

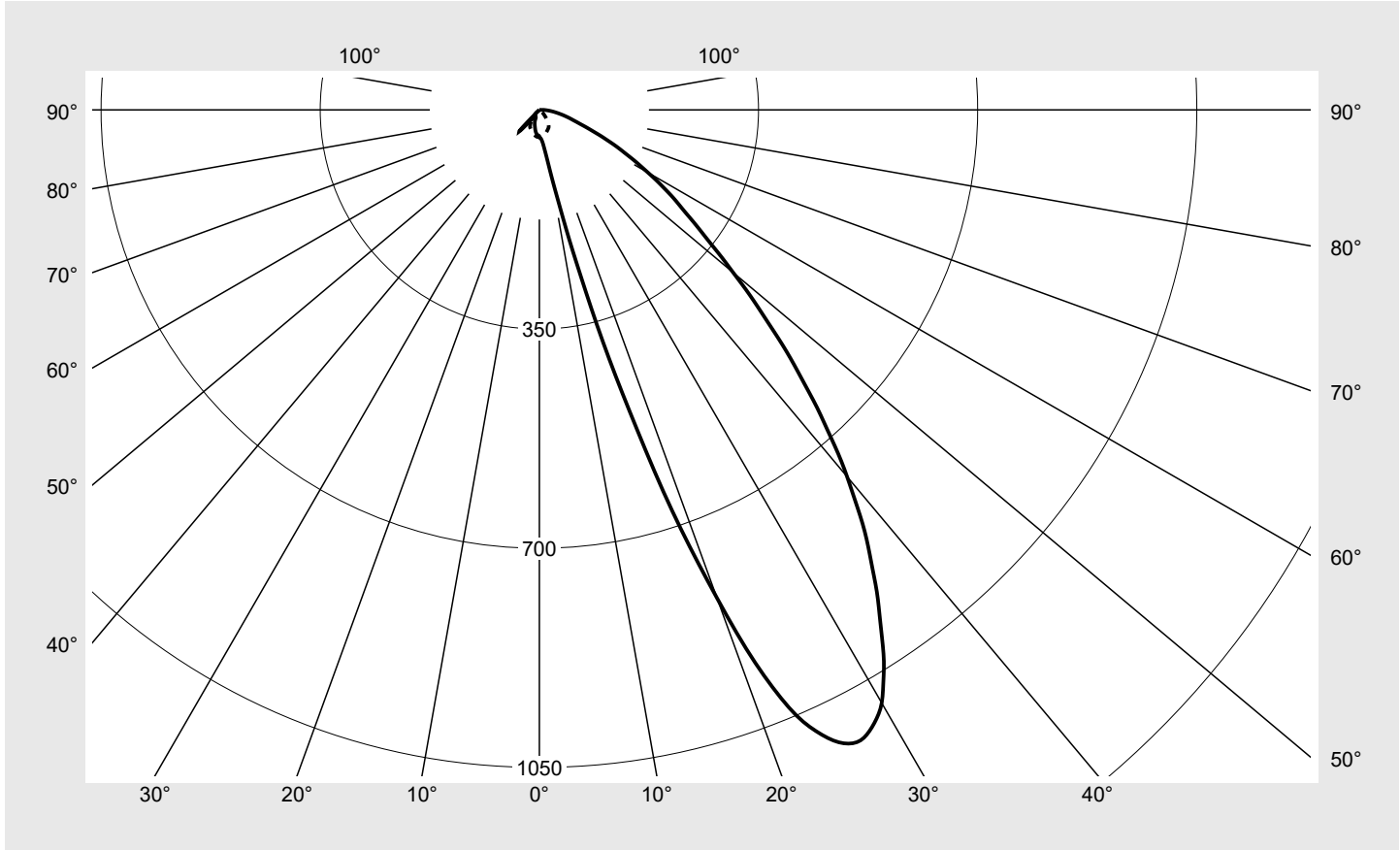


Photometric test report

Family Licross® Trunking	Order number: 51TH3WDD36XA EAN: 4058352329740	LP number 58935_4
	Version wallwasher, reflector, faceted, silver-coated Lamps LED 3000 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 5030 lm Power consumption = 44.9 W Luminous efficacy = 112 lm/W	serial documentation 19.06.2019
		

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

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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°	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: 51TH3WDD36XA EAN: 4058352329740	LP number 58935_4
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: 51TH3WDD36XA EAN: 4058352329740	LP number 58935_4
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: 51TH3WDD36XA EAN: 4058352329740	LP number 58935_4
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: 51TH3WDD36XA EAN: 4058352329740	LP number 58935_4
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: 51TH3WDD36XA EAN: 4058352329740										LP number 58935_4	
Table of values for luminous intensities												serial documentation 19.06.2019	
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: 51TH3WDD36XA EAN: 4058352329740	LP number 58935_4
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: 51TH3WDD36XA EAN: 4058352329740	LP number 58935_4
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: 51TH3WDD36XA EAN: 4058352329740	LP number 58935_4
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: 51TH3WDD36XA EAN: 4058352329740	LP number 58935_4
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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	33.6	35.3	33.9	35.6	35.9	29.8	31.5	30.1	31.8	32.1
	3H	33.8	35.3	34.2	35.6	36.0	29.6	31.2	30.0	31.6	31.9
	4H	33.8	35.2	34.2	35.6	36.0	29.6	31.1	30.0	31.4	31.8
	6H	33.9	35.1	34.3	35.5	35.9	29.5	30.9	29.9	31.3	31.7
	8H	33.8	35.1	34.3	35.4	35.8	29.4	30.8	29.8	31.2	31.6
	12H	33.9	35.0	34.3	35.4	35.8	29.4	30.7	29.9	31.1	31.6
4H	2H	34.7	36.2	35.1	36.5	36.9	31.7	33.1	32.1	33.5	33.8
	3H	35.1	36.3	35.5	36.7	37.1	32.3	33.5	32.7	33.9	34.3
	4H	35.2	36.3	35.6	36.7	37.1	32.3	33.4	32.7	33.8	34.2
	6H	35.2	36.1	35.7	36.6	37.0	32.2	33.2	32.7	33.6	34.1
	8H	35.2	36.1	35.7	36.5	37.0	32.1	33.1	32.6	33.5	34.0
	12H	35.2	36.0	35.7	36.4	36.9	32.1	33.0	32.6	33.4	33.9
8H	4H	35.6	36.5	36.1	37.0	37.5	33.0	33.8	33.4	34.3	34.7
	6H	35.7	36.5	36.2	36.9	37.4	33.1	33.9	33.6	34.3	34.8
	8H	35.8	36.4	36.3	36.9	37.4	33.1	33.8	33.6	34.3	34.8
	12H	35.8	36.4	36.3	36.9	37.4	33.1	33.7	33.6	34.2	34.7
12H	4H	35.7	36.5	36.2	37.0	37.5	33.0	33.8	33.5	34.2	34.7
	6H	35.9	36.5	36.4	37.0	37.5	33.3	33.9	33.8	34.4	34.9
	8H	35.9	36.5	36.4	37.0	37.5	33.4	33.9	33.9	34.4	34.9

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°	212792.6	231450.3	308392.5	433055.8	424328.9	15306.4	5567.4	4191.0	3957.4	5845.6	7024.8	21597.7	5978.9
50°	154633.1	177640.8	257569.7	365108.8	367660.9	8831.7	3770.0	3276.1	3733.6	4190.5	575.0	191.5	171.5
55°	113410.1	132416.6	191372.6	325647.6	267550.0	5251.2	2798.2	3095.7	3813.4	1321.4	205.7	128.3	110.0
60°	84469.5	101218.2	149129.4	268015.1	192178.3	4001.5	2276.8	3446.0	2632.8	623.9	304.6	183.8	136.3
65°	59015.5	73197.6	118295.7	225017.0	159234.7	3412.0	1973.1	4288.0	2035.7	1756.5	980.5	620.2	483.8
70°	37339.6	47028.5	83159.8	187084.4	137986.8	3067.3	1755.9	5138.0	2860.5	3473.1	2201.2	1410.9	1135.3
75°	25966.4	32673.2	56154.4	135793.5	116684.9	2884.4	1682.4	3728.9	3384.3	4276.6	2990.0	2005.9	1661.3
80°	17959.6	24009.5	39548.6	93817.9	82247.7	3209.7	1646.3	1933.4	3685.0	4501.4	3474.2	2491.8	2054.5
85°	11227.2	17384.7	29244.6	61273.7	53322.2	4035.2	2015.4	3007.4	5054.1	5929.9	5237.3	4030.7	3431.9

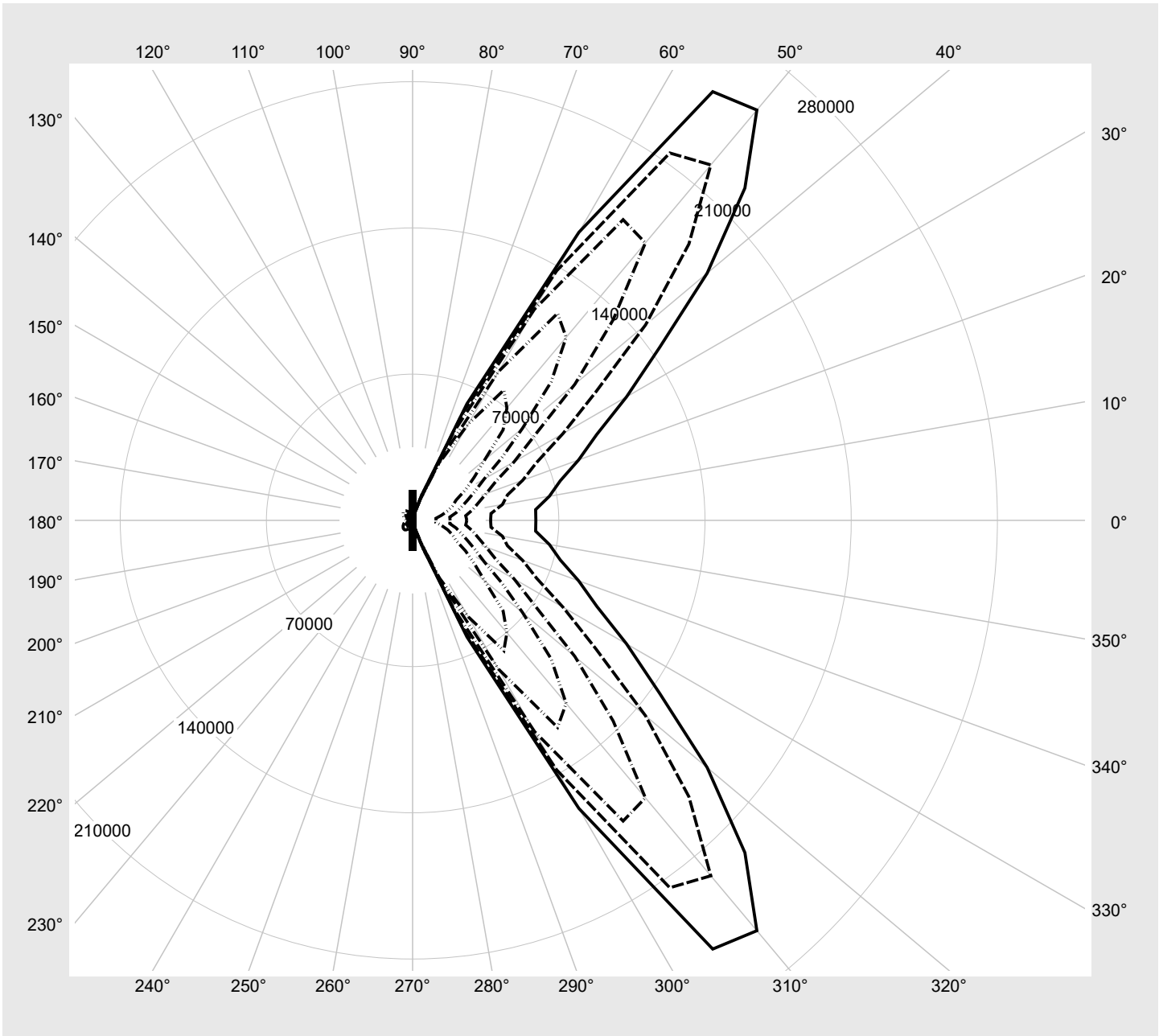
Photometric test report

Family Licross® Trunking	Order number: 51TH3WDD36XA EAN: 4058352329740	LP number 58935_4
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Luminance values in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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siteco



Photometric test report

Family Licross® Trunking	Order number: 51TH3WDD36XA EAN: 4058352329740	LP number 58935_4
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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	5030	44.9
95	238	252	4779	42.4
90	223	249	4527	39.6
85	208	247	4276	37.0
80	194	244	4024	34.2
75	179	241	3773	31.9
70	166	238	3521	29.7
65	152	235	3270	27.4
60	139	232	3018	24.7
55	126	228	2767	22.5
50	113	225	2515	20.6
45	101	220	2264	18.5
40	89	216	2012	16.6
35	77	210	1761	14.6
30	65	204	1509	12.7
25	52	197	1258	10.7
20	41	187	1006	8.9
15	29	176	755	7.1
10	18	158	503	5.3
5	8	129	251	3.7

serial documentation
19.06.2019

