

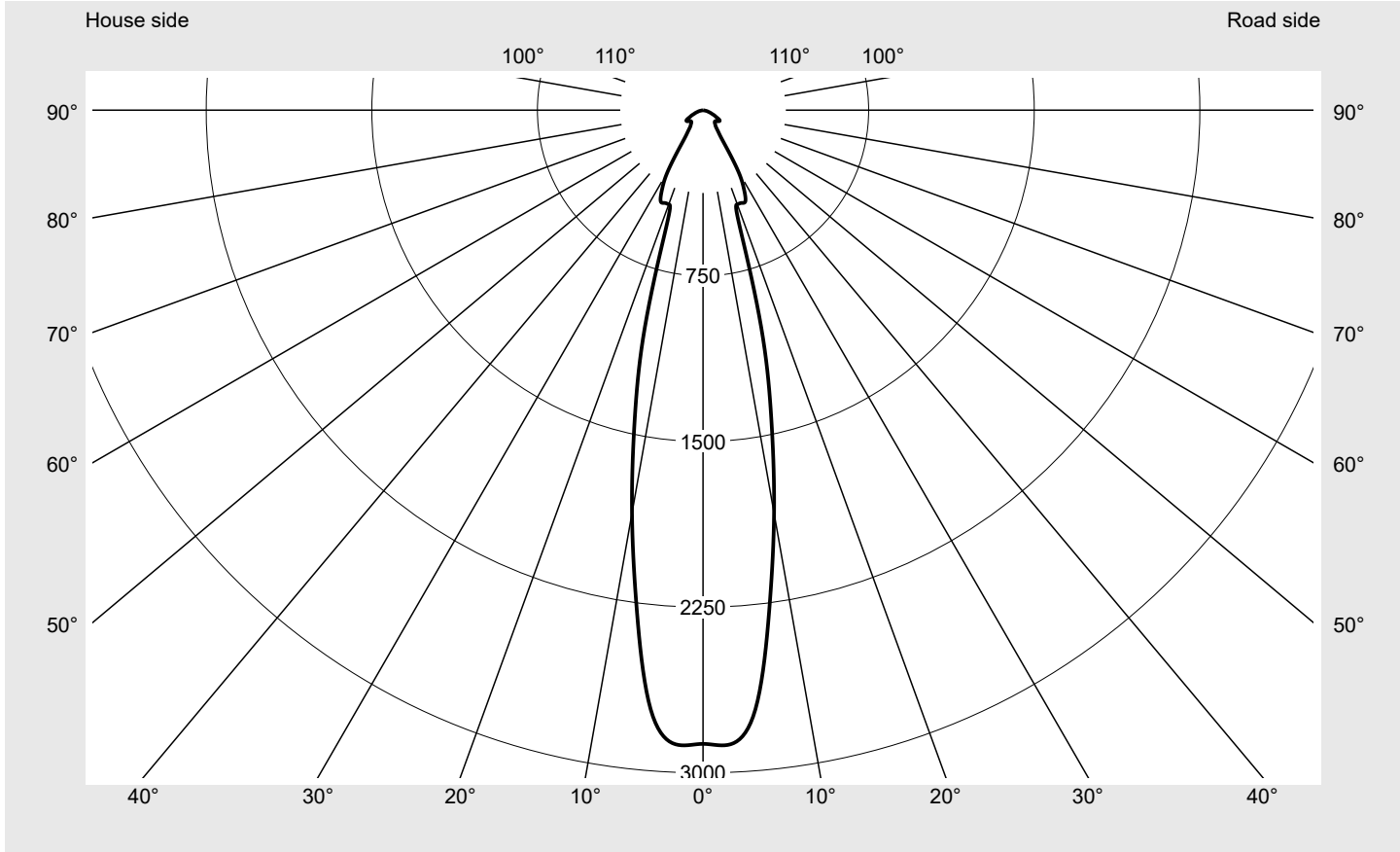
# Photometric test report

<b>Family</b> <b>Floodlight FL21 midi</b>	<b>Order number: 5XA7782E5B1A</b> <b>EAN: 4058352854037</b>	<b>LP number</b> <b>59238_88</b>
	<b>Version</b> mounting bracket <b>Optic</b> symmetric distribution RS12 <b>Cover</b> toughened safety glass <b>Lamps</b> LED 4000 K   CRI ≥ 80 <b>Controlgear</b> ECG SITECO iQ <b>Rated values</b> Net luminous flux = 24940 lm Power consumption = 208.1 W Luminous efficacy = 119.8 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

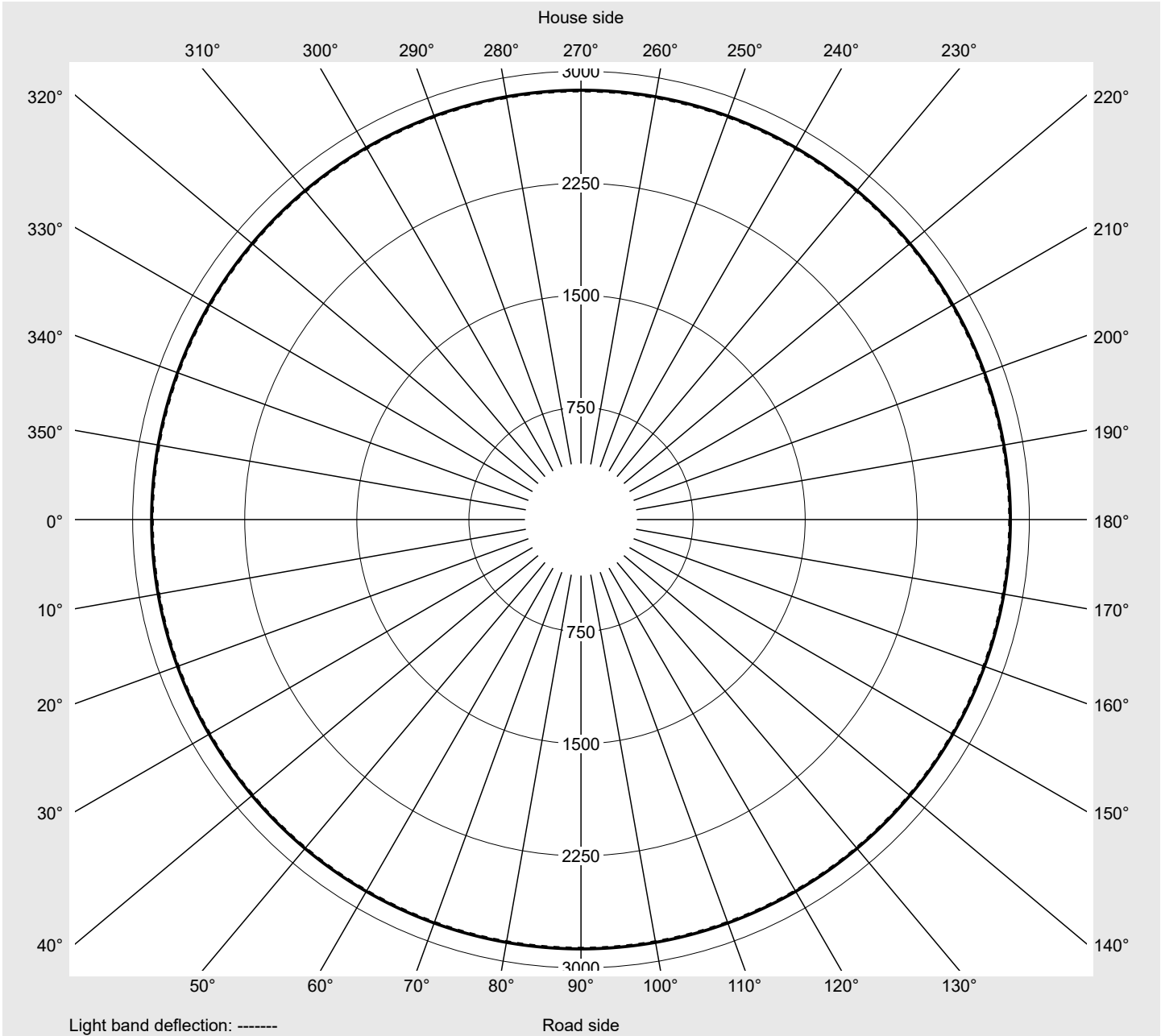
**Measurement conditions**

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	24940	208.1	227.1	217.6
95	241	252	23664	193.9	211.3	202.6
90	229	250	22485	181.2	197.5	189.4
85	216	248	21209	168.0	183.0	175.5
80	203	246	19932	155.3	169.0	162.2
75	190	243	18656	143.2	155.6	149.4
70	178	241	17478	132.3	143.8	138.0
65	165	238	16201	121.0	131.4	126.2
60	152	235	14925	110.1	119.4	114.8
55	140	232	13746	100.3	108.8	104.6
50	127	229	12470	90.1	97.6	93.8
45	114	225	11194	80.1	86.7	83.4
40	102	221	10015	71.0	76.9	74.0
35	89	216	8739	61.5	66.5	64.0
30	76	210	7462	52.4	56.5	54.4
25	63	203	6186	43.7	47.0	45.4
20	51	195	5008	36.0	38.6	37.3
15	38	184	3731	27.7	29.6	28.6
13	32	178	3142	24.0	25.5	24.8