
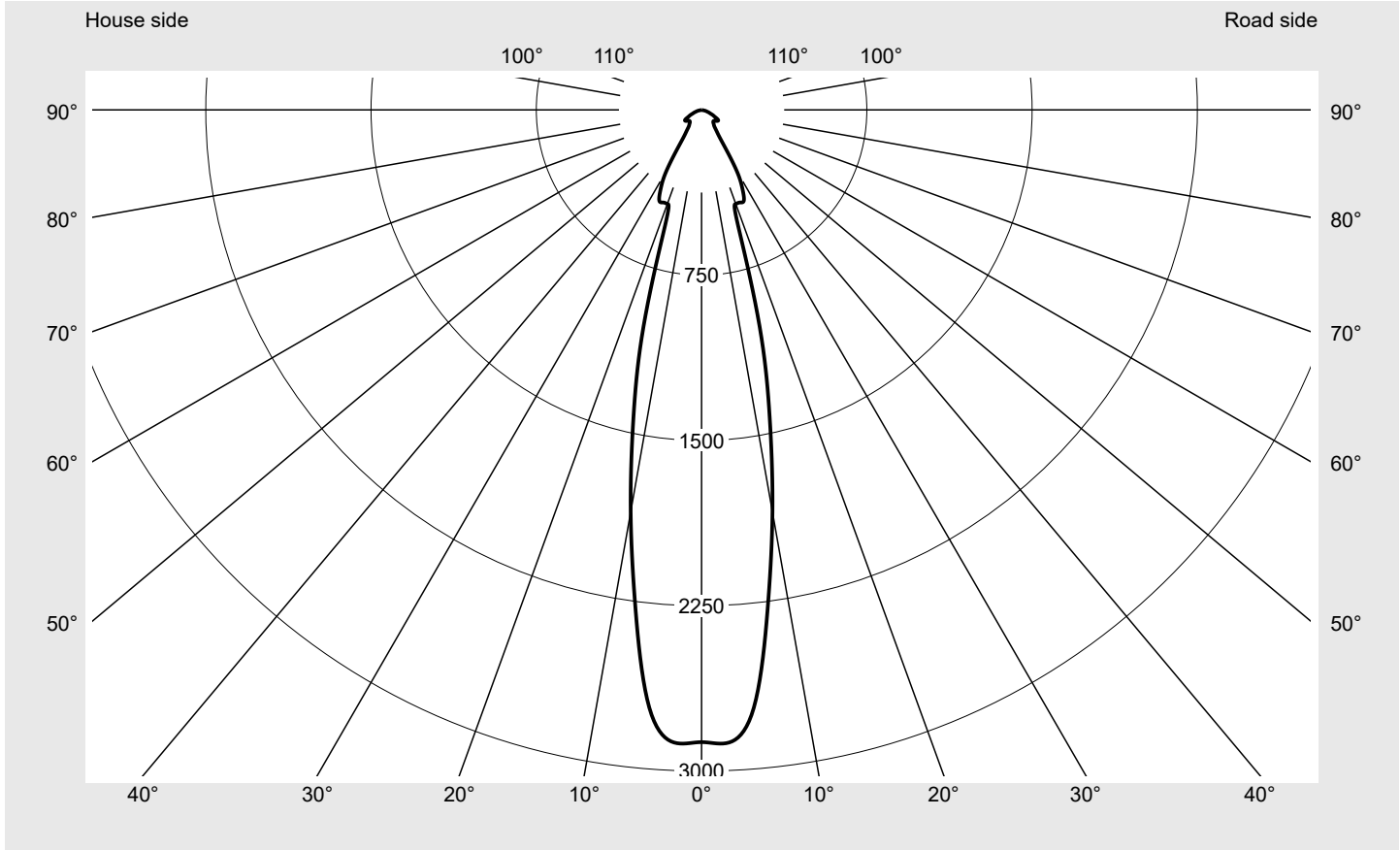


# Photometric test report

<b>Family</b> <b>Floodlight FL21 midi</b>	<b>Order number: 5XA7782F2B1A</b> <b>EAN: 4058352854334</b>	<b>LP number</b> <b>59238_93</b>
	<b>Version</b> mounting bracket <b>Optic</b> symmetric distribution RS12 <b>Cover</b> toughened safety glass <b>Lamps</b> LED 3000 K   CRI ≥ 70 <b>Controlgear</b> ECG SITECO iQ <b>Rated values</b> Net luminous flux = 35590 lm Power consumption = 270.2 W Luminous efficacy = 131.7 lm/W	<b>serial documentation</b> <b>22.08.2023</b>



**Luminous intensity in cd/klm** C180-0 **Imax: 2873 cd/klm**



**Luminaire output ratios**

Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

**Luminous intensity class acc. to EN13201-2**

Class:	G6
Imax 70°	36.4
Imax 80°	9.1
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

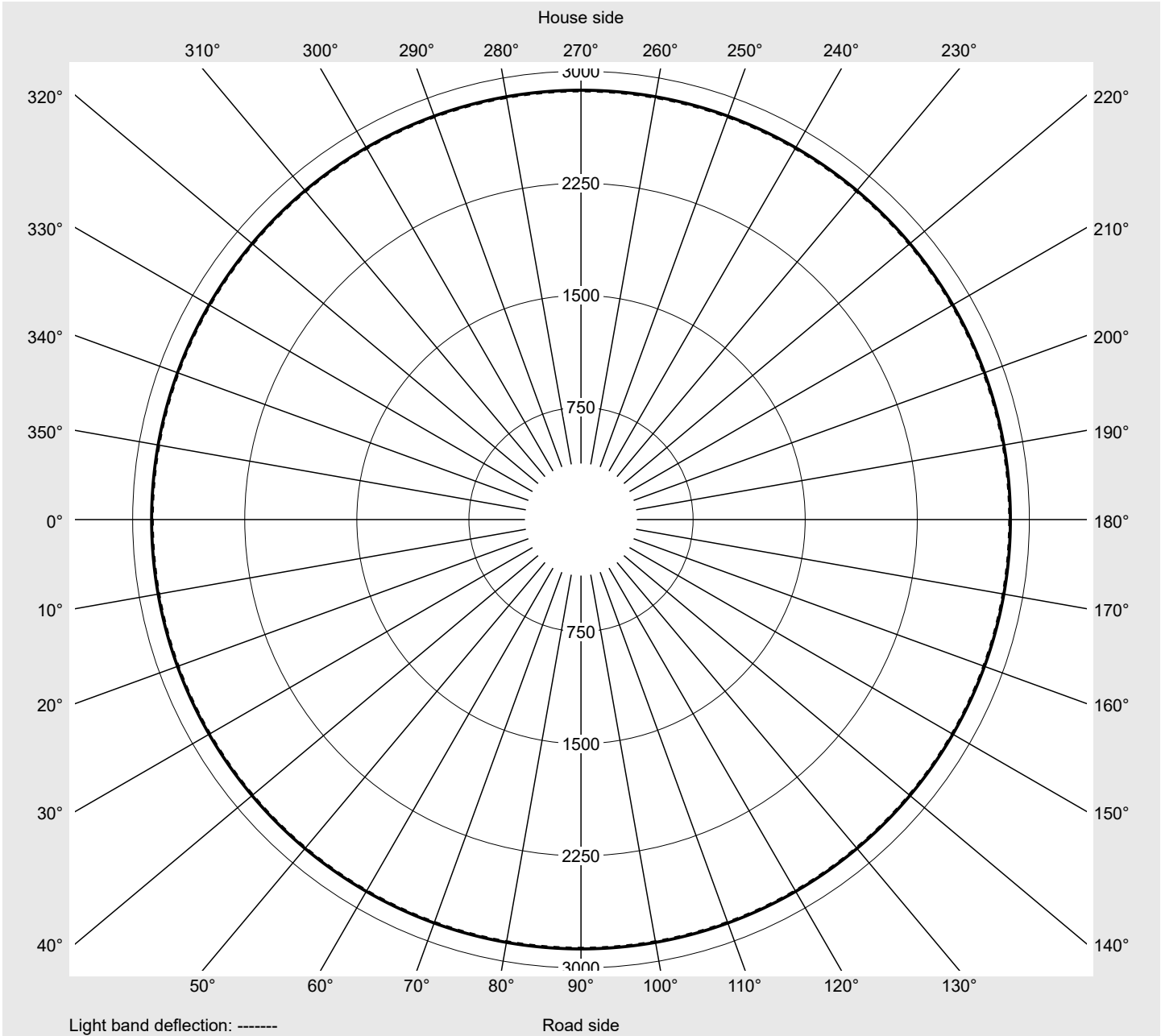
**Measurement conditions**

DIN EN 13032 and DIN 5032

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**Envelope curve in cd/klm** KMK 2.5°  KMK 0°  siteco



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**sITeco**

<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>
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C-planes	0°	Phi-zone	Total Phi-zone
$\gamma$	Luminous intensity in cd/klm	Luminous flux in lm/klm	
0,0°	2868.8	4.3	4.3
2,5°	2873.2	34.4	38.6
5,0°	2722.5	65.0	103.7
7,5°	2292.0	82.0	185.7
10,0°	1852.6	88.2	273.9
12,5°	1427.9	84.7	358.6
15,0°	1018.5	72.3	430.9
17,5°	552.2	45.5	476.4
20,0°	453.7	42.5	518.9
22,5°	454.7	47.7	566.6
25,0°	454.2	52.6	619.2
27,5°	400.1	50.6	669.9
30,0°	317.0	43.5	713.3
32,5°	178.5	26.3	739.6
35,0°	121.9	19.2	758.8
37,5°	96.3	16.1	774.9
40,0°	86.4	15.2	790.1
42,5°	78.8	14.6	804.7
45,0°	75.0	14.5	819.2
47,5°	74.2	15.0	834.2
50,0°	76.8	16.1	850.4
52,5°	82.1	17.9	868.2
55,0°	87.5	19.7	887.9
57,5°	89.5	20.7	908.6
60,0°	83.0	19.7	928.3
62,5°	67.2	16.3	944.6
65,0°	57.1	14.2	958.8
67,5°	43.9	11.1	969.9
70,0°	36.4	9.4	979.3
72,5°	27.1	7.1	986.4
75,0°	21.2	5.6	992.0
77,5°	13.7	3.7	995.6
80,0°	9.1	2.5	998.1
82,5°	4.7	1.3	999.4
85,0°	1.8	0.5	999.9
87,5°	0.5	0.1	1000.0
90,0°	0.0	0.0	1000.0

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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	35590	270.2	286.6	278.4
95	241	252	33768	251.6	266.7	259.2
90	229	250	32087	235.3	249.2	242.2
85	216	248	30266	218.2	231.1	224.6
80	203	246	28444	201.9	213.7	207.8
75	190	243	26622	186.3	197.0	191.6
70	178	241	24941	172.3	182.2	177.2
65	165	238	23119	157.7	166.7	162.2
60	152	235	21298	143.6	151.7	147.6
55	140	232	19617	130.9	138.3	134.6
50	127	229	17795	117.4	124.1	120.8
45	114	225	15973	104.2	110.3	107.2
40	102	221	14292	92.4	97.6	95.0
35	89	216	12471	80.0	84.4	82.2
30	76	210	10649	67.9	71.6	69.8
25	63	203	8827	56.2	59.2	57.7
20	51	195	7146	45.8	48.1	47.0
15	38	184	5324	34.7	36.5	35.6
12	31	177	4344	28.8	30.3	29.6