063.0	17076.9	15973.7	15583.5
75°		8440.4	8932.0	10428.2	13307.1	13545.7	14474.3	13644.9
80°		6499.6	6570.0	6689.3	7695.2	10601.9	13173.3	11698.5
85°		6516.4	6642.4	6782.7	6906.3	6573.5	11057.2	11057.2

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL1WDV5M2M EAN: 4069025448156	LP number 59521_69
--	--	-------------------------------------

Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



Photometric test report

Family Licross® 11 Recessed	Order number: 51TL1WDV5M2M EAN: 4069025448156	LP number 59521_69
---------------------------------------	--	-------------------------------------

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	27040	150.5
95	240	252	25662	141.7
90	226	250	24319	133.0
85	212	247	22941	124.4
80	199	245	21642	116.4
75	186	243	20329	108.5
70	172	240	18897	100.2
65	159	237	17554	92.6
60	146	234	16196	85.0
55	133	230	14829	77.5
50	121	227	13556	70.7
45	108	223	12162	63.2
40	96	218	10860	56.4
35	83	213	9434	49.0
30	71	207	8103	42.2
25	59	201	6758	35.3
20	47	192	5405	28.6
15	35	181	4036	21.7
10	23	166	2654	14.6
5	12	142	1379	7.9
2	4	102	442	2.8