
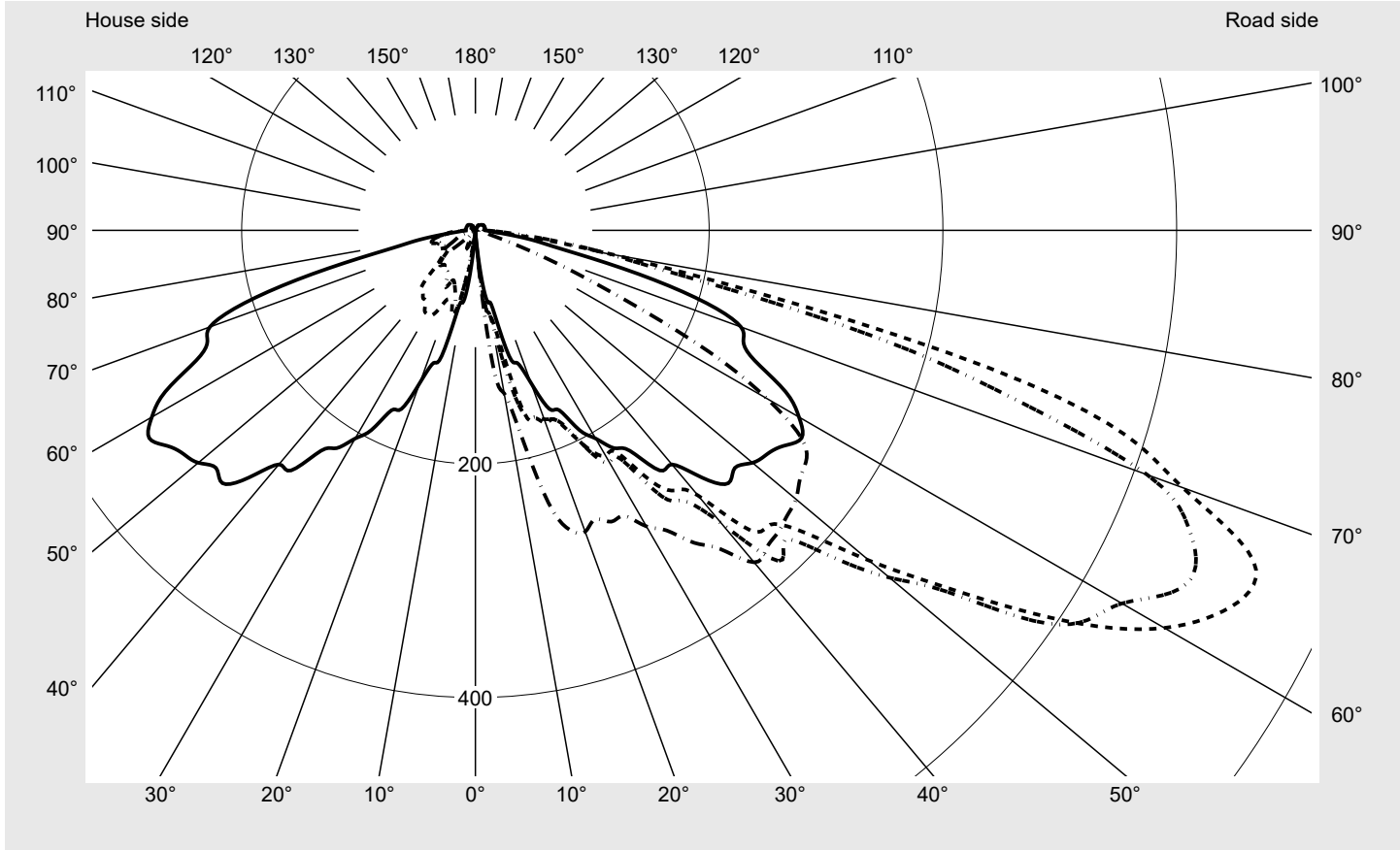


# Photometric test report

<b>Family</b> <b>DL 11 iQ</b> 	<b>Order number:</b> 5XA5565MF14H000022 + 5XA54001XS <b>EAN:</b> 4058352956205 + 4050737754895	<b>LP number</b> <b>59427_46</b>
	<b>Version</b> post-top- or mounting to wall arm, decorative ring, silver <b>Optic</b> asymmetric, wide distribution (ST1.2a) <b>Cover</b> cover transparent, PMMA <b>Lamps</b> LED 2700 K   CRI ≥ 70 <b>Controlgear</b> ECG SITECO iQ <b>Rated values</b> Net luminous flux = 1550 lm Power consumption = 11.8 W Luminous efficacy = 131.4 lm/W	<b>serial documentation</b> <b>13.09.2023</b>



**Luminous intensity in cd/klm** C180-0 C205-25 C210-30 C270-90 **Imax: 731 cd/klm**



Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	96.3%
Eta 90° - 180°	3.7%

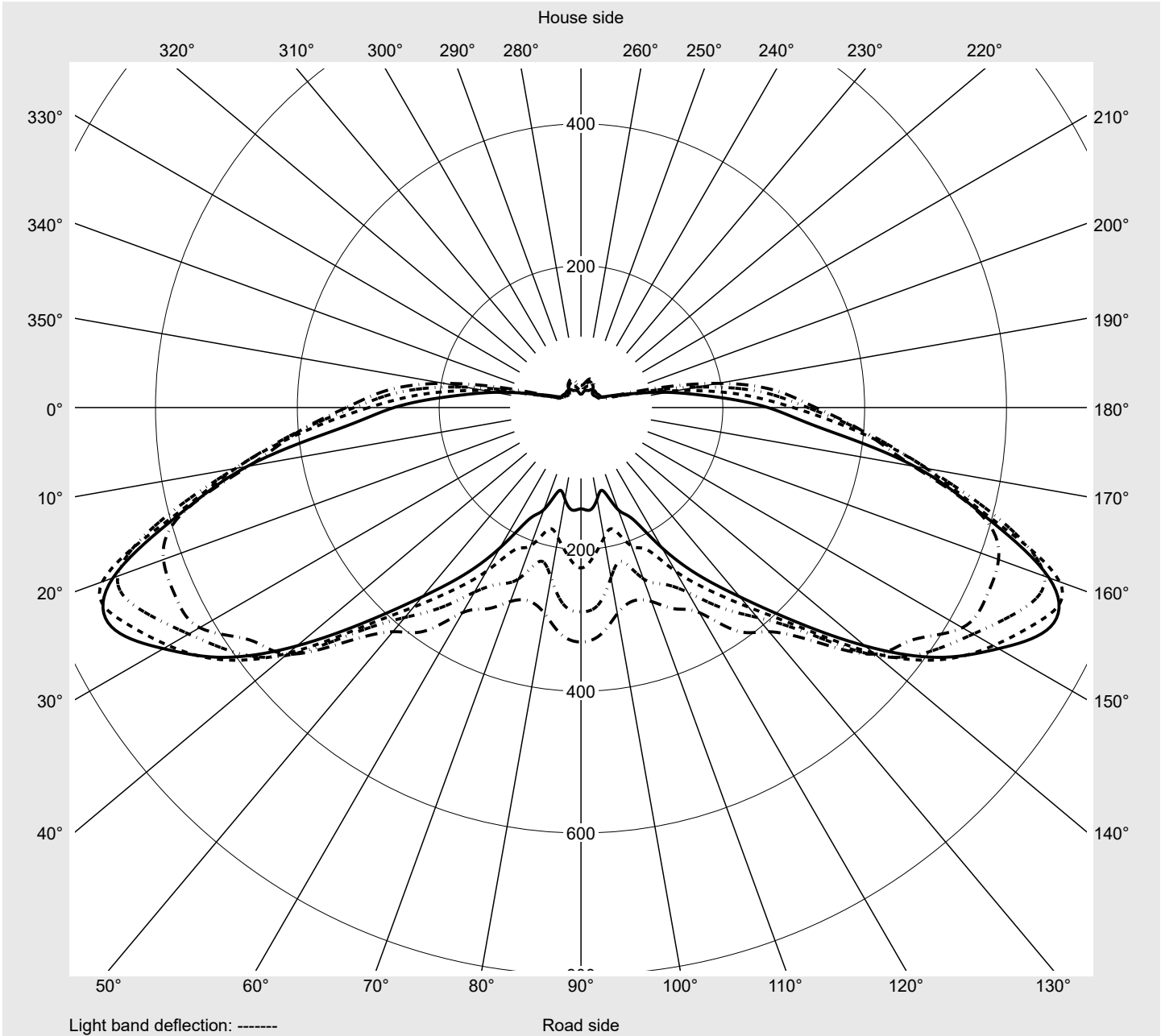
Luminous intensity class acc. to EN13201-2	
Class:	G2
Imax 70°	644.0
Imax 80°	142.7
Imax 90°	8.7
Imax >90°	8.5
Imax >95°	8.5

**Measurement conditions**  
 DIN EN 13032 and DIN 5032

**Photometric test report**

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**Envelope curve in cd/klm**      **KMK 65°**    **KMK 62,5°**    **KMK 60°**    **KMK 57,5°**      **siteco**







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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
0,0°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	0.0	0.0
2,5°	3.8	3.8	3.8	3.9	3.8	3.7	3.8	3.7	3.6	3.7	3.7	0.1	0.1
5,0°	4.3	4.3	4.0	4.0	3.8	3.8	3.7	3.7	3.7	3.7	3.7	0.4	0.4
7,5°	5.0	4.6	4.2	4.0	4.0	4.1	4.2	3.9	3.5	3.3	3.3	1.6	2.0
10,0°	11.8	8.3	5.7	4.1	3.5	3.2	2.9	2.5	2.5	2.4	2.3	3.0	5.0
12,5°	43.3	25.9	13.7	7.8	4.1	3.1	2.7	2.4	2.3	2.2	2.3	5.0	10.1
15,0°	50.4	50.5	46.7	34.3	17.8	5.2	3.0	2.5	2.3	2.2	2.3	7.9	18.0
17,5°	43.2	38.8	36.6	35.0	33.4	26.1	14.0	4.1	2.8	2.5	2.3	9.9	27.8
20,0°	33.0	29.7	28.2	27.0	25.0	22.8	20.3	16.7	9.9	4.1	3.3	11.5	39.3
22,5°	26.3	23.7	22.1	20.4	18.7	17.7	16.5	15.3	13.6	12.5	11.4	13.4	52.6
25,0°	22.7	20.6	18.6	17.4	15.8	14.2	14.2	14.2	16.1	16.4	17.0	15.7	68.3
27,5°	26.2	20.4	18.3	17.1	15.2	14.0	17.6	17.8	17.3	15.2	13.9	18.6	86.9
30,0°	26.3	22.0	18.9	17.4	15.2	13.3	15.3	15.4	14.1	12.5	10.4	21.8	108.7
32,5°	25.5	22.3	19.4	17.2	14.5	12.6	13.0	12.9	11.7	10.8	9.3	24.7	133.5
35,0°	27.9	23.8	20.1	17.6	14.6	12.1	11.9	11.4	10.3	9.7	8.2	28.4	161.8
37,5°	28.0	23.1	20.3	18.1	15.3	12.8	11.6	10.5	9.5	9.2	7.6	32.4	194.2
40,0°	29.6	24.4	19.1	16.9	14.6	12.5	11.7	10.9	9.8	8.7	7.6	36.0	230.3
42,5°	29.7	23.9	19.7	16.5	13.9	11.8	11.3	10.5	9.9	9.1	7.6	40.4	270.7
45,0°	31.0	23.9	18.9	16.6	14.9	12.7	11.4	10.7	9.9	8.6	7.9	43.2	313.9
47,5°	30.9	23.4	20.8	22.1	22.3	20.6	18.6	15.0	11.5	9.1	7.9	45.7	359.6
50,0°	25.7	23.7	26.6	31.9	35.4	35.0	33.1	29.5	24.6	21.5	21.5	49.5	409.1
52,5°	24.5	22.6	25.9	32.5	38.5	41.5	43.6	45.8	38.9	35.5	31.9	53.3	462.4
55,0°	23.9	22.3	25.1	32.4	42.4	44.4	45.5	44.2	39.0	35.0	31.5	56.5	518.9
57,5°	25.4	24.8	25.4	29.5	36.4	39.9	42.6	41.0	36.2	32.3	31.2	58.5	577.4
60,0°	25.9	24.9	25.4	28.7	34.3	36.6	38.5	36.5	32.5	28.5	28.0	58.3	635.7
62,5°	28.0	26.0	28.0	29.1	32.0	32.7	32.2	30.9	27.7	24.3	22.4	56.9	692.6
65,0°	29.9	29.9	30.5	29.9	29.5	26.5	25.8	24.9	23.0	19.7	18.9	54.0	746.5
67,5°	33.2	33.1	32.6	30.9	26.3	20.9	21.5	20.7	19.6	17.6	16.7	50.3	796.9
70,0°	37.1	35.2	33.8	31.1	22.7	16.6	16.8	16.6	16.8	15.0	14.7	46.5	843.4
72,5°	38.5	37.8	36.7	28.0	18.6	12.0	12.6	13.0	12.7	11.1	11.2	40.6	883.9
75,0°	38.0	36.2	32.4	23.7	16.8	8.4	8.6	8.5	8.6	7.8	7.7	31.9	915.8
77,5°	33.8	32.0	25.8	16.8	11.3	6.5	5.9	5.7	5.8	5.6	5.3	20.6	936.4
80,0°	27.4	24.0	17.7	11.2	7.0	5.5	4.7	4.3	4.4	4.2	4.3	11.8	948.2
82,5°	20.5	16.4	12.9	9.2	6.4	4.8	4.2	3.7	3.7	3.7	3.7	6.9	955.1
85,0°	13.1	11.2	10.8	9.4	7.4	4.4	3.8	3.4	3.4	3.5	3.3	3.9	959.1
87,5°	10.1	8.1	8.9	10.0	6.6	4.4	3.8	3.2	3.4	3.2	3.3	2.7	961.7
90,0°	6.4	6.0	6.0	6.0	4.7	4.2	3.6	3.2	3.2	3.2	3.3	1.9	963.7
92,5°	5.7	5.3	5.0	4.7	4.3	3.9	3.5	3.2	3.2	3.2	3.3	1.8	965.5
95,0°	5.7	5.3	4.8	4.6	4.3	3.9	3.7	3.3	3.4	3.4	3.3	1.8	967.3
97,5°	5.7	5.3	5.0	4.7	4.3	4.0	3.7	3.3	3.2	3.4	3.3	1.8	969.2
100,0°	5.7	5.4	5.0	4.7	4.3	4.1	3.8	3.3	3.4	3.4	3.3	1.8	971.0
102,5°	5.7	5.4	5.0	4.8	4.5	4.1	3.8	3.5	3.4	3.5	3.3	1.8	972.8
105,0°	5.9	5.5	5.2	5.0	4.5	4.2	4.0	3.6	3.5	3.5	3.7	1.8	974.7
107,5°	5.9	5.5	5.3	5.0	4.6	4.2	4.0	3.7	3.5	3.5	3.7	1.8	976.5
110,0°	6.0	5.7	5.3	5.0	4.7	4.2	4.1	3.7	3.5	3.5	3.7	1.8	978.3
112,5°	6.0	5.7	5.3	5.0	4.7	4.5	4.1	3.7	3.8	3.7	3.7	1.8	980.0

## Photometric test report

<b>Family</b> DL 11 iQ	<b>Order number: 5XA5565MF14H000022 + 5XA54001XS</b> <b>EAN: 4058352956205 + 4050737754895</b>	<b>LP number</b> 59427_46
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°
$\gamma$	Luminous intensity in cd/klm												
115,0°	8.0	8.2	8.4	8.4	8.4	8.3	8.2	8.2	8.2	8.2	8.0	8.0	8.0
117,5°	8.0	8.2	8.2	8.4	8.4	8.3	8.2	8.2	8.2	8.1	8.0	8.0	8.0
120,0°	8.0	8.2	8.2	8.4	8.4	8.3	8.2	8.0	8.0	8.0	8.0	8.0	8.0
122,5°	8.0	8.0	8.0	8.0	8.1	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
125,0°	7.7	7.9	7.9	8.0	8.0	8.0	8.0	7.9	7.9	7.9	7.9	8.0	8.0
127,5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
130,0°	7.4	7.4	7.4	7.5	7.6	7.7	7.5	7.5	7.5	7.6	7.7	7.6	7.7
132,5°	7.0	7.0	7.2	7.2	7.2	7.4	7.2	7.2	7.4	7.4	7.4	7.4	7.4
135,0°	6.7	6.7	6.7	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
137,5°	6.4	6.4	6.4	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.8	7.0
140,0°	6.0	6.0	6.0	6.2	6.2	6.4	6.4	6.4	6.5	6.4	6.7	6.6	6.7
142,5°	5.7	5.7	5.8	6.0	6.0	6.0	6.0	6.1	6.2	6.2	6.4	6.4	6.4
145,0°	5.2	5.3	5.3	5.7	5.7	5.7	5.9	5.9	6.0	5.9	6.0	6.0	6.1
147,5°	4.7	5.0	5.0	5.0	5.2	5.3	5.3	5.4	5.7	5.6	5.7	5.7	5.7
150,0°	4.2	4.3	4.3	4.5	4.7	4.7	4.7	4.8	5.0	5.0	5.0	5.2	5.3
152,5°	3.7	3.7	3.8	4.0	4.0	4.0	4.2	4.2	4.3	4.3	4.3	4.5	4.5
155,0°	2.7	2.7	3.0	3.0	3.0	3.1	3.3	3.3	3.3	3.3	3.4	3.5	3.5
157,5°	2.0	2.0	2.0	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4
160,0°	1.5	1.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
162,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
165,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
167,5°	1.2	1.2	1.3	1.3	1.3	1.2	1.3	1.3	1.2	1.2	1.3	1.3	1.3
170,0°	1.2	1.1	1.2	1.2	1.3	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
172,5°	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
175,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177,5°	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
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

## Photometric test report

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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
$\gamma$	Luminous intensity in cd/klm												
115,0°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.7	7.5	7.4	7.0	6.7	6.4
117,5°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.7	7.7	7.4	7.0	6.7	6.4
120,0°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.8	7.7	7.4	7.0	6.8	6.4
122,5°	8.0	8.0	8.0	8.0	8.0	8.0	7.8	7.7	7.5	7.2	7.0	6.7	6.5
125,0°	8.0	8.0	7.9	7.9	8.0	8.0	7.7	7.6	7.4	7.2	7.0	6.7	6.4
127,5°	7.8	7.7	7.7	7.7	7.7	7.7	7.5	7.4	7.2	7.0	6.9	6.6	6.4
130,0°	7.7	7.7	7.7	7.7	7.7	7.7	7.2	7.0	7.0	6.7	6.7	6.4	6.0
132,5°	7.4	7.4	7.4	7.4	7.4	7.4	6.9	6.7	6.7	6.4	6.2	6.0	5.7
135,0°	7.2	7.2	7.1	7.2	7.2	7.1	6.6	6.4	6.2	6.0	5.8	5.7	5.5
137,5°	6.9	7.0	6.9	6.9	7.0	7.0	6.0	6.0	5.9	5.7	5.6	5.3	5.2
140,0°	6.7	6.7	6.7	6.7	6.7	6.7	5.7	5.7	5.6	5.3	5.2	5.0	4.9
142,5°	6.4	6.5	6.4	6.4	6.4	6.4	5.5	5.5	5.3	5.2	5.0	4.8	4.7
145,0°	6.0	6.2	6.2	6.2	6.4	6.4	5.2	5.0	4.9	4.7	4.7	4.7	4.5
147,5°	5.7	5.9	5.7	5.7	5.7	5.8	4.7	4.7	4.5	4.3	4.2	4.1	4.0
150,0°	5.3	5.3	5.3	5.3	5.3	5.3	4.0	4.0	3.9	3.8	3.7	3.5	3.3
152,5°	4.5	4.7	4.7	4.7	4.7	4.7	3.5	3.3	3.2	3.0	3.0	2.9	2.7
155,0°	3.4	3.5	3.4	3.4	3.4	3.4	2.7	2.5	2.3	2.3	2.3	2.0	2.0
157,5°	2.4	2.5	2.5	2.5	2.5	2.7	2.0	2.0	1.9	1.7	1.7	1.7	1.7
160,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.3	1.4	1.3	1.3	1.3	1.3	1.3
162,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
165,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
167,5°	1.3	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.2	1.3	1.3	1.2
170,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.3	1.1	1.3	1.3
172,5°	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
175,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177,5°	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
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

## Photometric test report

<b>Family</b> DL 11 iQ	<b>Order number: 5XA5565MF14H000022 + 5XA54001XS</b> <b>EAN: 4058352956205 + 4050737754895</b>	<b>LP number</b> 59427_46
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
$\gamma$	Luminous intensity in cd/klm											Luminous flux in lm/klm	
115,0°	6.2	5.7	5.4	5.3	4.8	4.5	4.2	4.0	3.8	3.8	3.7	1.7	981.7
117,5°	6.2	5.9	5.5	5.3	5.0	4.5	4.5	4.0	3.9	3.9	4.0	1.7	983.5
120,0°	6.2	6.0	5.7	5.3	5.0	4.8	4.5	4.0	4.2	4.0	4.0	1.7	985.1
122,5°	6.2	5.9	5.7	5.3	5.0	4.8	4.5	4.2	4.2	4.0	4.0	1.6	986.7
125,0°	6.2	5.9	5.7	5.3	5.0	4.8	4.5	4.2	4.2	4.0	4.0	1.6	988.3
127,5°	6.1	5.9	5.5	5.3	5.0	4.8	4.5	4.2	4.2	4.2	4.0	1.5	989.7
130,0°	5.9	5.7	5.4	5.2	4.8	4.8	4.5	4.3	4.2	4.0	4.0	1.4	991.1
132,5°	5.7	5.3	5.0	5.0	4.7	4.5	4.5	4.2	4.2	4.0	4.0	1.3	992.4
135,0°	5.3	5.2	5.0	4.7	4.5	4.3	4.2	3.9	3.8	3.9	3.7	1.2	993.6
137,5°	5.1	4.8	4.7	4.4	4.3	4.2	4.0	3.8	3.8	3.7	3.7	1.1	994.7
140,0°	4.8	4.7	4.3	4.3	4.0	4.0	4.0	3.8	3.5	3.5	3.7	1.0	995.6
142,5°	4.7	4.5	4.3	4.2	4.0	4.0	3.8	3.7	3.5	3.5	3.4	0.9	996.5
145,0°	4.3	4.2	4.0	4.0	3.8	3.7	3.6	3.5	3.2	3.2	3.3	0.8	997.3
147,5°	3.9	3.7	3.7	3.5	3.3	3.3	3.3	3.0	2.8	2.9	3.0	0.7	998.0
150,0°	3.3	3.1	3.0	3.0	2.8	2.7	2.7	2.5	2.4	2.3	2.3	0.6	998.6
152,5°	2.7	2.5	2.3	2.3	2.3	2.2	2.0	2.0	2.0	1.9	1.7	0.4	999.0
155,0°	2.0	2.1	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.3	999.3
157,5°	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.4	1.4	1.4	1.3	0.2	999.5
160,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.1	999.7
162,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.1	999.8
165,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.1	0.1	999.9
167,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.3	1.3	0.1	999.9
170,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.1	1000.0
172,5°	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
175,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
177,5°	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
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0



## Photometric test report

<b>Family</b> DL 11 iQ	<b>Order number:</b> 5XA5565MF14H000022 + 5XA54001XS <b>EAN:</b> 4058352956205 + 4050737754895	<b>LP number</b> 59427_46
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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	1550	11.8	12.1	12.0
95	241	252	1471	11.1	11.4	11.2
90	229	250	1397	10.6	10.8	10.7
85	216	248	1318	9.9	10.2	10.0
80	203	246	1239	9.3	9.6	9.4
75	190	243	1159	8.7	9.0	8.8
70	178	241	1086	8.2	8.4	8.3
65	165	238	1007	7.6	7.7	7.6
60	152	235	928	7.0	7.2	7.1
55	140	232	854	6.5	6.6	6.6
50	127	229	775	6.0	6.1	6.0
45	114	225	696	5.4	5.6	5.5
40	102	221	622	5.0	5.1	5.0
35	89	216	543	4.5	4.6	4.6
30	76	210	464	4.0	4.0	4.0
26	65	204	397	3.6	3.7	3.6