
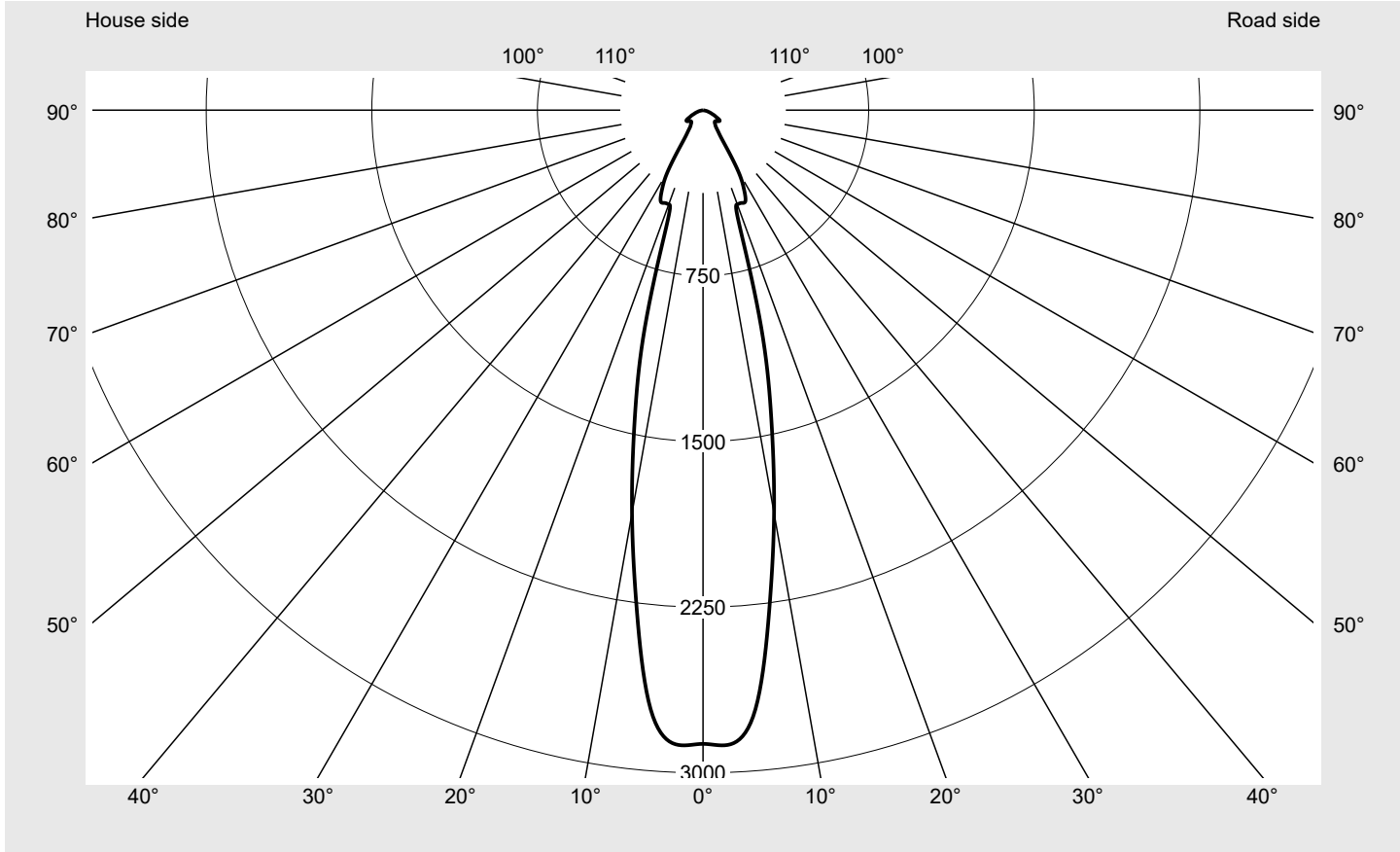


# Photometric test report

<b>Family</b> <b>Floodlight FL21 midi</b>	<b>Order number: 5XA7782F3B1A</b> <b>EAN: 4058352854525</b>	<b>LP number</b> <b>59238_94</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 ≥ 80 <b>Controlgear</b> ECG SITECO iQ <b>Rated values</b> Net luminous flux = 30610 lm Power consumption = 270.2 W Luminous efficacy = 113.3 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

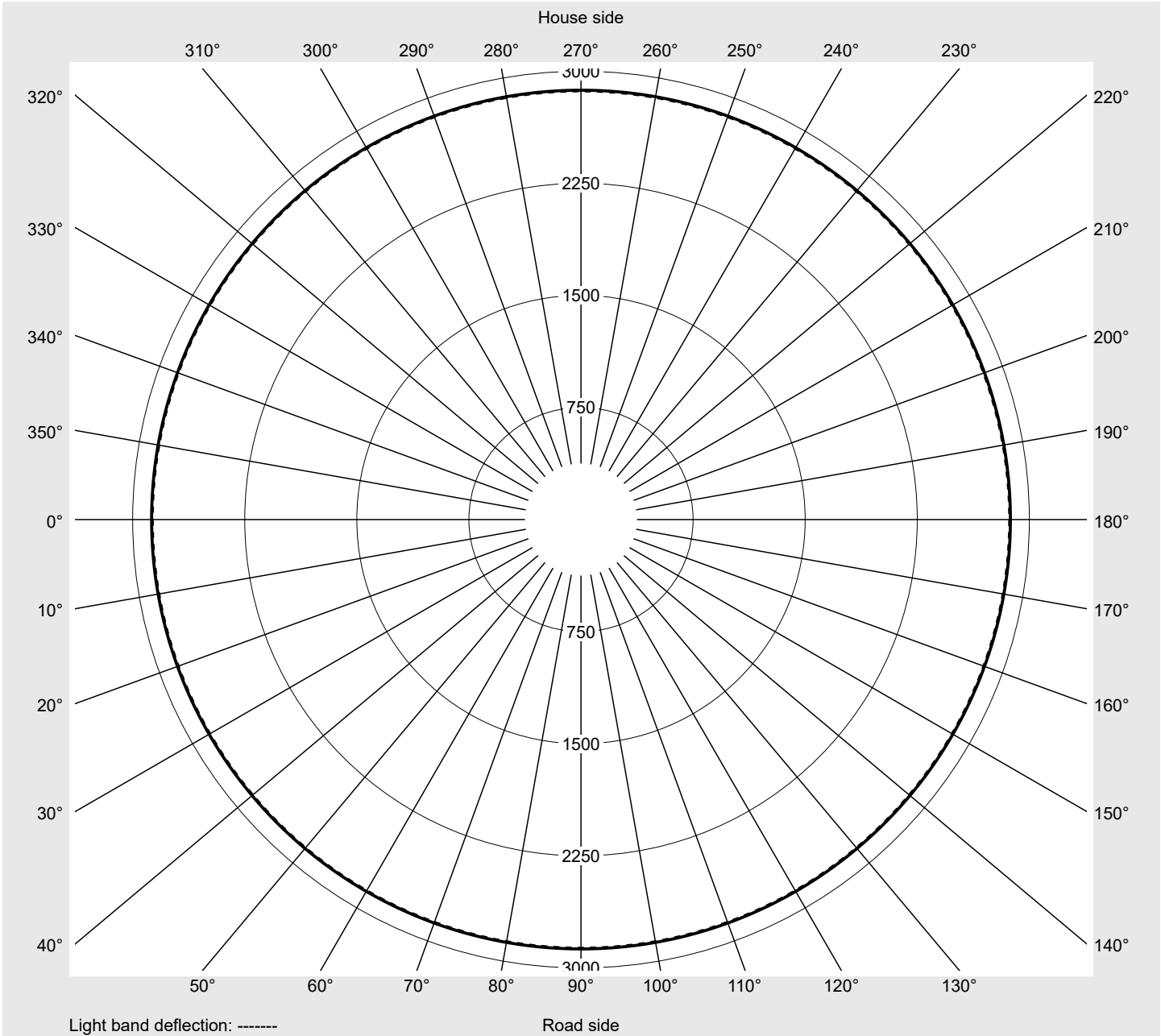
**Photometric test report**

**Family**  
Floodlight FL21 midi

**Order number: 5XA7782F3B1A**  
**EAN: 4058352854525**

**LP number**  
59238\_94

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



## Photometric test report

<b>Family</b> Floodlight FL21 midi	<b>Order number: 5XA7782F3B1A</b> <b>EAN: 4058352854525</b>	<b>LP number</b> 59238_94
---------------------------------------	--	------------------------------



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

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

## Photometric test report

<b>Family</b> Floodlight FL21 midi	<b>Order number: 5XA7782F3B1A</b> <b>EAN: 4058352854525</b>	<b>LP number</b> 59238_94
---------------------------------------	--	------------------------------

<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
-----------------------------	---------------------------------	---------------

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	30610	270.2	286.6	278.4
95	241	252	29043	251.6	266.7	259.2
90	229	250	27597	235.2	249.2	242.2
85	216	248	26031	218.1	231.0	224.6
80	203	246	24464	201.8	213.6	207.7
75	190	243	22897	186.1	196.8	191.4
70	178	241	21451	172.2	182.1	177.1
65	165	238	19884	157.5	166.6	162.0
60	152	235	18318	143.4	151.5	147.4
55	140	232	16872	130.7	138.1	134.4
50	127	229	15305	117.3	123.9	120.6
45	114	225	13738	104.0	110.1	107.0
40	102	221	12292	92.3	97.4	94.8
35	89	216	10726	79.8	84.2	82.0
30	76	210	9159	67.7	71.4	69.6
25	63	203	7592	56.1	59.1	57.6
20	51	195	6146	45.7	48.0	46.8
15	38	184	4579	34.7	36.4	35.6
12	31	177	3736	28.8	30.2	29.5