

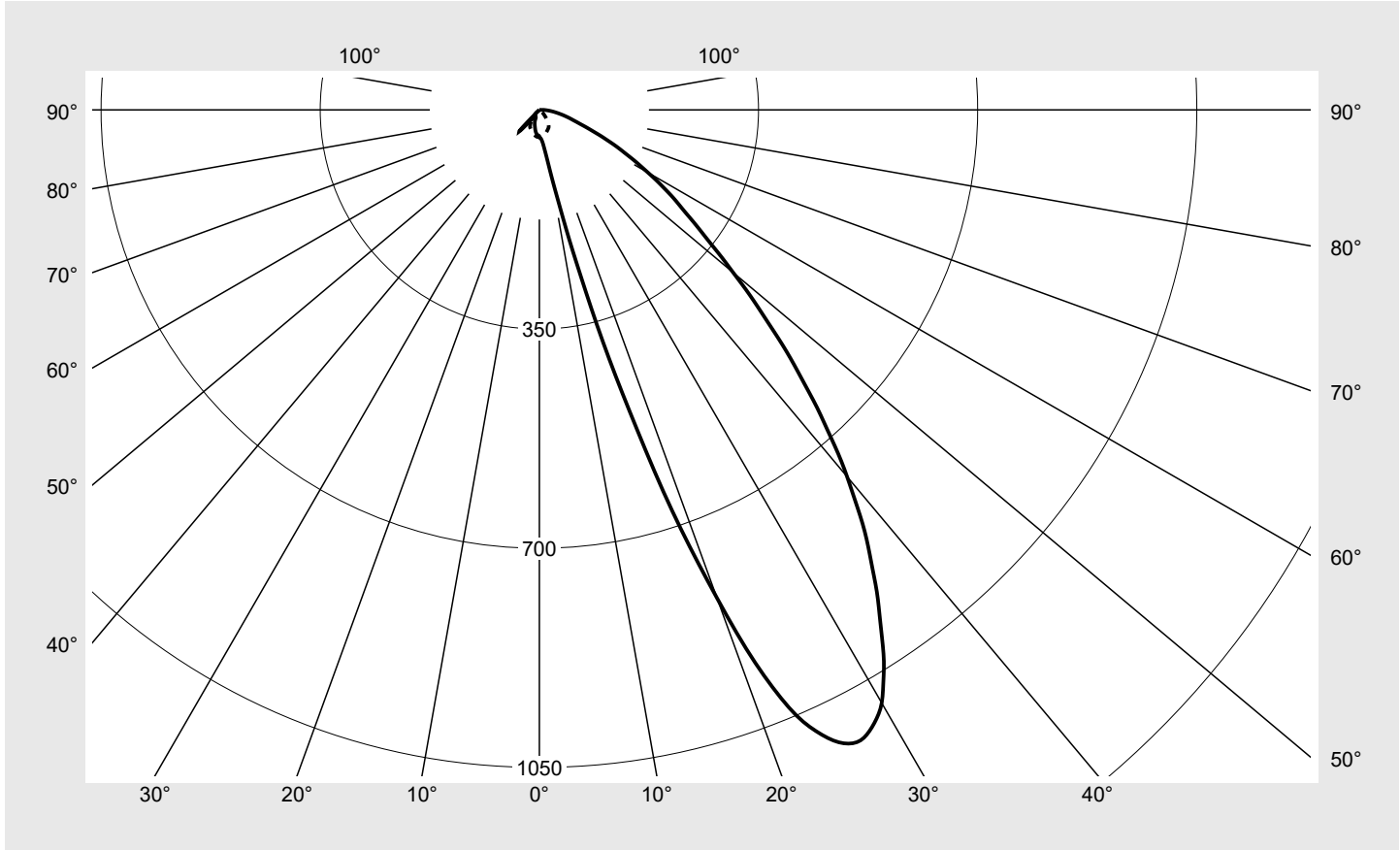


Photometric test report

Family Licross® Trunking	Order number: 51TH3WDD46XA EAN: 4058352329764	LP number 58935_1
	Version wallwasher, reflector, faceted, silver-coated Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 5270 lm Power consumption = 44.9 W Luminous efficacy = 117.4 lm/W	serial documentation 24.05.2019
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 1294 cd/klm**



Classifications	
DIN 5040	A 3 1
CIE	N1=47 N2=83 N3=97 N4=100 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	99.8%
ϕ_o	0.2%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® Trunking	Order number: 51TH3WDD46XA EAN: 4058352329764	LP number 58935_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												
0°	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
1°	43.9	43.9	43.8	43.9	44.0	44.1	44.2	44.5	44.8	45.0	45.0	44.8	44.6
2°	44.7	44.8	44.6	44.8	44.8	44.9	44.8	45.2	45.3	45.5	45.4	45.2	44.8
3°	45.8	45.9	45.7	45.9	45.8	45.8	45.7	46.0	46.0	46.1	45.9	45.6	45.1
4°	47.5	47.8	47.4	47.6	47.2	47.3	46.9	47.2	47.0	46.9	46.5	46.1	45.5
5°	50.2	50.3	49.9	49.9	49.4	49.3	48.7	48.7	48.3	48.0	47.3	46.7	46.0
6°	53.8	54.1	53.4	53.3	52.4	52.0	51.0	50.7	49.9	49.3	48.3	47.5	46.5
7°	59.9	60.1	59.1	58.7	57.2	56.3	54.6	53.7	52.3	51.2	49.8	48.6	47.2
8°	68.3	68.6	67.1	66.2	63.8	62.0	59.5	57.7	55.4	53.6	51.5	49.8	48.0
9°	80.7	81.0	78.7	77.0	73.2	70.4	66.3	63.2	59.7	56.8	53.7	51.3	49.0
10°	100.3	100.9	97.1	94.6	88.1	83.7	76.9	72.0	66.1	61.6	57.0	53.5	50.4
11°	126.3	127.3	121.8	117.6	107.9	103.0	90.8	83.4	74.4	67.8	61.0	56.2	51.9
12°	161.2	166.9	155.2	152.4	135.2	127.9	111.1	92.3	85.7	76.9	66.3	60.1	53.9
13°	213.5	215.5	205.1	196.1	176.6	161.8	140.3	122.7	103.1	88.5	74.3	64.7	56.8
14°	274.7	277.2	263.4	251.2	225.9	206.2	177.0	152.2	124.9	103.7	84.0	70.8	60.0
15°	356.0	358.3	341.7	325.8	294.2	267.9	229.2	194.7	157.0	126.3	98.2	79.4	64.6
16°	442.0	443.0	425.6	404.1	368.3	335.2	289.3	244.5	195.3	153.5	116.0	89.6	70.0
17°	534.4	533.9	516.2	489.9	450.9	411.6	359.3	303.6	242.9	187.9	138.3	102.4	76.8
18°	641.1	640.3	619.8	591.0	547.7	504.9	445.9	380.4	306.1	235.6	169.6	120.8	86.1
19°	737.6	736.9	714.1	685.7	638.9	596.2	531.0	460.3	373.6	289.2	205.3	142.5	96.7
20°	829.8	838.3	805.5	786.1	729.2	696.0	619.7	554.9	448.8	358.3	248.8	172.5	113.5
21°	921.5	922.1	897.6	870.0	824.3	785.2	718.2	643.2	539.1	429.4	305.8	205.5	127.9
22°	994.6	998.8	972.6	946.5	906.0	869.0	807.5	734.2	627.5	508.6	366.6	245.6	148.3
23°	1050.5	1049.2	1033.8	1013.5	981.9	953.0	896.8	828.9	724.5	600.1	442.0	296.8	175.3
24°	1085.8	1083.5	1071.9	1055.9	1034.8	1012.7	968.0	907.5	810.1	684.8	515.7	349.4	204.0
25°	1111.1	1109.8	1099.8	1089.6	1074.5	1059.4	1027.5	981.8	890.2	775.2	593.3	412.1	237.0
26°	1125.9	1123.9	1117.8	1111.8	1106.9	1098.3	1076.9	1034.1	967.1	853.9	678.4	473.2	276.8
27°	1130.0	1127.3	1125.2	1125.2	1132.7	1125.9	1111.5	1082.8	1026.9	925.2	754.9	537.6	316.8
28°	1123.2	1121.2	1123.2	1128.6	1139.4	1146.8	1141.4	1123.2	1080.7	995.6	836.2	612.1	363.9
29°	1111.1	1110.4	1113.8	1124.6	1142.1	1156.2	1159.6	1152.2	1120.3	1051.2	906.2	682.6	411.0
30°	1093.6	1092.0	1099.7	1115.1	1138.7	1158.9	1171.0	1173.1	1153.5	1097.6	971.6	753.7	461.6
31°	1066.7	1065.8	1075.4	1097.2	1129.3	1155.5	1175.1	1187.9	1181.1	1142.1	1038.3	829.7	520.5
32°	1038.4	1036.4	1047.8	1072.9	1111.8	1146.8	1173.7	1194.6	1200.7	1175.8	1091.9	897.3	576.5
33°	1004.7	1001.4	1015.5	1041.1	1088.2	1129.3	1167.0	1196.6	1214.8	1205.4	1139.6	964.2	632.3
34°	971.4	969.4	980.0	1008.4	1055.9	1104.8	1151.5	1193.3	1225.6	1227.6	1183.2	1019.5	691.1
35°	939.8	937.7	946.8	975.1	1022.9	1076.4	1130.0	1183.2	1229.6	1245.8	1216.2	1068.8	742.2
36°	905.0	902.6	910.0	937.0	986.5	1041.1	1101.0	1163.0	1229.6	1261.3	1245.1	1113.1	792.6
37°	872.5	869.2	876.1	900.5	950.7	1006.9	1070.7	1138.7	1219.5	1270.0	1266.7	1148.1	833.2
38°	838.4	834.9	841.2	863.2	913.6	971.4	1037.7	1110.1	1202.0	1272.7	1281.5	1177.1	868.9
39°	800.4	797.5	803.2	822.3	871.7	931.8	999.7	1077.5	1175.1	1263.3	1292.2	1202.7	902.4
40°	764.6	763.1	768.5	785.4	833.3	895.3	964.4	1044.9	1146.8	1242.4	1293.6	1220.9	927.6
41°	727.5	724.5	734.3	746.3	796.4	855.5	928.7	1007.1	1114.5	1212.1	1285.5	1235.0	947.1
42°	687.4	689.5	697.9	712.3	757.8	820.9	891.0	971.6	1074.7	1179.8	1261.3	1240.4	961.3
43°	650.6	654.9	665.0	680.7	725.2	789.2	858.4	936.2	1037.0	1143.4	1228.9	1235.7	968.2
44°	611.2	617.2	630.2	647.8	692.6	757.6	825.5	898.2	992.9	1100.0	1188.5	1219.5	967.6
45°	575.2	582.2	598.0	618.7	664.6	729.6	797.0	864.8	952.2	1058.0	1147.5	1193.9	958.7

Photometric test report

Family Licross® Trunking	Order number: 51TH3WDD46XA EAN: 4058352329764	LP number 58935_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												
0°	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
1°	44.3	44.0	43.8	43.7	43.6	43.6	43.5	43.6	43.6	43.7	43.8	43.9	44.1
2°	44.5	44.2	44.0	43.8	43.6	43.5	43.5	43.5	43.5	43.5	43.6	43.7	43.8
3°	44.7	44.4	44.1	43.8	43.6	43.4	43.3	43.3	43.3	43.3	43.4	43.5	43.5
4°	45.0	44.5	44.1	43.8	43.5	43.3	43.1	43.1	43.0	43.1	43.0	43.1	43.1
5°	45.4	44.7	44.2	43.8	43.4	43.1	42.9	42.8	42.7	42.6	42.6	42.6	42.6
6°	45.7	44.9	44.2	43.7	43.3	42.9	42.6	42.4	42.2	42.2	42.0	42.0	41.9
7°	46.2	45.1	44.3	43.6	43.0	42.6	42.1	41.9	41.7	41.5	41.3	41.3	41.1
8°	46.6	45.4	44.3	43.4	42.7	42.2	41.7	41.4	41.0	40.8	40.6	40.5	40.4
9°	47.2	45.6	44.3	43.2	42.4	41.7	41.1	40.8	40.4	40.1	39.8	39.8	39.6
10°	48.0	45.9	44.3	43.0	42.0	41.2	40.5	40.1	39.6	39.3	39.0	38.9	38.7
11°	48.9	46.3	44.4	42.8	41.6	40.7	40.0	39.5	39.0	38.6	38.4	38.2	38.0
12°	50.1	46.7	44.4	42.6	41.2	40.2	39.4	38.9	38.3	38.0	37.7	37.6	37.2
13°	51.4	47.4	44.5	42.4	40.8	39.7	38.8	38.2	37.7	37.3	37.0	36.8	36.4
14°	53.1	48.0	44.5	42.1	40.3	39.2	38.2	37.6	37.0	36.7	36.3	36.1	35.7
15°	55.4	48.9	44.6	41.7	39.8	38.6	37.6	36.9	36.3	35.9	35.4	35.1	34.7
16°	58.0	49.7	44.6	41.4	39.4	38.1	37.0	36.2	35.5	35.0	34.5	34.2	33.8
17°	61.0	50.8	44.7	41.2	39.0	37.6	36.4	35.5	34.7	34.2	33.6	33.2	32.8
18°	65.1	52.1	44.9	40.9	38.6	36.9	35.7	34.7	33.9	33.3	32.7	32.3	31.7
19°	69.6	53.6	45.2	40.7	38.1	36.4	35.0	34.1	33.2	32.6	32.0	31.4	30.7
20°	75.8	55.4	45.6	40.5	37.6	35.8	34.4	33.5	32.6	32.0	31.2	30.7	29.7
21°	82.6	57.7	46.0	40.2	37.1	35.3	33.9	32.9	32.1	31.4	30.6	29.9	28.9
22°	91.1	60.3	46.5	40.0	36.7	34.8	33.3	32.5	31.6	30.8	29.9	29.1	28.0
23°	102.3	63.6	47.0	39.7	36.1	34.2	32.9	32.0	30.9	30.1	29.2	28.3	27.1
24°	114.5	67.1	47.5	39.4	35.6	33.6	32.6	31.5	30.2	29.4	28.5	27.5	26.3
25°	129.8	71.1	48.0	39.0	35.0	33.1	32.2	30.8	29.5	28.7	27.7	26.7	25.3
26°	145.8	76.0	48.5	38.6	34.4	32.6	31.7	29.9	28.7	27.9	26.9	25.8	24.4
27°	164.0	81.0	49.0	38.1	33.8	32.2	30.8	29.2	27.9	27.1	26.0	24.9	23.5
28°	186.2	87.1	49.5	37.5	33.1	31.5	29.9	28.2	27.0	26.1	25.0	23.9	22.4
29°	208.7	93.3	50.0	36.9	32.4	30.7	29.0	27.3	26.0	25.2	24.0	22.9	21.3
30°	233.3	100.2	50.4	36.2	31.6	29.7	28.0	26.3	25.1	24.2	22.9	21.8	20.2
31°	262.4	108.4	50.9	35.4	30.6	28.6	26.6	25.0	23.9	22.9	21.7	20.6	19.0
32°	291.8	116.7	51.2	34.6	29.5	27.3	25.2	23.9	22.7	21.7	20.5	19.4	17.7
33°	324.6	125.3	51.5	33.6	28.2	26.0	23.7	22.6	21.3	20.5	19.2	18.2	16.4
34°	354.9	134.8	51.6	32.5	27.0	24.5	22.4	21.2	20.1	19.1	18.0	16.8	15.2
35°	384.2	143.5	51.5	31.4	25.8	23.1	21.0	19.9	18.8	17.8	16.7	15.5	14.0
36°	414.3	152.0	51.1	30.1	24.5	21.5	19.6	18.4	17.3	16.4	15.3	14.1	12.8
37°	439.9	158.7	50.4	28.9	23.1	20.1	18.2	17.1	16.0	15.1	14.0	12.9	11.7
38°	463.2	163.9	49.3	27.6	21.7	18.8	16.9	15.8	14.7	13.9	12.7	11.9	10.8
39°	484.9	167.8	47.6	26.1	20.3	17.4	15.5	14.4	13.3	12.5	11.5	10.8	9.8
40°	501.1	169.0	45.7	24.8	19.0	16.1	14.2	13.2	12.1	11.3	10.4	9.9	9.6
41°	513.3	167.9	43.1	23.4	17.6	14.8	12.9	12.0	10.9	10.3	9.4	9.2	9.2
42°	519.3	163.9	40.4	21.8	16.3	13.5	11.7	10.8	10.0	9.2	8.6	8.5	8.9
43°	520.4	157.7	37.6	20.4	15.1	12.3	10.7	9.8	9.1	8.4	7.9	8.0	8.6
44°	516.6	148.6	34.3	18.8	13.7	11.1	9.7	8.9	8.3	7.6	7.3	7.5	8.4
45°	507.8	138.5	31.3	17.4	12.6	10.1	8.8	8.2	7.6	7.0	6.8	7.2	8.2

Photometric test report

Family Licross® Trunking	Order number: 51TH3WDD46XA EAN: 4058352329764	LP number 58935_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°	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	0.0	0.0
1°	44.2	44.1	44.0	43.9	43.7	43.3	42.8	42.4	42.1	41.7	41.5	0.1	0.1
2°	43.9	43.8	43.7	43.5	43.3	42.9	42.4	41.9	41.7	41.3	41.1	0.2	0.3
3°	43.6	43.4	43.3	43.1	42.8	42.4	41.9	41.4	41.2	40.8	40.6	0.3	0.5
4°	43.1	42.9	42.8	42.5	42.3	41.8	41.3	40.9	40.7	40.3	40.1	0.3	0.9
5°	42.5	42.3	42.1	41.8	41.6	41.2	40.7	40.3	40.1	39.8	39.6	0.4	1.3
6°	41.8	41.6	41.5	41.2	41.0	40.5	40.0	39.6	39.4	39.1	38.9	0.5	1.8
7°	41.1	40.8	40.6	40.3	40.1	39.6	39.1	38.7	38.5	38.2	38.0	0.6	2.4
8°	40.2	40.0	39.8	39.4	39.2	38.7	38.2	37.8	37.6	37.2	37.1	0.7	3.1
9°	39.4	39.1	38.9	38.5	38.2	37.7	37.2	36.7	36.5	36.1	36.0	0.8	4.0
10°	38.5	38.2	37.9	37.5	37.1	36.5	35.9	35.4	35.1	34.7	34.6	1.0	5.0
11°	37.7	37.3	37.0	36.5	36.1	35.3	34.7	34.1	33.8	33.3	33.2	1.2	6.1
12°	37.0	36.5	36.2	35.5	35.1	34.1	33.5	32.6	32.4	31.8	31.8	1.4	7.6
13°	36.1	35.7	35.2	34.5	33.9	32.9	32.1	31.3	30.9	30.4	30.3	1.8	9.3
14°	35.3	34.9	34.4	33.6	32.8	31.8	30.9	30.0	29.6	29.0	28.9	2.2	11.6
15°	34.4	33.9	33.4	32.5	31.6	30.5	29.5	28.7	28.2	27.7	27.6	2.8	14.4
16°	33.4	32.9	32.3	31.4	30.5	29.3	28.3	27.5	27.0	26.5	26.4	3.5	17.9
17°	32.4	31.9	31.2	30.3	29.3	28.1	27.1	26.3	25.8	25.3	25.2	4.4	22.2
18°	31.2	30.6	30.0	29.0	28.0	26.8	25.8	25.0	24.5	24.0	23.9	5.4	27.7
19°	30.1	29.4	28.7	27.7	26.8	25.5	24.6	23.8	23.3	22.9	22.8	6.6	34.2
20°	29.1	28.1	27.5	26.3	25.5	24.1	23.4	22.5	22.1	21.6	21.7	7.9	42.1
21°	28.0	27.0	26.1	25.0	24.1	22.9	22.0	21.1	20.7	20.3	20.3	9.3	51.4
22°	27.1	25.9	24.8	23.7	22.7	21.4	20.6	19.7	19.3	18.9	18.9	10.7	62.1
23°	26.0	24.6	23.5	22.2	21.1	19.7	18.6	17.5	17.0	16.5	16.5	12.2	74.3
24°	25.0	23.6	22.3	20.8	19.4	17.8	16.7	15.5	14.9	14.3	14.2	13.6	87.9
25°	24.0	22.4	21.0	19.2	17.8	16.0	15.0	13.7	13.5	13.5	13.5	15.0	102.9
26°	23.0	21.3	19.5	17.7	16.2	14.5	13.5	13.5	13.6	13.7	13.8	16.3	119.2
27°	21.9	20.1	18.2	16.4	14.7	13.3	13.4	13.5	13.4	13.1	13.1	17.6	136.8
28°	20.8	18.7	16.8	15.0	13.2	13.3	13.3	12.9	12.6	12.5	12.5	18.8	155.6
29°	19.6	17.5	15.7	13.4	13.1	13.2	12.9	12.4	12.4	12.5	12.5	19.9	175.5
30°	18.5	16.3	14.5	12.8	13.0	12.9	12.5	12.5	12.7	13.0	13.0	20.9	196.4
31°	17.2	15.1	12.8	12.8	12.9	12.4	12.6	12.8	13.0	13.2	13.2	21.9	218.3
32°	16.0	13.9	12.5	12.7	12.5	12.6	12.8	12.9	13.1	13.2	13.3	22.7	241.0
33°	14.8	12.2	12.4	12.6	12.4	12.6	12.8	13.0	13.2	13.4	13.4	23.5	264.5
34°	13.5	11.9	12.4	12.2	12.4	12.7	13.0	13.2	13.5	13.9	14.0	24.2	288.7
35°	12.3	11.8	12.3	12.2	12.4	12.9	13.2	13.6	14.3	15.1	15.2	24.7	313.4
36°	11.1	11.7	11.7	12.0	12.5	13.1	13.6	14.7	15.5	15.8	15.9	25.2	338.7
37°	10.8	11.6	11.6	12.0	12.8	13.3	14.5	15.6	15.3	14.7	14.6	25.6	364.2
38°	10.7	11.2	11.5	12.1	12.9	14.0	15.4	14.6	14.0	14.0	14.0	25.8	390.1
39°	10.5	11.0	11.4	12.4	13.2	14.9	14.5	13.4	15.0	17.7	18.2	25.9	416.0
40°	10.3	10.8	11.4	12.5	13.7	14.2	12.9	14.6	18.8	22.6	23.3	26.0	442.0
41°	10.0	10.7	11.6	12.7	13.8	12.8	12.8	19.8	24.6	29.8	29.9	25.9	467.9
42°	9.9	10.6	11.7	12.8	12.8	11.6	17.7	27.0	33.4	38.5	39.5	25.8	493.7
43°	9.8	10.6	11.8	12.1	11.7	14.0	25.0	36.5	44.1	47.2	47.2	25.6	519.3
44°	9.6	10.6	11.6	11.3	10.8	20.5	35.4	44.5	42.0	38.9	38.0	25.2	544.5
45°	9.5	10.6	10.6	10.4	12.8	29.0	41.8	39.2	28.1	14.4	10.9	24.6	569.1

Photometric test report

Family Licross® Trunking	Order number: 51TH3WDD46XA EAN: 4058352329764	LP number 58935_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°	539.3	546.3	565.1	589.3	637.2	701.9	769.1	832.9	912.6	1015.1	1105.0	1159.6	940.8
47°	501.7	508.1	529.5	556.3	605.9	670.4	738.1	799.8	871.3	969.4	1056.6	1116.8	910.4
48°	468.4	474.4	496.6	524.9	576.6	639.6	709.3	770.6	837.4	928.2	1010.6	1072.7	875.3
49°	436.6	439.6	463.6	489.9	544.7	603.8	677.4	739.1	806.6	885.9	964.0	1017.0	833.6
50°	403.9	409.7	430.0	458.2	508.3	568.4	639.6	708.8	776.4	850.8	914.1	964.2	783.6
51°	376.0	381.7	401.2	427.4	475.1	532.1	602.4	677.3	749.9	819.9	870.0	910.0	733.7
52°	348.1	354.2	373.0	396.7	440.5	492.5	560.3	641.0	720.3	791.2	825.8	852.4	678.0
53°	324.7	331.2	349.3	371.4	411.2	458.5	522.3	606.4	691.4	767.7	790.4	802.2	628.1
54°	303.8	310.4	327.8	348.8	384.9	427.1	487.0	570.0	660.3	744.2	759.4	754.3	580.5
55°	283.6	289.4	306.4	326.5	359.7	396.6	452.3	530.0	624.6	716.4	729.6	706.1	531.6
56°	267.1	271.2	287.8	307.6	338.9	372.4	423.5	494.9	589.9	687.6	705.0	666.5	489.4
57°	251.0	252.7	270.7	288.5	319.9	349.6	398.4	460.9	555.2	653.7	680.8	628.9	450.2
58°	233.7	236.6	252.7	271.2	300.3	330.6	373.5	433.5	518.7	620.2	653.9	598.4	411.1
59°	217.4	220.9	237.0	254.1	283.1	312.5	352.6	409.2	487.9	586.1	628.3	572.4	379.5
60°	200.3	204.2	220.5	236.2	264.8	292.7	331.9	385.9	458.9	550.1	599.2	547.3	351.2
61°	184.9	189.6	205.5	220.8	248.4	275.2	313.8	366.5	436.4	520.2	571.4	526.1	329.8
62°	170.8	175.1	190.5	206.1	231.9	258.0	296.6	348.2	416.6	493.8	544.2	505.7	311.2
63°	156.1	159.6	174.6	190.3	213.9	239.9	278.5	328.6	396.8	468.3	514.5	482.8	293.3
64°	143.6	145.7	160.3	175.8	197.9	223.6	261.8	310.7	378.9	447.0	489.2	460.3	277.7
65°	131.2	131.2	146.7	159.9	182.2	205.9	244.9	291.3	360.3	425.2	465.8	435.4	263.4
66°	118.1	118.9	132.8	145.6	165.7	189.8	226.1	273.4	339.3	405.8	443.2	413.5	248.5
67°	106.9	107.6	120.9	132.1	151.5	173.9	209.2	255.6	320.3	386.7	424.2	392.9	235.7
68°	95.2	96.0	108.8	118.1	136.3	156.9	190.4	235.4	299.3	365.0	403.2	371.6	223.0
69°	85.5	86.5	98.5	106.2	123.4	142.4	173.9	217.2	279.7	344.4	383.8	353.5	212.2
70°	76.8	77.4	89.1	94.9	111.4	127.5	158.0	197.4	259.5	320.3	363.5	333.8	202.6
71°	68.9	70.2	79.9	86.0	99.8	115.3	142.0	180.0	237.2	297.6	340.2	314.9	192.3
72°	62.8	63.8	72.2	78.4	90.6	104.0	128.8	163.1	217.0	274.4	318.0	296.4	181.7
73°	57.2	57.6	64.9	71.1	81.4	93.2	115.8	145.9	195.8	249.2	293.6	276.3	169.2
74°	52.8	52.4	59.1	65.2	74.1	84.7	105.6	131.5	178.0	227.3	271.9	258.1	158.7
75°	48.7	47.8	54.2	60.0	67.6	77.4	96.3	119.2	161.7	206.7	250.4	239.0	148.3
76°	44.5	43.4	49.6	54.8	61.4	70.7	86.9	107.5	145.2	185.9	225.9	217.4	137.0
77°	40.7	39.8	45.8	50.6	56.5	65.4	79.1	98.1	131.6	168.1	203.4	197.0	125.4
78°	37.1	36.1	42.2	46.4	52.2	60.3	72.1	89.4	118.8	151.2	181.7	175.2	113.2
79°	33.4	33.0	38.5	42.7	48.1	55.8	65.4	82.4	106.1	136.8	159.9	156.6	99.1
80°	30.2	30.0	35.2	39.4	44.9	51.6	60.0	76.0	95.8	123.8	141.9	139.7	87.5
81°	27.0	26.9	31.7	36.0	41.5	47.0	54.7	69.2	85.4	113.3	124.0	123.4	76.9
82°	24.3	24.1	28.7	33.1	38.4	43.0	50.3	63.1	76.6	99.4	109.5	109.2	69.4
83°	21.7	21.5	25.8	30.3	35.4	39.0	46.3	57.2	68.5	88.6	94.2	95.9	62.0
84°	19.0	18.7	22.9	27.5	31.9	34.9	42.1	50.8	60.4	77.6	83.8	82.9	53.5
85°	16.6	16.5	20.4	24.9	28.5	31.2	38.2	45.0	53.3	67.9	72.2	71.7	45.3
86°	14.2	14.1	18.2	22.1	25.2	27.4	34.1	38.4	46.5	57.0	60.8	59.0	36.6
87°	11.9	12.3	16.0	19.6	21.5	24.0	29.6	32.8	39.3	47.1	48.4	46.7	27.0
88°	10.1	10.6	14.1	17.1	18.4	20.8	25.3	27.1	32.9	37.7	36.8	34.0	18.4
89°	8.4	9.0	12.1	14.3	15.0	17.2	20.7	21.4	26.1	27.6	24.6	20.8	10.4
90°	7.0	7.6	10.4	12.1	12.3	14.2	16.3	16.1	19.4	18.2	14.1	10.2	4.8
91°	5.7	6.3	8.7	9.6	9.6	11.1	12.3	11.5	13.4	10.5	6.3	3.2	1.4

Photometric test report

Family Licross® Trunking	Order number: 51TH3WDD46XA EAN: 4058352329764	LP number 58935_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°	493.7	127.1	28.2	15.9	11.4	9.2	8.0	7.6	7.0	6.5	6.4	6.9	8.1
47°	472.1	113.5	24.9	14.2	10.2	8.3	7.3	7.0	6.5	6.0	6.0	6.6	8.1
48°	447.7	101.0	22.1	12.8	9.2	7.5	6.7	6.5	6.1	5.7	5.7	6.4	7.9
49°	417.4	88.4	19.2	11.4	8.2	6.9	6.2	6.1	5.7	5.4	5.5	6.3	7.8
50°	386.1	75.5	16.8	10.0	7.4	6.2	5.7	5.7	5.4	5.1	5.3	6.2	7.7
51°	352.9	65.1	14.7	8.9	6.6	5.7	5.4	5.4	5.2	4.9	5.1	6.1	7.6
52°	316.5	55.3	12.8	7.9	6.0	5.2	5.0	5.2	5.0	4.7	4.9	6.0	7.3
53°	284.9	47.9	11.4	7.1	5.4	4.8	4.7	5.0	4.8	4.6	4.8	5.9	6.6
54°	255.8	42.1	10.2	6.4	5.0	4.5	4.4	4.8	4.7	4.5	4.7	5.8	5.9
55°	226.5	37.3	9.1	5.8	4.6	4.1	4.2	4.7	4.6	4.4	4.6	5.6	5.0
56°	202.4	33.7	8.4	5.3	4.2	3.8	4.0	4.6	4.5	4.3	4.6	5.4	4.2
57°	179.2	30.8	7.7	4.9	3.9	3.6	3.8	4.5	4.4	4.3	4.4	5.0	3.6
58°	160.5	28.2	7.2	4.5	3.6	3.3	3.6	4.4	4.4	4.3	4.2	4.5	3.2
59°	144.9	26.4	6.7	4.2	3.4	3.1	3.4	4.3	4.4	4.3	4.1	3.9	2.9
60°	131.6	24.9	6.3	3.9	3.1	2.9	3.3	4.3	4.4	4.3	4.0	3.4	2.4
61°	122.2	23.8	5.9	3.7	2.9	2.7	3.1	4.2	4.5	4.3	3.9	3.1	1.7
62°	114.7	22.8	5.6	3.4	2.8	2.6	3.0	4.2	4.5	4.3	3.9	2.9	1.6
63°	107.3	21.7	5.3	3.2	2.6	2.4	2.8	4.1	4.6	4.2	3.8	2.7	1.7
64°	101.0	20.6	5.0	3.0	2.5	2.3	2.7	4.1	4.6	4.2	3.6	2.3	1.9
65°	96.5	19.5	4.7	2.8	2.3	2.1	2.6	4.1	4.7	4.2	3.2	2.2	2.1
66°	90.4	18.6	4.5	2.7	2.2	2.0	2.4	4.0	4.7	4.1	3.0	2.3	2.3
67°	86.7	17.9	4.3	2.5	2.0	1.9	2.3	4.0	4.7	4.1	2.6	2.3	2.5
68°	83.3	17.2	4.0	2.4	1.9	1.7	2.2	4.0	4.7	3.9	2.3	2.4	2.7
69°	80.6	16.7	3.8	2.2	1.8	1.6	2.2	4.0	4.6	3.7	2.3	2.5	2.9
70°	77.6	16.0	3.6	2.1	1.7	1.5	2.0	3.9	4.5	2.9	2.2	2.5	3.0
71°	74.1	15.2	3.5	2.0	1.6	1.5	2.0	3.8	4.3	2.3	2.1	2.5	3.0
72°	70.1	14.3	3.3	1.8	1.5	1.4	1.9	3.7	4.1	1.9	2.0	2.4	2.9
73°	64.8	13.2	3.1	1.7	1.3	1.3	1.8	3.5	3.7	1.7	1.9	2.4	2.9
74°	59.8	12.2	2.9	1.6	1.2	1.2	1.7	3.4	3.3	1.5	1.8	2.3	2.8
75°	55.1	11.3	2.8	1.5	1.2	1.1	1.6	3.3	2.5	1.4	1.8	2.2	2.7
76°	49.9	10.4	2.7	1.4	1.1	1.0	1.5	3.1	1.4	1.3	1.6	2.1	2.5
77°	45.1	9.8	2.6	1.4	1.0	1.0	1.4	3.0	1.1	1.2	1.6	2.0	2.4
78°	40.7	9.4	2.5	1.3	0.9	0.9	1.3	2.8	1.0	1.2	1.5	1.9	2.2
79°	36.7	9.1	2.5	1.2	0.8	0.8	1.2	2.6	0.9	1.1	1.4	1.8	2.1
80°	32.9	9.2	2.5	1.1	0.7	0.7	1.1	2.0	0.9	1.0	1.3	1.6	1.9
81°	30.2	9.5	2.4	1.0	0.7	0.6	1.1	1.0	0.8	1.0	1.2	1.5	1.8
82°	29.6	9.9	2.4	1.0	0.6	0.6	1.0	0.8	0.8	0.9	1.2	1.4	1.6
83°	29.4	10.2	2.5	0.9	0.6	0.5	0.8	0.7	0.7	0.9	1.1	1.3	1.5
84°	27.2	9.8	2.3	0.8	0.5	0.5	0.8	0.6	0.7	0.9	1.0	1.2	1.3
85°	23.0	9.5	2.2	0.8	0.5	0.5	0.7	0.6	0.7	0.8	1.0	1.1	1.2
86°	16.9	7.8	2.0	0.7	0.4	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
87°	11.4	5.2	1.6	0.6	0.4	0.4	0.5	0.5	0.6	0.7	0.8	1.0	1.0
88°	6.6	2.9	1.1	0.5	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9	1.0
89°	2.8	1.1	0.5	0.4	0.3	0.4	0.4	0.5	0.6	0.7	0.8	0.8	0.9
90°	1.2	0.5	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.9
91°	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.6	0.7	0.8	0.8

Photometric test report

Family Licross® Trunking		Order number: 51TH3WDD46XA EAN: 4058352329764										LP number 58935_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°	9.4	10.6	9.9	9.4	17.4	36.1	35.0	9.6	2.0	1.0	0.9	23.9	593.1
47°	9.2	9.6	9.1	9.7	24.7	29.0	3.8	0.8	0.6	0.5	0.5	23.1	616.2
48°	9.1	8.6	8.2	12.5	28.5	3.7	0.7	0.5	0.5	0.5	0.5	22.3	638.5
49°	8.8	7.7	7.5	17.0	11.2	0.6	0.5	0.5	0.5	0.3	0.3	21.5	660.0
50°	8.0	6.9	7.6	14.6	0.9	0.5	0.5	0.3	0.3	0.3	0.3	20.5	680.5
51°	7.1	6.2	8.6	2.3	0.6	0.5	0.3	0.3	0.3	0.2	0.2	19.6	700.1
52°	6.1	5.3	8.3	0.6	0.5	0.3	0.3	0.3	0.2	0.2	0.2	18.6	718.7
53°	5.3	4.7	1.8	0.6	0.4	0.3	0.3	0.2	0.2	0.2	0.2	17.8	736.5
54°	4.6	4.8	0.7	0.5	0.3	0.3	0.2	0.2	0.2	0.2	0.2	16.9	753.5
55°	4.0	1.9	0.6	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	16.1	769.5
56°	3.4	0.8	0.6	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	15.3	784.8
57°	2.8	0.8	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	14.6	799.4
58°	1.4	0.8	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	13.8	813.3
59°	1.0	0.7	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	13.2	826.4
60°	1.1	0.8	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	12.5	839.0
61°	1.1	0.9	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	12.0	850.9
62°	1.3	1.1	0.9	0.7	0.6	0.5	0.4	0.3	0.3	0.3	0.3	11.4	862.3
63°	1.5	1.3	1.1	0.9	0.7	0.6	0.5	0.4	0.4	0.4	0.4	10.8	873.2
64°	1.8	1.6	1.3	1.1	0.9	0.7	0.6	0.5	0.5	0.5	0.4	10.3	883.5
65°	2.0	1.9	1.6	1.3	1.1	0.9	0.7	0.7	0.6	0.6	0.5	9.8	893.3
66°	2.3	2.2	1.9	1.6	1.3	1.1	0.9	0.8	0.7	0.7	0.6	9.2	902.5
67°	2.6	2.5	2.1	1.8	1.5	1.2	1.0	0.9	0.8	0.8	0.7	8.7	911.2
68°	2.8	2.7	2.4	2.0	1.7	1.4	1.2	1.1	0.9	0.9	0.8	8.2	919.4
69°	3.0	2.9	2.5	2.2	1.8	1.5	1.3	1.2	1.0	1.0	0.9	7.7	927.2
70°	3.1	3.1	2.7	2.3	1.9	1.6	1.4	1.2	1.1	1.0	1.0	7.2	934.4
71°	3.2	3.1	2.8	2.4	2.0	1.7	1.5	1.3	1.2	1.1	1.1	6.7	941.1
72°	3.1	3.0	2.7	2.3	2.0	1.7	1.5	1.3	1.2	1.1	1.1	6.2	947.3
73°	3.1	3.0	2.7	2.4	2.0	1.7	1.5	1.3	1.2	1.1	1.1	5.7	953.0
74°	3.0	2.9	2.7	2.3	2.0	1.7	1.5	1.3	1.2	1.1	1.1	5.3	958.3
75°	2.9	2.8	2.6	2.3	2.0	1.7	1.5	1.3	1.2	1.1	1.1	4.9	963.2
76°	2.7	2.7	2.5	2.2	1.9	1.6	1.4	1.3	1.2	1.1	1.1	4.5	967.7
77°	2.6	2.5	2.3	2.0	1.8	1.6	1.4	1.2	1.1	1.0	1.0	4.1	971.7
78°	2.4	2.3	2.2	1.9	1.7	1.5	1.3	1.2	1.1	1.0	1.0	3.7	975.4
79°	2.2	2.2	2.0	1.8	1.6	1.4	1.3	1.2	1.0	1.0	0.9	3.3	978.8
80°	2.0	2.0	1.9	1.7	1.5	1.4	1.2	1.1	1.0	0.9	0.9	3.0	981.8
81°	1.9	1.9	1.8	1.6	1.5	1.3	1.2	1.1	1.0	0.9	0.9	2.7	984.6
82°	1.7	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.9	0.8	2.5	987.1
83°	1.6	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.8	2.2	989.3
84°	1.4	1.4	1.4	1.3	1.2	1.1	1.0	0.9	0.9	0.8	0.8	2.0	991.3
85°	1.3	1.3	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.8	0.8	1.8	993.0
86°	1.2	1.2	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.8	0.7	1.5	994.5
87°	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.7	1.2	995.8
88°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	1.0	996.7
89°	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	997.5
90°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.5	998.0
91°	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.4	998.4

Photometric test report

Family Licross® Trunking	Order number: 51TH3WDD46XA EAN: 4058352329764	LP number 58935_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°	4.7	5.2	7.0	7.2	7.0	7.9	8.0	6.6	6.8	3.9	1.6	0.5	0.4
93°	4.1	4.2	5.3	5.1	4.9	5.1	4.8	3.1	2.4	0.9	0.5	0.3	0.3
94°	3.5	3.0	3.3	2.4	2.5	1.9	1.7	0.7	0.5	0.4	0.3	0.3	0.3
95°	2.1	1.6	1.4	0.9	0.7	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.2
96°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2
97°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
98°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
99°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
100°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
101°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
102°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
103°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
104°	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
105°	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
106°	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
107°	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
108°	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
109°	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
110°	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
111°	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
112°	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
113°	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
114°	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
115°	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
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: 51TH3WDD46XA EAN: 4058352329764	LP number 58935_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°	0.3	0.3	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.8
93°	0.3	0.3	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.7
94°	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.7	0.7
95°	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.7	0.7
96°	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.7	0.7
97°	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.7	0.7
98°	0.2	0.2	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.7	0.7
99°	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.7
100°	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.8
101°	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.8
102°	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.8
103°	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.8
104°	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.8
105°	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.8
106°	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.9
107°	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.9
108°	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
109°	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
110°	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.9
111°	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
112°	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.7	0.8	0.9	1.0
113°	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	0.9	1.0
114°	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.8	1.0	1.1	1.2
115°	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.1	1.2
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: 51TH3WDD46XA EAN: 4058352329764	LP number 58935_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°	0.8	0.8	0.8	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.2	998.6
93°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.2	998.8
94°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.1	998.9
95°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.1	999.0
96°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.1	999.0
97°	0.7	0.8	0.8	0.8	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.1	999.1
98°	0.7	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.1	999.1
99°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.1	999.2
100°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.1	999.2
101°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.1	999.3
102°	0.8	0.9	0.9	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.0	999.3
103°	0.8	0.9	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.0	999.4
104°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.1	999.4
105°	0.9	0.9	1.0	1.0	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.1	999.5
106°	0.9	1.0	1.0	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.1	999.5
107°	0.9	1.0	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.1	999.6
108°	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.1	999.6
109°	1.0	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.1	999.7
110°	1.0	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0	0.1	999.7
111°	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	0.1	999.8
112°	1.1	1.1	1.2	1.2	1.3	1.2	1.2	1.2	1.1	1.1	1.0	0.1	999.8
113°	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	0.1	999.9
114°	1.3	1.3	1.4	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	0.1	999.9
115°	1.3	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	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: 51TH3WDD46XA EAN: 4058352329764	LP number 58935_1
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siteco

UGR-Table		Standard room									
Room dimensions		View crosswise (C0)					View endwise (C90)				
x	y										
2H	2H	33.7	35.4	34.1	35.7	36.1	30.0	31.7	30.3	32.0	32.3
	3H	33.9	35.5	34.3	35.8	36.2	29.8	31.4	30.2	31.7	32.1
	4H	34.0	35.4	34.4	35.8	36.1	29.7	31.2	30.1	31.6	32.0
	6H	34.0	35.3	34.4	35.7	36.1	29.7	31.1	30.1	31.4	31.8
	8H	34.0	35.2	34.4	35.6	36.0	29.6	31.0	30.0	31.4	31.8
	12H	34.0	35.2	34.5	35.6	36.0	29.6	30.9	30.0	31.3	31.7
4H	2H	34.8	36.3	35.2	36.7	37.1	31.9	33.3	32.3	33.6	34.0
	3H	35.2	36.5	35.7	36.9	37.3	32.4	33.6	32.8	34.0	34.4
	4H	35.3	36.4	35.8	36.8	37.3	32.4	33.5	32.9	33.9	34.4
	6H	35.4	36.3	35.8	36.7	37.2	32.4	33.3	32.8	33.8	34.2
	8H	35.4	36.2	35.8	36.7	37.1	32.3	33.2	32.8	33.7	34.1
	12H	35.4	36.2	35.9	36.6	37.1	32.3	33.1	32.8	33.6	34.1
8H	4H	35.8	36.7	36.2	37.1	37.6	33.1	34.0	33.6	34.4	34.9
	6H	35.9	36.6	36.4	37.1	37.6	33.3	34.0	33.8	34.5	35.0
	8H	35.9	36.6	36.4	37.1	37.6	33.3	33.9	33.8	34.4	34.9
	12H	36.0	36.5	36.5	37.0	37.5	33.3	33.8	33.8	34.3	34.9
12H	4H	35.8	36.7	36.3	37.1	37.6	33.2	33.9	33.7	34.4	34.9
	6H	36.0	36.7	36.5	37.2	37.7	33.4	34.0	33.9	34.5	35.0
	8H	36.1	36.6	36.6	37.1	37.7	33.5	34.0	34.0	34.5	35.1

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°	222945.7	242493.7	323107.1	453718.5	444575.2	16036.7	5833.1	4391.0	4146.3	6124.5	7360.0	22628.2	6264.1
50°	162011.2	186116.7	269859.3	382529.5	385203.4	9253.1	3949.8	3432.5	3911.7	4390.4	602.4	200.6	179.7
55°	118821.3	138734.6	200503.7	341185.5	280315.9	5501.7	2931.8	3243.4	3995.3	1384.4	215.6	134.5	115.2
60°	88499.8	106047.7	156244.9	280803.1	201347.9	4192.4	2385.5	3610.4	2758.4	653.7	319.1	192.6	142.8
65°	61831.4	76690.1	123940.0	235753.4	166832.4	3574.8	2067.2	4492.6	2132.9	1840.3	1027.3	649.8	506.9
70°	39121.2	49272.4	87127.7	196010.9	144570.6	3213.6	1839.7	5383.1	2997.0	3638.9	2306.2	1478.2	1189.5
75°	27205.4	34232.2	58833.7	142272.7	122252.3	3022.0	1762.6	3906.8	3545.8	4480.7	3132.7	2101.6	1740.6
80°	18816.5	25155.1	41435.6	98294.3	86172.0	3362.8	1724.8	2025.6	3860.9	4716.2	3640.0	2610.7	2152.5
85°	11762.9	18214.2	30639.9	64197.3	55866.5	4227.7	2111.5	3150.9	5295.2	6212.9	5487.2	4223.1	3595.7

Photometric test report

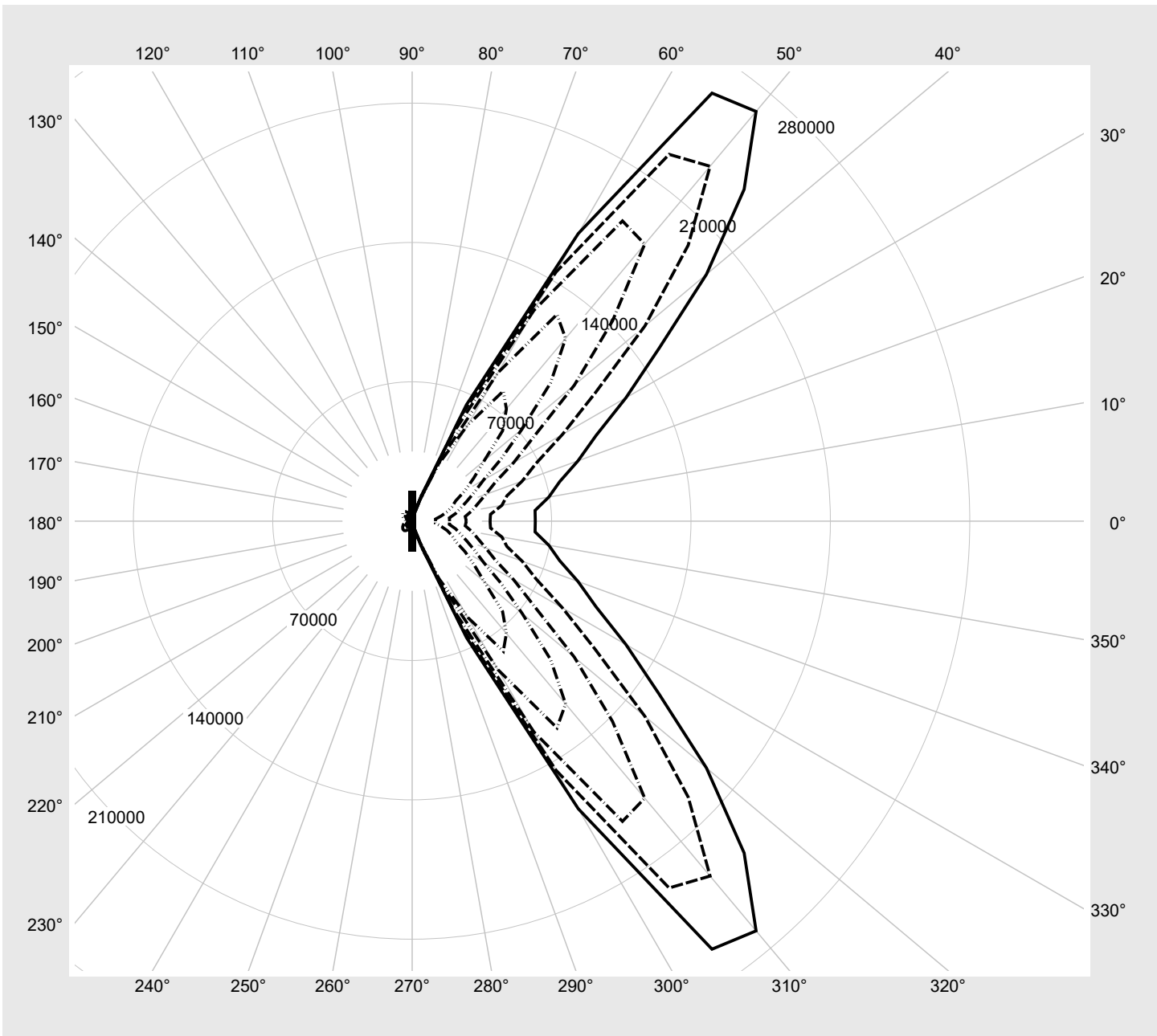
Family
Licross® Trunking

Order number: 51TH3WDD46XA
EAN: 4058352329764

LP number
58935_1

Luminance values in cd/m²

γ 65° γ 70° γ 75° γ 80° γ 85°



Photometric test report

Family Licross® Trunking	Order number: 51TH3WDD46XA EAN: 4058352329764	LP number 58935_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	5270	44.9
95	238	252	5007	42.4
90	223	249	4743	39.6
85	208	247	4480	37.1
80	194	244	4216	34.2
75	180	241	3953	31.9
70	166	238	3689	29.7
65	152	235	3426	27.4
60	139	232	3162	24.8
55	126	228	2899	22.5
50	113	225	2635	20.6
45	101	220	2372	18.5
40	89	216	2108	16.6
35	77	210	1845	14.6
30	65	204	1581	12.7
25	53	197	1318	10.8
20	41	188	1054	8.9
15	30	176	791	7.1
10	18	158	527	5.3
5	8	129	263	3.7

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24.05.2019

