

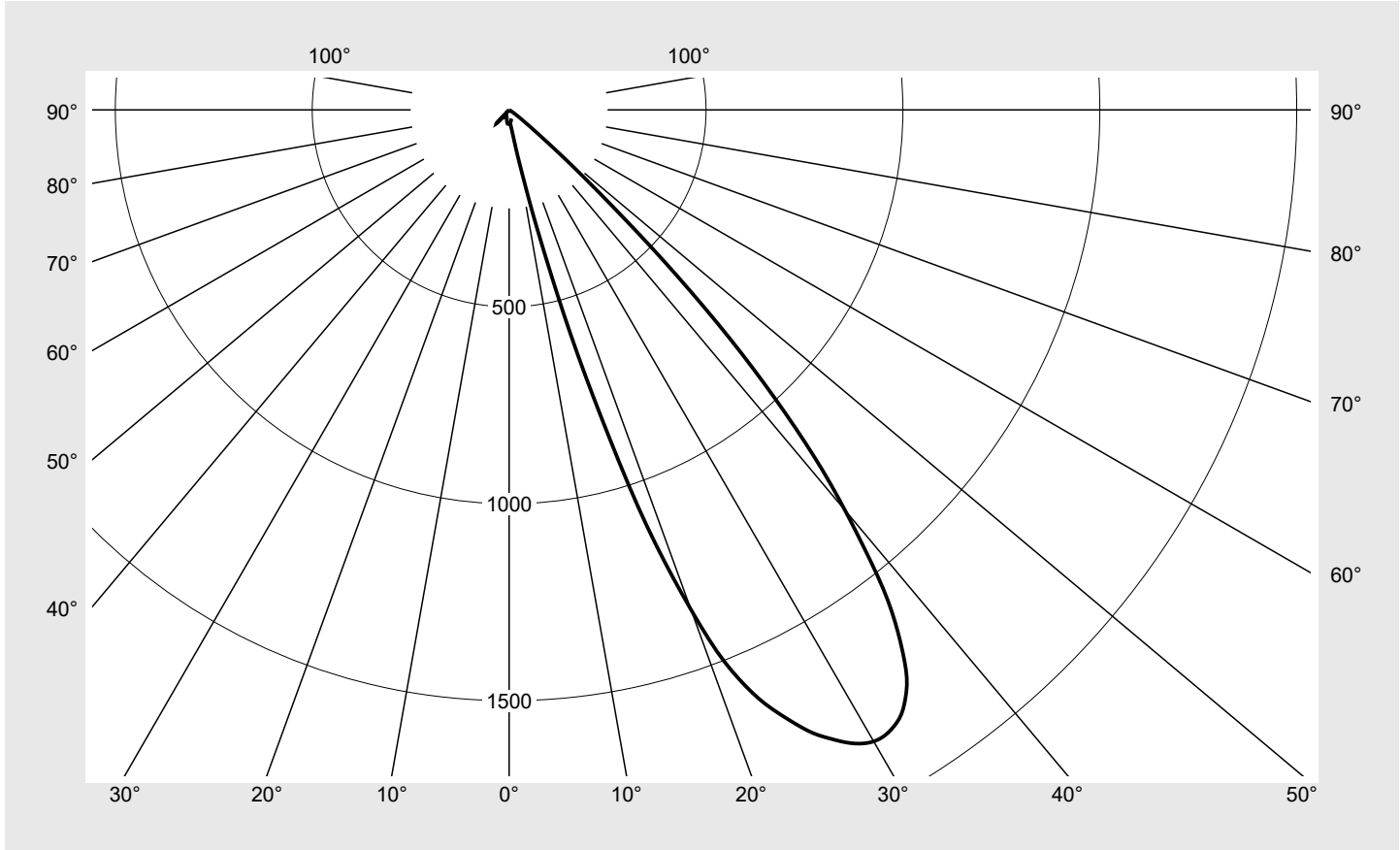


Photometric test report

Family Licross® Trunking	Order number: 51TH3SDD46XA EAN: 4058352329665	LP number 58936_1
	Version Shelfwasher, reflector, faceted, silver-coated Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 5360 lm Power consumption = 44.9 W Luminous efficacy = 119.4 lm/W	serial documentation 24.05.2019
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 1997 cd/klm**



Classifications	
DIN 5040	A 4 1
CIE	N1=66 N2=99 N3=100 N4=100 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	99.9%
ϕ_o	0.1%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

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Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	0°	5° 355°	10° 350°	15° 345°	20° 340°	25° 335°	30° 330°	35° 325°	40° 320°	45° 315°	50° 310°	55° 305°	60° 300°
γ	Luminous intensity in cd/klm												
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
1°	33.7	33.7	33.7	33.7	33.9	34.1	34.3	34.6	34.9	35.1	35.2	35.1	35.0
2°	33.5	33.5	33.5	33.6	33.7	33.8	34.0	34.3	34.6	34.7	34.8	34.8	34.8
3°	33.7	33.7	33.7	33.8	33.9	34.0	34.1	34.4	34.6	34.7	34.7	34.6	34.5
4°	34.7	34.9	34.6	34.9	34.7	34.8	34.7	34.9	34.9	35.0	34.8	34.6	34.4
5°	36.9	37.1	36.7	36.8	36.4	36.3	36.0	35.9	35.7	35.6	35.2	34.8	34.4
6°	40.3	40.7	40.0	40.0	39.2	38.8	38.0	37.7	37.1	36.6	35.9	35.3	34.6
7°	46.8	47.3	46.1	45.8	44.2	43.3	41.7	40.8	39.4	38.5	37.2	36.1	34.9
8°	56.7	57.2	55.4	54.5	51.6	49.7	46.9	45.1	42.7	40.9	38.9	37.1	35.5
9°	72.3	73.1	70.2	68.1	63.0	59.6	54.7	51.2	47.3	44.2	41.1	38.6	36.2
10°	99.4	100.7	95.3	91.5	82.4	76.3	67.5	61.3	54.4	49.4	44.4	40.7	37.3
11°	138.1	140.2	131.0	124.6	117.8	99.4	85.0	75.0	63.7	56.0	48.5	43.3	38.7
12°	193.5	203.4	183.2	178.6	149.5	137.3	119.7	97.4	76.8	66.0	53.9	46.8	40.4
13°	282.5	286.6	266.2	250.4	215.0	189.0	153.4	126.4	98.0	78.8	62.0	51.1	42.6
14°	390.4	395.8	369.3	347.6	298.8	261.8	209.4	168.6	126.3	96.6	71.9	56.5	45.3
15°	539.1	545.7	513.7	484.0	420.8	369.1	296.2	234.6	170.3	124.0	86.9	64.3	48.9
16°	700.3	704.2	670.0	630.2	557.8	491.0	400.4	315.8	227.4	158.9	105.9	73.5	53.0
17°	871.0	871.9	836.5	787.7	707.8	626.6	521.6	414.6	301.1	205.7	131.2	85.3	58.1
18°	1059.0	1057.0	1019.9	964.5	877.0	785.2	665.4	538.8	399.1	273.1	168.1	102.3	65.0
19°	1214.6	1215.2	1177.0	1122.9	1027.9	931.0	799.0	659.7	497.9	347.5	211.5	123.0	72.9
20°	1350.4	1364.9	1315.5	1275.2	1166.4	1080.1	927.9	792.1	601.7	437.9	263.3	151.9	82.6
21°	1473.1	1476.4	1442.7	1392.6	1298.3	1201.4	1062.9	909.6	716.7	524.9	328.8	184.0	95.8
22°	1558.8	1559.4	1533.1	1487.6	1403.2	1309.5	1177.0	1024.7	826.9	615.2	395.7	221.8	110.7
23°	1624.7	1624.7	1601.0	1562.1	1495.5	1414.4	1291.7	1146.7	946.4	719.1	472.6	269.2	130.2
24°	1674.8	1673.5	1651.1	1614.8	1560.8	1494.2	1387.3	1251.5	1056.6	816.3	546.3	316.0	150.5
25°	1719.7	1722.3	1697.2	1666.9	1616.1	1570.0	1473.7	1360.3	1189.5	923.9	623.2	369.6	173.2
26°	1760.5	1760.5	1744.1	1713.1	1673.5	1633.3	1562.1	1451.3	1276.6	1024.0	710.1	421.1	200.3
27°	1790.9	1793.5	1783.6	1757.2	1723.0	1690.6	1633.3	1535.0	1372.8	1122.9	791.0	474.3	226.1
28°	1818.6	1824.5	1820.5	1801.4	1773.1	1747.4	1701.9	1619.4	1469.1	1227.1	879.9	533.0	255.0
29°	1839.7	1848.2	1850.2	1837.7	1814.0	1792.9	1755.3	1687.4	1548.9	1316.8	958.9	586.1	281.0
30°	1851.5	1864.1	1874.6	1868.0	1850.2	1834.4	1802.1	1745.4	1619.4	1395.9	1033.4	638.7	306.3
31°	1852.9	1869.3	1889.8	1889.8	1883.8	1875.9	1849.6	1798.1	1683.4	1470.4	1111.4	695.8	333.8
32°	1844.9	1865.4	1896.4	1901.0	1903.0	1910.9	1891.8	1841.6	1730.2	1527.1	1179.6	750.9	358.7
33°	1829.1	1852.2	1894.4	1904.3	1912.2	1937.3	1932.6	1885.8	1768.5	1579.2	1245.6	812.0	383.6
34°	1800.1	1829.1	1881.2	1897.7	1912.9	1952.4	1966.3	1923.4	1804.7	1624.1	1320.1	870.2	409.8
35°	1760.5	1792.9	1852.2	1877.3	1901.0	1959.0	1986.1	1951.1	1836.4	1669.5	1388.7	926.6	432.8
36°	1699.9	1734.2	1800.8	1833.1	1869.3	1951.8	1996.6	1965.0	1866.0	1721.6	1463.2	986.8	454.1
37°	1628.7	1661.0	1730.9	1769.1	1817.2	1925.4	1992.6	1966.3	1882.5	1765.8	1525.8	1034.6	469.0
38°	1542.9	1571.3	1641.9	1682.1	1744.1	1877.3	1972.9	1956.4	1887.1	1800.1	1579.2	1069.9	479.2
39°	1434.8	1455.9	1521.2	1564.7	1639.2	1794.2	1925.4	1931.3	1884.5	1820.5	1615.5	1092.6	487.0
40°	1326.7	1343.2	1396.6	1440.7	1521.8	1691.3	1855.5	1892.4	1876.6	1827.1	1627.3	1100.5	494.1
41°	1214.6	1215.9	1270.0	1298.3	1393.3	1550.2	1757.9	1830.4	1862.1	1833.1	1627.3	1102.5	504.3
42°	1086.7	1113.7	1136.8	1177.7	1249.5	1401.2	1621.4	1752.0	1833.7	1840.3	1628.7	1113.0	522.4
43°	949.2	976.3	1026.7	1077.6	1135.5	1252.8	1477.7	1653.1	1790.9	1844.9	1644.5	1144.0	547.7
44°	806.4	829.0	902.4	982.3	1046.4	1111.8	1314.1	1523.8	1720.3	1837.7	1672.2	1204.0	585.3
45°	652.5	678.4	767.1	882.0	983.2	1023.7	1175.0	1393.9	1632.0	1806.7	1691.3	1269.3	624.4

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Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	65° 295°	70° 290°	75° 285°	80° 280°	85° 275°	90° 270°	95° 265°	100° 260°	105° 255°	110° 250°	115° 245°	120° 240°	125° 235°
γ	Luminous intensity in cd/klm												
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
1°	34.9	34.7	34.5	34.5	34.5	34.5	34.6	34.7	34.8	35.0	35.2	35.4	35.6
2°	34.6	34.5	34.4	34.5	34.5	34.6	34.7	34.8	35.0	35.2	35.5	35.7	35.9
3°	34.3	34.2	34.2	34.2	34.2	34.3	34.5	34.7	35.0	35.3	35.7	35.9	36.2
4°	34.1	33.9	33.7	33.7	33.6	33.8	33.9	34.3	34.6	35.1	35.5	35.9	36.1
5°	34.0	33.6	33.2	33.1	32.9	33.0	33.0	33.4	33.7	34.2	34.6	35.1	35.4
6°	34.0	33.3	32.7	32.4	32.1	32.0	31.9	32.2	32.5	33.0	33.4	33.9	34.2
7°	33.9	33.0	32.1	31.6	31.1	30.8	30.6	30.9	31.1	31.5	31.8	32.3	32.7
8°	34.0	32.7	31.6	30.8	30.3	29.9	29.6	29.7	29.8	30.1	30.4	30.9	31.4
9°	34.2	32.5	31.1	30.1	29.3	28.9	28.5	28.5	28.5	28.7	29.1	29.7	30.2
10°	34.7	32.4	30.7	29.4	28.4	27.8	27.2	27.1	27.1	27.4	27.6	28.3	28.7
11°	35.2	32.4	30.4	28.8	27.5	26.6	25.9	25.8	25.8	26.1	26.3	26.9	27.3
12°	36.0	32.5	30.0	28.1	26.4	25.4	24.6	24.6	24.4	24.8	24.9	25.7	25.8
13°	36.9	32.7	29.6	27.4	25.4	24.3	23.7	23.6	23.4	23.7	23.9	24.4	24.7
14°	38.0	32.9	29.3	26.7	24.6	23.6	23.0	22.8	22.7	22.9	23.1	23.6	23.7
15°	39.5	33.3	29.1	26.1	23.9	22.9	22.3	22.1	22.1	22.3	22.5	22.8	22.9
16°	41.2	33.7	29.1	25.4	23.5	22.4	21.8	21.6	21.6	21.8	22.1	22.3	22.4
17°	43.2	34.3	29.1	25.1	23.1	21.9	21.3	21.2	21.2	21.4	21.6	21.9	22.0
18°	45.9	35.3	29.0	24.8	22.7	21.5	20.9	20.7	20.8	21.0	21.1	21.4	21.5
19°	49.0	36.3	28.9	24.6	22.4	21.2	20.5	20.4	20.4	20.6	20.7	21.0	21.0
20°	53.0	37.5	28.9	24.5	22.2	20.9	20.2	20.0	20.0	20.2	20.3	20.7	20.6
21°	57.1	38.9	29.1	24.3	22.0	20.7	19.9	19.7	19.7	19.9	20.0	20.3	20.2
22°	62.0	40.2	29.4	24.2	21.8	20.4	19.6	19.4	19.4	19.5	19.6	19.9	19.8
23°	68.2	41.7	29.7	24.2	21.5	20.1	19.4	19.3	19.0	19.1	19.2	19.5	19.4
24°	74.6	43.3	30.1	24.1	21.2	19.7	19.4	19.0	18.6	18.7	18.9	19.0	19.0
25°	82.4	45.3	30.5	23.9	20.8	19.4	19.3	18.6	18.1	18.3	18.5	18.6	18.5
26°	90.4	47.6	30.9	23.8	20.4	19.2	19.0	18.0	17.6	17.8	18.0	18.1	18.0
27°	98.9	49.9	31.3	23.6	20.1	18.9	18.4	17.4	17.1	17.3	17.5	17.6	17.5
28°	108.8	52.4	31.6	23.3	19.6	18.6	17.8	16.9	16.5	16.7	16.9	17.0	16.9
29°	117.6	54.6	31.7	22.9	19.1	18.2	17.3	16.3	15.9	16.1	16.3	16.5	16.3
30°	126.1	56.4	31.6	22.4	18.6	17.5	16.7	15.6	15.3	15.5	15.7	15.8	15.7
31°	134.8	57.8	31.2	21.7	17.9	16.8	15.8	14.8	14.6	14.7	14.9	15.1	14.9
32°	142.3	58.5	30.6	21.0	17.2	16.0	14.8	14.1	13.8	13.9	14.1	14.4	14.1
33°	149.7	58.7	29.7	20.2	16.4	15.2	13.9	13.3	13.0	13.0	13.2	13.6	13.4
34°	155.3	58.4	28.8	19.3	15.6	14.3	13.0	12.5	12.3	12.2	12.4	12.7	12.9
35°	159.4	57.5	27.9	18.5	14.9	13.5	12.3	11.8	11.6	11.6	11.7	11.9	12.4
36°	161.6	56.2	26.8	17.9	14.3	12.7	11.8	11.3	11.0	11.0	11.2	11.2	12.2
37°	161.5	54.6	26.0	17.4	13.9	12.3	11.5	11.0	10.7	10.7	10.7	10.9	12.2
38°	159.6	52.8	25.2	16.9	13.6	12.0	11.1	10.7	10.4	10.3	10.3	10.8	12.1
39°	156.6	50.8	24.3	16.5	13.2	11.6	10.8	10.4	10.1	9.8	9.9	10.5	11.5
40°	154.5	49.1	23.6	16.1	12.9	11.2	10.6	10.0	9.8	9.4	9.4	10.2	10.6
41°	154.3	47.6	22.7	15.6	12.6	10.9	10.3	9.7	9.3	9.1	9.0	9.9	9.5
42°	157.5	46.4	21.8	15.1	12.3	10.7	10.1	9.4	8.8	8.5	8.7	9.3	8.7
43°	164.1	45.6	20.9	14.6	12.0	10.6	9.9	9.2	8.3	7.9	8.4	8.0	8.1
44°	174.9	45.1	20.0	14.1	11.7	10.4	9.7	9.0	8.0	7.5	8.1	7.1	7.7
45°	185.9	45.0	19.2	13.6	11.3	10.3	9.5	8.7	7.8	7.3	7.7	7.1	7.3

Photometric test report

Family Licross® Trunking	Order number: 51TH3SDD46XA EAN: 4058352329665	LP number 58936_1
Table of values for luminous intensities		Maximum luminous intensity
		sitEco

C-planes	130° 230°	135° 225°	140° 220°	145° 215°	150° 210°	155° 205°	160° 200°	165° 195°	170° 190°	175° 185°	180°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	0.0	0.0
1°	35.6	35.5	35.4	35.3	35.0	34.7	34.4	34.1	34.0	33.9	33.9	0.1	0.1
2°	36.0	36.0	36.0	35.9	35.7	35.5	35.1	34.9	34.7	34.6	34.6	0.1	0.2
3°	36.3	36.4	36.4	36.3	36.0	35.8	35.4	35.2	35.0	35.0	34.9	0.2	0.4
4°	36.3	36.4	36.5	36.3	36.2	36.0	35.7	35.6	35.5	35.5	35.5	0.3	0.7
5°	35.8	35.9	36.1	36.1	36.2	36.1	36.0	35.9	35.9	35.8	35.8	0.3	1.0
6°	34.7	34.9	35.3	35.5	35.7	35.8	35.6	35.5	35.6	35.6	35.7	0.4	1.4
7°	33.2	33.5	34.0	34.4	34.8	34.8	34.8	34.8	34.8	34.7	34.8	0.5	1.9
8°	31.9	32.2	32.8	33.2	33.6	33.8	33.9	33.8	33.8	33.7	33.9	0.6	2.5
9°	30.6	30.9	31.5	31.8	32.3	32.5	32.5	32.4	32.5	32.5	32.6	0.7	3.1
10°	29.2	29.5	30.1	30.3	30.8	30.8	30.9	30.7	30.9	30.7	30.9	0.8	4.0
11°	27.9	28.2	28.8	29.1	29.4	29.3	29.4	29.1	29.2	29.0	29.1	1.0	5.0
12°	26.6	26.9	27.6	27.7	27.9	27.7	27.8	27.4	27.6	27.2	27.5	1.3	6.3
13°	25.2	25.7	26.2	26.2	26.3	26.2	26.1	25.8	25.8	25.6	25.7	1.8	8.1
14°	24.2	24.5	25.0	24.9	25.1	24.9	24.7	24.4	24.3	24.0	24.1	2.4	10.5
15°	23.2	23.4	23.7	23.7	23.8	23.6	23.4	23.0	22.9	22.6	22.7	3.3	13.8
16°	22.5	22.6	22.7	22.7	22.7	22.5	22.3	21.9	21.8	21.6	21.6	4.5	18.2
17°	22.0	21.9	21.8	21.7	21.7	21.5	21.3	21.1	21.0	20.8	20.8	5.8	24.0
18°	21.4	21.2	20.9	20.8	20.8	20.6	20.5	20.3	20.3	20.1	20.1	7.5	31.6
19°	20.9	20.5	20.3	20.1	20.1	20.0	20.0	19.8	19.8	19.6	19.7	9.3	40.8
20°	20.5	19.9	19.7	19.4	19.5	19.4	19.5	19.3	19.3	19.2	19.3	11.1	51.9
21°	20.0	19.4	19.1	18.9	18.9	19.0	19.0	18.9	18.9	18.9	18.9	13.0	64.9
22°	19.6	18.8	18.6	18.4	18.5	18.6	18.7	18.6	18.7	18.6	18.7	14.8	79.7
23°	19.0	18.3	18.1	18.0	18.1	18.1	18.2	18.1	18.2	18.2	18.2	16.7	96.4
24°	18.4	17.8	17.7	17.5	17.5	17.3	17.3	17.2	17.4	17.3	17.4	18.4	114.9
25°	17.9	17.3	17.1	16.7	16.6	16.3	16.4	16.3	16.4	16.4	16.4	20.3	135.2
26°	17.3	16.7	16.3	15.8	15.7	15.9	16.2	16.4	16.6	16.9	16.9	22.1	157.3
27°	16.7	16.0	15.5	15.2	15.5	16.0	16.4	16.7	16.9	17.0	16.9	24.0	181.3
28°	16.0	15.2	14.8	14.9	15.5	16.1	16.6	16.7	16.7	16.8	16.8	25.9	207.2
29°	15.3	14.5	14.4	14.8	15.5	16.2	16.5	16.6	16.7	17.0	17.0	27.7	234.8
30°	14.6	13.9	14.1	14.7	15.6	16.2	16.5	16.8	17.2	17.7	17.8	29.4	264.2
31°	13.8	13.4	13.9	14.8	15.6	16.2	16.7	17.2	17.8	18.3	18.4	31.1	295.4
32°	13.2	13.2	13.8	14.8	15.6	16.3	16.9	17.6	18.4	19.2	19.3	32.7	328.0
33°	12.7	13.0	13.8	14.8	15.5	16.2	17.2	18.5	19.4	20.6	20.6	34.1	362.2
34°	12.4	12.9	13.8	14.7	15.4	16.5	18.2	19.8	20.9	21.8	22.1	35.5	397.7
35°	12.3	12.9	13.7	14.4	15.3	17.3	19.4	21.0	22.2	23.2	23.5	36.7	434.4
36°	12.3	12.8	13.3	14.1	15.7	18.5	20.7	22.4	23.4	23.7	23.6	37.7	472.1
37°	12.3	12.4	12.8	14.0	16.6	19.6	21.9	23.0	22.0	20.9	20.9	38.3	510.4
38°	11.9	11.8	12.5	14.4	17.7	20.9	22.5	20.4	19.2	18.7	18.7	38.6	549.0
39°	11.2	11.2	12.3	15.2	18.8	21.6	19.7	17.6	18.7	21.1	21.5	38.3	587.3
40°	10.4	10.8	12.4	16.1	19.9	19.2	16.8	17.7	21.6	25.2	26.0	37.7	625.0
41°	9.9	10.5	12.8	17.1	19.0	16.1	15.6	22.2	27.0	32.0	32.2	36.7	661.7
42°	9.4	10.4	13.6	17.6	16.3	14.0	19.9	28.9	35.5	40.7	41.8	35.6	697.3
43°	9.0	10.4	14.3	15.9	13.9	15.8	26.6	38.2	46.0	48.3	47.8	34.6	731.9
44°	8.7	10.6	14.7	13.8	12.1	21.7	36.9	45.2	42.8	39.4	38.3	33.3	765.2
45°	8.5	11.0	13.2	11.7	13.6	30.0	42.6	38.8	26.7	12.4	9.1	31.9	797.1

Photometric test report

Family Licross® Trunking	Order number: 51TH3SDD46XA EAN: 4058352329665	LP number 58936_1
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	0°	5° 355°	10° 350°	15° 345°	20° 340°	25° 335°	30° 330°	35° 325°	40° 320°	45° 315°	50° 310°	55° 305°	60° 300°
γ	Luminous intensity in cd/klm												
46°	501.0	522.1	613.5	745.0	901.0	962.4	1064.2	1263.4	1523.8	1743.4	1691.3	1328.0	658.9
47°	358.2	371.0	446.5	565.3	755.6	877.8	972.4	1132.2	1392.6	1636.6	1663.0	1359.0	681.2
48°	253.6	260.7	315.4	403.4	581.6	748.3	884.9	1024.5	1270.0	1512.6	1606.9	1351.1	683.3
49°	172.9	170.7	211.1	255.6	402.3	560.1	759.9	902.0	1142.7	1361.6	1520.5	1302.9	668.2
50°	112.1	115.0	130.7	155.8	239.4	380.5	582.2	762.8	997.3	1215.2	1393.9	1225.1	634.7
51°	76.5	76.2	84.5	93.5	136.1	228.1	405.5	603.9	855.5	1065.8	1247.5	1119.8	589.0
52°	52.3	52.0	55.7	58.4	76.2	129.8	241.4	429.0	695.4	901.0	1062.9	978.5	523.5
53°	38.2	38.2	40.5	42.1	50.4	75.0	143.8	291.8	551.0	750.7	880.4	833.7	450.6
54°	28.3	28.5	30.8	32.6	37.4	51.1	91.1	192.0	413.4	606.0	697.4	680.5	370.5
55°	19.8	20.0	22.5	25.0	29.1	37.6	60.8	125.3	283.2	461.0	525.4	519.2	285.3
56°	13.9	13.8	15.9	18.2	23.0	30.1	44.6	80.0	187.8	342.7	410.5	399.1	217.8
57°	10.3	9.8	11.1	12.2	16.8	23.3	34.7	53.0	122.3	236.8	335.9	312.2	164.8
58°	7.9	7.7	8.2	9.0	11.5	17.5	27.1	37.9	77.5	165.4	280.5	261.5	120.8
59°	6.4	6.3	6.7	7.1	8.7	13.5	21.6	28.0	52.6	116.4	232.4	217.7	91.4
60°	5.3	5.2	5.5	5.7	6.8	10.4	17.5	20.7	35.5	79.8	172.9	164.8	66.8
61°	4.6	4.5	4.7	4.8	5.6	8.3	14.6	16.2	25.3	54.8	119.4	114.2	49.6
62°	4.0	4.0	4.1	4.2	4.7	6.5	11.9	13.0	18.7	36.1	75.2	71.5	36.8
63°	3.6	3.5	3.6	3.7	4.0	5.1	9.0	10.3	14.0	22.9	41.9	39.4	26.8
64°	3.3	3.2	3.2	3.3	3.5	4.2	6.8	8.1	10.9	15.6	24.4	23.2	20.4
65°	3.1	2.9	2.9	2.9	3.2	3.5	5.1	6.1	8.5	10.9	15.0	13.8	15.6
66°	3.1	2.8	2.6	2.7	2.8	3.1	3.9	4.7	6.4	8.0	9.6	9.3	11.6
67°	3.1	2.7	2.4	2.4	2.6	2.7	3.2	3.7	4.9	6.0	6.9	6.7	8.8
68°	3.1	2.5	2.2	2.2	2.4	2.4	2.7	3.0	3.8	4.6	5.0	4.9	6.4
69°	2.9	2.3	2.0	2.1	2.1	2.1	2.3	2.5	3.0	3.6	3.9	3.9	4.9
70°	2.3	2.0	1.8	1.9	1.9	1.8	2.0	2.1	2.5	2.8	3.2	3.0	3.7
71°	1.8	1.6	1.6	1.7	1.7	1.6	1.7	1.8	2.0	2.3	2.5	2.4	2.8
72°	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.7	1.9	2.1	2.0	2.2
73°	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.5	1.6	1.7	1.6	1.7
74°	1.0	1.1	1.0	1.1	1.2	1.2	1.2	1.2	1.3	1.4	1.4	1.3	1.4
75°	0.9	0.9	0.9	0.9	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.1
76°	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
77°	0.6	0.6	0.7	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8
78°	0.5	0.5	0.6	0.7	0.7	0.8	0.8	0.7	0.8	0.8	0.8	0.7	0.7
79°	0.4	0.5	0.6	0.7	0.6	0.7	0.6	0.7	0.7	0.7	0.7	0.6	0.6
80°	0.4	0.4	0.5	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5
81°	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4
82°	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
83°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3
84°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2
86°	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87°	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1
88°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
89°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
90°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
91°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Photometric test report

Family Licross® Trunking	Order number: 51TH3SDD46XA EAN: 4058352329665	LP number 58936_1
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	65° 295°	70° 290°	75° 285°	80° 280°	85° 275°	90° 270°	95° 265°	100° 260°	105° 255°	110° 250°	115° 245°	120° 240°	125° 235°
γ	Luminous intensity in cd/klm												
46°	195.8	45.0	18.4	13.1	10.9	10.0	9.4	8.6	7.7	7.1	7.7	7.2	7.0
47°	202.0	45.1	17.6	12.3	10.2	9.6	9.0	8.1	7.2	6.6	7.6	6.8	6.9
48°	202.1	45.3	16.9	11.4	9.3	8.8	8.3	7.1	6.4	6.0	7.3	6.1	6.8
49°	195.7	45.5	16.1	10.4	8.2	7.7	7.2	6.2	5.5	5.7	7.6	5.2	6.6
50°	184.1	45.5	15.4	9.2	7.1	6.5	6.2	5.5	5.0	5.6	7.9	4.8	6.5
51°	168.9	45.5	14.8	8.1	6.2	5.6	5.5	5.0	4.7	5.5	6.9	4.8	6.3
52°	150.4	45.5	14.3	7.0	5.3	4.8	4.8	4.7	4.4	5.3	5.1	4.9	5.9
53°	132.5	45.0	13.8	6.2	4.6	4.2	4.2	4.4	4.2	5.0	3.9	4.9	5.3
54°	116.6	43.9	13.2	5.6	4.0	3.7	3.6	4.2	4.0	4.7	3.4	4.9	4.7
55°	100.8	41.9	12.5	4.9	3.5	3.2	3.3	4.1	3.8	4.3	3.3	4.7	4.0
56°	88.2	39.7	11.9	4.5	3.2	2.8	3.1	4.0	3.6	3.9	3.3	4.5	3.3
57°	76.3	37.3	11.2	4.1	2.9	2.5	2.9	4.0	3.5	3.4	3.1	3.9	2.7
58°	66.5	34.4	10.4	3.7	2.6	2.2	2.7	3.9	3.4	3.0	2.9	3.2	2.3
59°	57.2	31.5	9.5	3.4	2.3	2.0	2.5	3.8	3.4	2.9	2.8	2.8	1.8
60°	47.5	27.9	8.3	3.0	2.1	1.7	2.3	3.8	3.3	2.9	2.7	2.4	1.2
61°	39.2	24.4	7.1	2.7	1.8	1.5	2.2	3.8	3.4	2.9	2.6	2.1	0.5
62°	31.8	20.8	6.0	2.4	1.7	1.3	2.1	3.9	3.4	2.9	2.5	1.8	0.3
63°	25.1	17.0	4.9	2.1	1.5	1.2	2.1	4.0	3.5	2.9	2.4	1.2	0.2
64°	20.2	13.9	4.0	1.8	1.3	1.1	2.0	4.1	3.7	3.0	2.3	0.6	0.1
65°	15.9	11.0	3.2	1.6	1.2	1.0	2.0	4.2	3.8	3.0	1.9	0.4	0.1
66°	12.6	8.4	2.7	1.5	1.1	0.9	1.9	4.4	4.0	3.0	1.5	0.3	0.1
67°	9.7	6.3	2.2	1.3	1.0	0.9	1.8	4.5	4.2	3.0	0.9	0.2	0.1
68°	7.1	4.6	1.8	1.2	1.0	0.8	1.7	4.6	4.3	3.0	0.5	0.1	0.1
69°	5.2	3.4	1.5	1.1	0.9	0.7	1.6	4.6	4.5	2.9	0.4	0.1	0.1
70°	3.6	2.6	1.3	1.0	0.8	0.7	1.6	4.6	4.5	2.2	0.2	0.1	0.1
71°	2.7	2.0	1.2	0.9	0.7	0.6	1.5	4.5	4.5	1.0	0.2	0.1	0.1
72°	2.0	1.6	1.0	0.8	0.7	0.6	1.4	4.4	4.3	0.5	0.1	0.1	0.1
73°	1.6	1.3	0.9	0.7	0.6	0.5	1.4	4.3	4.0	0.3	0.1	0.1	0.1
74°	1.3	1.1	0.8	0.6	0.5	0.5	1.4	4.4	3.7	0.2	0.1	0.1	0.1
75°	1.0	0.9	0.7	0.6	0.5	0.4	1.3	4.5	2.5	0.1	0.1	0.1	0.1
76°	0.9	0.8	0.6	0.5	0.4	0.4	1.3	4.6	0.4	0.1	0.1	0.1	0.1
77°	0.7	0.6	0.5	0.4	0.3	0.3	1.3	4.7	0.1	0.1	0.1	0.1	0.1
78°	0.6	0.5	0.5	0.4	0.3	0.3	1.3	4.9	0.1	0.1	0.1	0.1	0.1
79°	0.5	0.5	0.4	0.3	0.3	0.3	1.3	5.0	0.1	0.1	0.1	0.1	0.1
80°	0.4	0.4	0.3	0.3	0.2	0.2	1.3	3.7	0.1	0.1	0.1	0.1	0.1
81°	0.4	0.3	0.3	0.3	0.2	0.2	1.3	1.5	0.1	0.1	0.1	0.1	0.1
82°	0.3	0.3	0.2	0.2	0.2	0.2	1.2	0.7	0.1	0.1	0.1	0.1	0.1
83°	0.3	0.2	0.2	0.2	0.1	0.2	1.0	0.1	0.1	0.1	0.1	0.1	0.1
84°	0.2	0.2	0.2	0.1	0.1	0.1	0.9	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.2	0.2	0.1	0.1	0.1	0.1	0.8	0.1	0.1	0.1	0.1	0.1	0.1
86°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
87°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
88°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
89°	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2
90°	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2
91°	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2

Photometric test report

Family Licross® Trunking		Order number: 51TH3SDD46XA EAN: 4058352329665											LP number 58936_1	
Table of values for luminous intensities												serial documentation 24.05.2019		
Maximum luminous intensity												Total		
C-planes	130° 230°	135° 225°	140° 220°	145° 215°	150° 210°	155° 205°	160° 200°	165° 195°	170° 190°	175° 185°	180°	Phi-zone	Phi-zone	
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm		
46°	8.3	11.3	11.7	9.9	17.9	36.9	34.0	8.0	2.0	1.0	0.9	30.1	827.2	
47°	8.2	10.4	9.9	9.7	25.0	27.8	3.5	0.7	0.5	0.5	0.5	27.8	855.0	
48°	8.2	9.3	8.3	12.2	27.8	3.3	0.6	0.4	0.4	0.4	0.4	25.3	880.3	
49°	8.0	8.0	7.0	16.7	9.4	0.5	0.4	0.4	0.4	0.2	0.2	22.4	902.7	
50°	7.3	6.7	6.9	13.3	0.8	0.4	0.4	0.2	0.2	0.2	0.2	19.2	921.9	
51°	6.6	5.6	8.0	1.8	0.4	0.4	0.2	0.2	0.2	0.2	0.2	16.2	938.1	
52°	5.6	4.4	7.2	0.4	0.4	0.2	0.2	0.2	0.2	0.1	0.1	13.2	951.4	
53°	4.6	3.8	1.2	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	10.7	962.1	
54°	3.8	3.8	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	8.6	970.7	
55°	3.1	1.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	6.5	977.1	
56°	2.5	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	5.0	982.1	
57°	1.8	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.8	986.0	
58°	0.6	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	3.0	989.0	
59°	0.3	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	2.4	991.4	
60°	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	993.3	
61°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	994.7	
62°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	995.6	
63°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	996.3	
64°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	996.9	
65°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	997.2	
66°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	997.6	
67°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	997.8	
68°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	998.0	
69°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	998.2	
70°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	998.4	
71°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	998.5	
72°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	998.6	
73°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	998.7	
74°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	998.8	
75°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	998.9	
76°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	998.9	
77°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	999.0	
78°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	999.0	
79°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	999.1	
80°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	999.1	
81°	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	999.2	
82°	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	999.2	
83°	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	999.2	
84°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	999.2	
85°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	999.3	
86°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	999.3	
87°	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	999.3	
88°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	999.3	
89°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	999.3	
90°	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	999.3	
91°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	999.3	

Photometric test report

Family Licross® Trunking	Order number: 51TH3SDD46XA EAN: 4058352329665	LP number 58936_1
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	0°	5° 355°	10° 350°	15° 345°	20° 340°	25° 335°	30° 330°	35° 325°	40° 320°	45° 315°	50° 310°	55° 305°	60° 300°
γ	Luminous intensity in cd/klm												
92°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
93°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
94°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
95°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
96°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
97°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
98°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Photometric test report

Family Licross® Trunking	Order number: 51TH3SDD46XA EAN: 4058352329665	LP number 58936_1
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	65° 295°	70° 290°	75° 285°	80° 280°	85° 275°	90° 270°	95° 265°	100° 260°	105° 255°	110° 250°	115° 245°	120° 240°	125° 235°
γ	Luminous intensity in cd/klm												
92°	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
93°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
94°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
95°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3
96°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3
97°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3
98°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4
99°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4
100°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4
101°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4
102°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5
103°	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
104°	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5
105°	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5
106°	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6
107°	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6
108°	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.6
109°	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.7
110°	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7
111°	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
112°	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
113°	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.9
114°	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0
115°	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.1
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Photometric test report

Family Licross® Trunking	Order number: 51TH3SDD46XA EAN: 4058352329665	LP number 58936_1
Table of values for luminous intensities		Maximum luminous intensity
		sITeco

C-planes	130° 230°	135° 225°	140° 220°	145° 215°	150° 210°	155° 205°	160° 200°	165° 195°	170° 190°	175° 185°	180°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
92°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	999.3
93°	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.0	999.4
94°	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.0	999.4
95°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.0	999.4
96°	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.0	999.4
97°	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.0	999.4
98°	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.0	999.4
99°	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.0	999.5
100°	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.0	999.5
101°	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.0	999.5
102°	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.0	999.5
103°	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.4	0.4	0.0	999.6
104°	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.0	999.6
105°	0.6	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.0	999.6
106°	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.0	999.6
107°	0.7	0.7	0.7	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.0	999.7
108°	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.0	999.7
109°	0.7	0.8	0.8	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.0	999.7
110°	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.0	999.8
111°	0.8	0.9	0.9	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.0	999.8
112°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.0	999.8
113°	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.0	999.9
114°	1.1	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.2	0.1	999.9
115°	1.2	1.3	1.4	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.3	0.1	1000.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
119°	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	1000.0

Photometric test report

Family Licross® Trunking	Order number: 51TH3SDD46XA EAN: 4058352329665	LP number 58936_1
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UGR-Table	Standard room	siteco
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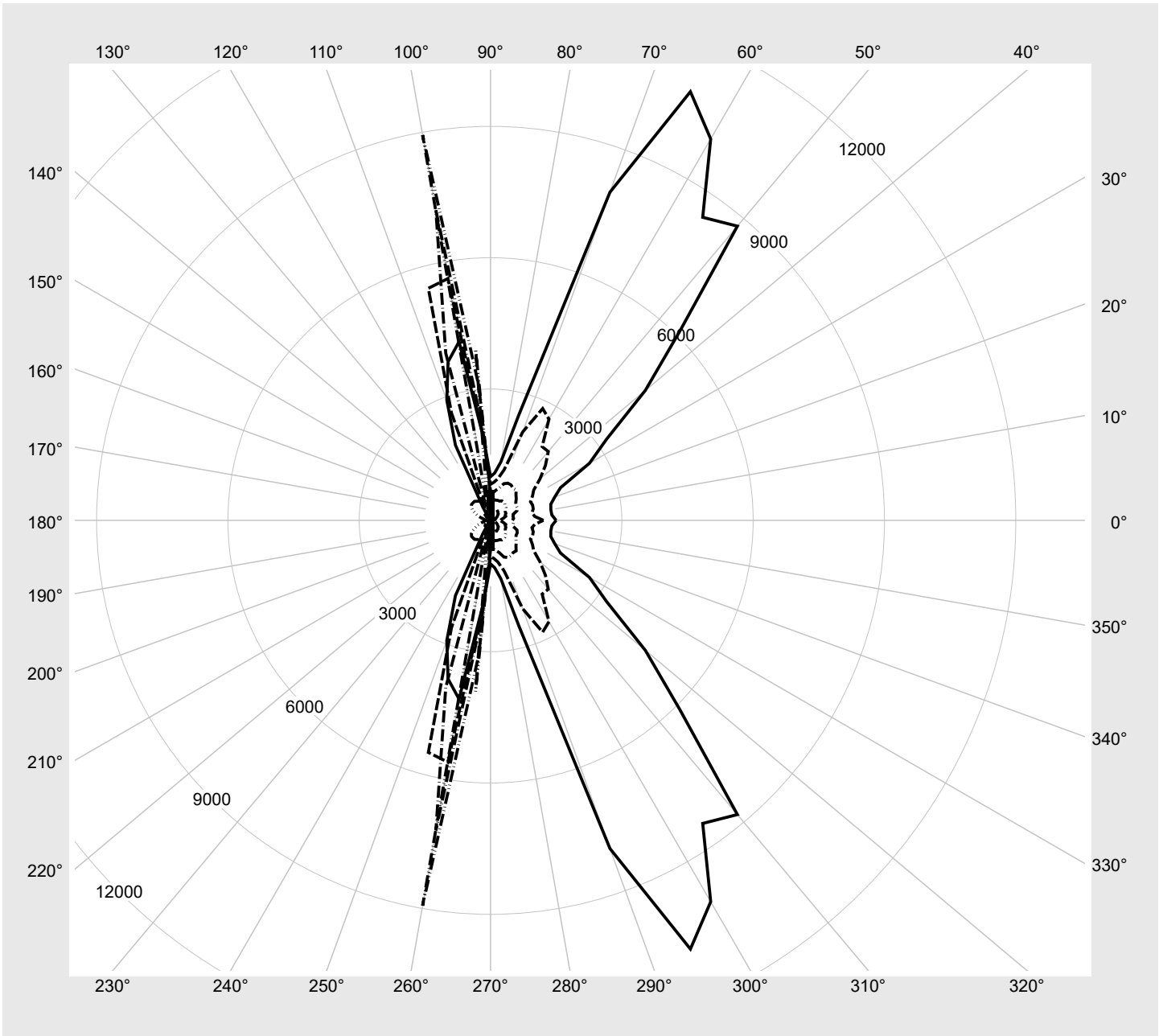
Reflection factor of ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
Reflection factor of walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
Reflection factor of floor	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	View crosswise (C0)					View endwise (C90)					
x	y										
2H	2H	34.8	36.3	35.2	36.6	36.9	30.4	31.9	30.7	32.2	32.5
	3H	34.7	36.0	35.1	36.4	36.7	30.2	31.6	30.6	31.9	32.3
	4H	34.7	35.9	35.1	36.2	36.6	30.2	31.4	30.5	31.8	32.2
	6H	34.7	35.7	35.1	36.1	36.5	30.1	31.3	30.5	31.6	32.0
	8H	34.6	35.6	35.1	36.0	36.4	30.0	31.2	30.4	31.6	32.0
	12H	34.7	35.6	35.1	35.9	36.4	29.9	31.1	30.4	31.5	31.9
4H	2H	34.7	36.0	35.1	36.3	36.7	30.3	31.5	30.7	31.9	32.3
	3H	34.6	35.6	35.0	36.0	36.4	30.2	31.2	30.6	31.6	32.0
	4H	34.6	35.5	35.0	35.9	36.3	30.1	31.0	30.5	31.4	31.9
	6H	34.5	35.3	35.0	35.7	36.2	30.0	30.8	30.5	31.2	31.7
	8H	34.5	35.2	35.0	35.6	36.1	29.9	30.7	30.4	31.1	31.6
	12H	34.5	35.1	35.0	35.5	36.0	29.9	30.6	30.4	31.1	31.5
8H	4H	34.4	35.2	34.9	35.6	36.1	30.0	30.7	30.5	31.2	31.6
	6H	34.3	34.9	34.8	35.4	35.9	29.9	30.5	30.4	31.0	31.5
	8H	34.3	34.8	34.8	35.3	35.8	29.9	30.4	30.4	30.9	31.4
	12H	34.3	34.7	34.8	35.2	35.8	29.8	30.3	30.3	30.8	31.3
12H	4H	34.4	35.0	34.8	35.5	36.0	30.0	30.6	30.5	31.1	31.6
	6H	34.3	34.8	34.8	35.3	35.8	29.9	30.4	30.4	30.9	31.4
	8H	34.3	34.7	34.8	35.2	35.8	29.9	30.3	30.4	30.8	31.3

Luminance table	Max. for $\gamma \geq 65^\circ$												
	Photometric dimensions in mm: L = 287 H(C0) = 22 B = 45 H(C90) = 0												
C-planes	0°	15° 345°	30° 330°	45° 315°	60° 300°	75° 285°	90° 270°	105° 255°	120° 240°	135° 225°	150° 210°	165° 195°	180°
γ	Luminance in cd/m ²												
45°	257228.0	351618.2	484511.9	787996.0	294475.5	10007.4	6041.3	4578.0	4160.2	6443.9	7960.5	22771.7	5348.7
50°	45730.3	64372.8	249853.0	555691.0	317325.9	8616.1	4218.7	3252.8	3112.1	4342.7	493.9	140.8	119.4
55°	8439.7	10782.1	27395.4	223299.9	153022.6	7673.8	2280.7	2748.1	3435.5	887.1	95.5	71.6	57.2
60°	2382.6	2607.1	8364.4	41415.8	38936.0	5625.0	1417.7	2774.8	1987.1	98.8	49.0	27.4	21.6
65°	1498.1	1425.2	2610.0	6120.5	10059.8	2485.7	996.8	3749.4	356.5	52.0	25.5	19.6	25.5
70°	1208.7	1009.9	1106.2	1773.1	2670.6	1193.0	823.9	5488.4	128.6	55.8	31.5	31.5	31.5
75°	501.9	535.8	676.2	822.0	934.1	761.3	676.7	3954.3	147.5	147.5	73.8	41.7	41.7
80°	233.8	360.0	389.3	473.9	514.8	477.3	552.1	205.5	174.5	174.5	109.9	47.8	31.1
85°	133.7	113.1	177.8	241.4	281.1	268.6	533.3	376.2	504.8	566.7	471.4	219.0	123.8

Photometric test report

Family Licross® Trunking	Order number: 51TH3SDD46XA EAN: 4058352329665	LP number 58936_1
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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



Photometric test report

Family Licross® Trunking	Order number: 51TH3SDD46XA EAN: 4058352329665	LP number 58936_1
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Dimming levels table	environmental temperature: 25°C
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	5360	44.9
95	238	252	5092	42.4
90	223	249	4824	39.6
85	208	247	4556	37.1
80	194	244	4288	34.2
75	180	241	4020	31.9
70	166	238	3752	29.7
65	152	235	3484	27.4
60	139	232	3216	24.8
55	126	228	2948	22.5
50	113	225	2680	20.6
45	101	220	2412	18.5
40	89	216	2144	16.6
35	77	210	1876	14.6
30	65	204	1608	12.7
25	53	197	1340	10.8
20	41	188	1072	8.9
15	30	176	804	7.1
10	18	158	536	5.3
5	8	129	267	3.7

serial
documentation
24.05.2019

