
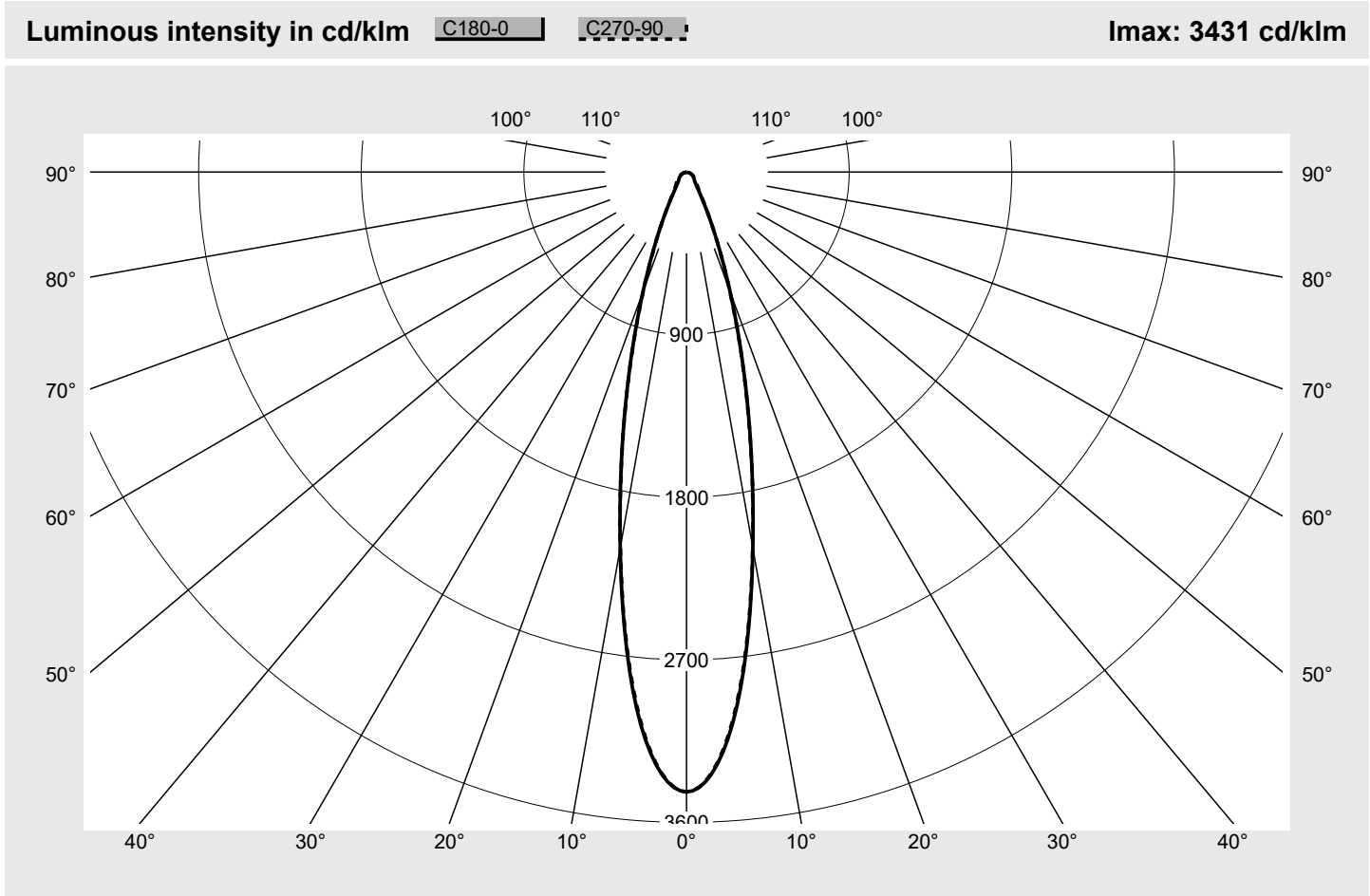


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL11DN4DXRD EAN: 4058352418116	LP number 58784_13
	Version cover frosted, narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI Setting DC mode (central or group accumulator) initial emergency light level Rated values Net luminous flux = 2080 lm Power consumption = 13.3 W Luminous efficacy = 156.4 lm/W	serial documentation 26.08.2020
		



Classifications	
DIN 5040	A 7 0
CIE	N1=87 N2=95 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: 51TL11DN4DXRD EAN: 4058352418116	LP number 58784_13
--	---	-------------------------------------

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°	3431.3	3431.3	3431.3	3431.3	3431.3	3431.3	3431.3	20.5	20.5
5°	3030.0	3009.9	2995.2	3008.4	3015.8	3015.7	3017.5	143.9	164.4
10°	2113.5	2098.5	2092.1	2104.8	2111.9	2109.7	2109.2	200.3	364.7
15°	1287.2	1281.7	1283.9	1294.7	1294.7	1286.2	1283.2	182.7	547.4
20°	703.4	705.4	717.6	726.5	719.3	702.5	697.3	133.5	680.9
25°	354.0	358.8	370.9	376.0	367.5	355.6	354.0	84.3	765.2
30°	176.2	179.2	185.6	185.7	179.6	178.8	183.6	49.7	814.9
35°	102.4	102.6	103.9	102.5	99.6	107.7	116.7	32.8	847.7
40°	73.1	72.4	71.7	70.6	70.7	80.9	90.2	26.3	874.0
45°	60.7	58.7	57.0	56.9	57.9	66.7	75.5	23.6	897.6
50°	52.7	51.5	51.2	50.6	50.0	56.0	63.2	22.2	919.8
55°	44.8	43.4	45.4	45.0	43.0	46.3	51.7	20.3	940.1
60°	37.3	36.1	38.2	39.8	37.2	38.0	41.8	18.1	958.2
65°	29.8	28.9	31.0	34.0	31.7	30.7	33.0	15.5	973.8
70°	21.9	21.7	22.9	26.9	25.3	23.3	24.3	12.3	986.1
75°	12.2	12.7	14.5	18.5	17.7	15.7	16.0	8.2	994.3
80°	5.5	5.6	6.4	9.0	10.0	8.8	8.6	4.2	998.5
85°	2.2	2.1	2.4	3.2	3.5	3.4	3.0	1.6	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: 51TL11DN4DXRD EAN: 4058352418116	LP number 58784_13
---------------------------------------	---	------------------------------

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	10.6	11.7	10.9	12.0	12.3	10.9	12.1	11.3	12.4	12.7
	3H	11.9	12.9	12.3	13.2	13.6	12.3	13.3	12.7	13.7	14.0
	4H	12.3	13.2	12.7	13.5	13.9	12.8	13.8	13.2	14.1	14.5
	6H	12.4	13.3	12.8	13.6	14.0	13.2	14.0	13.6	14.4	14.8
	8H	12.5	13.2	13.0	13.6	14.0	13.4	14.0	13.8	14.4	14.8
	12H	12.5	13.2	13.0	13.6	14.0	13.4	14.0	13.8	14.4	14.8
4H	2H	11.3	12.2	11.7	12.6	12.9	11.6	12.5	12.0	12.9	13.2
	3H	12.8	13.5	13.2	13.9	14.3	13.2	13.9	13.6	14.3	14.8
	4H	13.2	13.9	13.7	14.3	14.7	13.8	14.5	14.2	14.9	15.3
	6H	13.4	14.0	13.9	14.4	14.9	14.2	14.8	14.7	15.2	15.7
	8H	13.5	14.0	13.9	14.4	14.9	14.3	14.8	14.8	15.3	15.8
	12H	13.5	13.9	14.0	14.4	14.9	14.4	14.8	14.9	15.3	15.8
8H	4H	13.6	14.1	14.0	14.5	15.0	14.1	14.6	14.6	15.0	15.5
	6H	13.8	14.2	14.3	14.7	15.2	14.6	15.0	15.1	15.5	16.0
	8H	13.8	14.2	14.3	14.7	15.2	14.7	15.1	15.3	15.6	16.1
	12H	13.8	14.2	14.4	14.7	15.2	14.8	15.1	15.4	15.7	16.2
12H	4H	13.6	14.0	14.1	14.5	15.0	14.1	14.5	14.5	15.0	15.5
	6H	13.8	14.2	14.3	14.7	15.2	14.6	14.9	15.1	15.4	16.0
	8H	13.9	14.2	14.4	14.7	15.2	14.8	15.1	15.3	15.6	16.1

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°		2052.8	1985.5	1928.4	1923.2	1957.5	2254.4	2554.1		
50°		1961.9	1916.5	1906.1	1883.0	1858.5	2083.4	2351.2		
55°		1869.2	1810.7	1893.5	1876.5	1793.3	1931.6	2154.1		
60°		1783.4	1725.2	1824.9	1902.2	1780.4	1817.1	2000.6		
65°		1684.9	1636.8	1753.3	1920.9	1795.8	1738.5	1866.3		
70°		1528.6	1515.6	1599.9	1877.3	1768.7	1628.6	1701.2		
75°		1130.5	1171.3	1336.0	1705.6	1632.6	1446.1	1474.8		
80°		762.9	769.9	885.4	1242.7	1371.0	1206.5	1184.2		
85°		600.2	588.7	649.9	869.8	953.2	925.3	816.1		

Photometric test report

Family
Licross® 11 Recessed

Order number: 51TL11DN4DXRD
EAN: 4058352418116

LP number
58784_13

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

