

## Lichttechnischer Prüfbefund

**Familie**  
**Floodlight FL41**

**Bestell-Nr.: 5XA8581B2121**  
**EAN: 4058352718438**

**LP-Nummer**  
**59400\_2**



<b>Ausführung</b>	Tragbügel
<b>Optik</b>	asymmetrisch strahlend PL32
<b>Abdeckung</b>	Einscheibensicherheitsglas (ESG)
<b>Bestückung</b>	LED 4000 K   CRI ≥ 70
<b>Betriebsgerät</b>	EVG-Multilumen
<b>Bemessungswerte</b>	Nettolichtstrom = 26000 lm Systemleistung = 200.0 W Lichtausbeute = 130 lm/W

**Seriendokumentation**  
13.07.2023

**siteco**

**Lichtstärke in cd/klm**

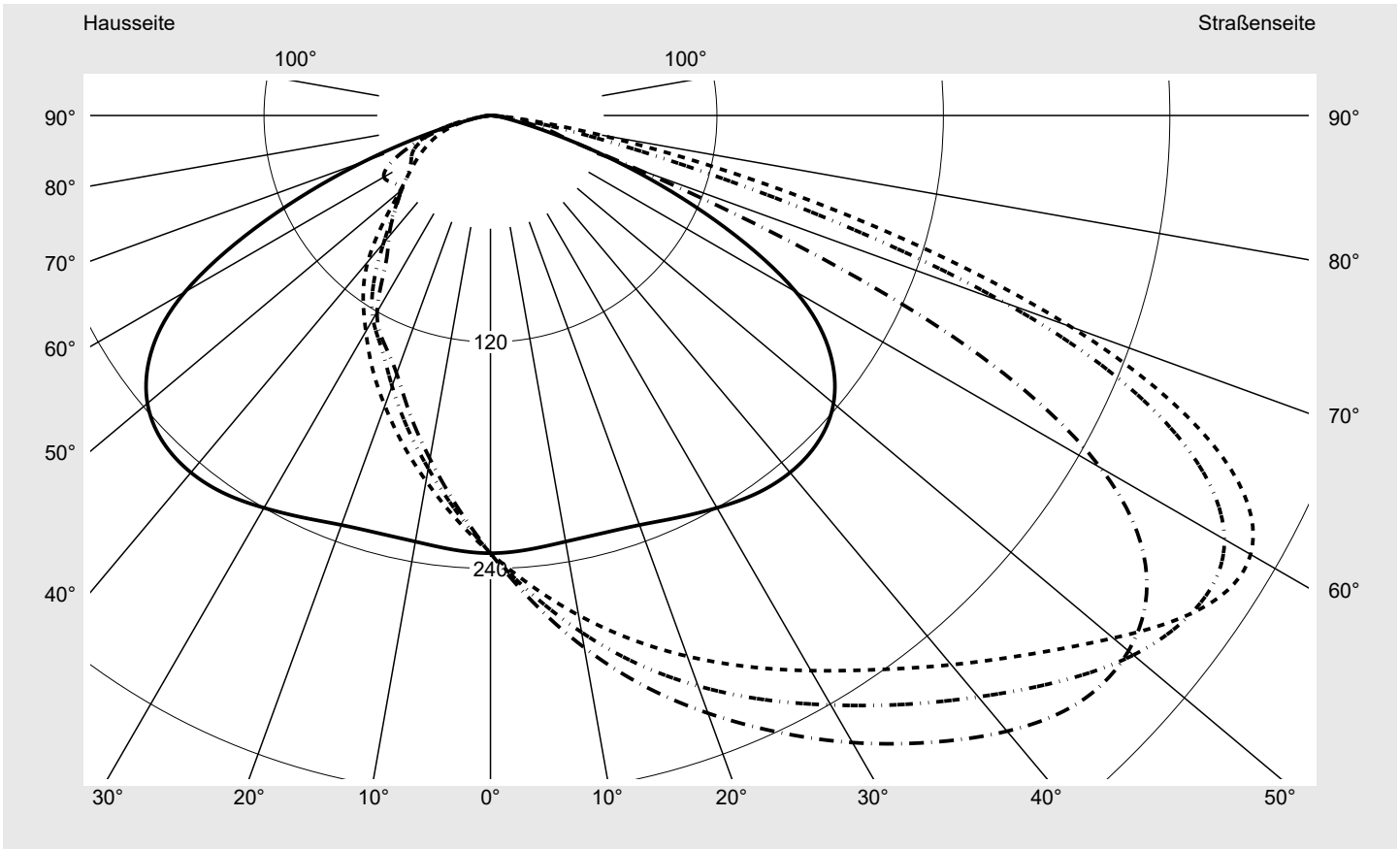
**C180-0**

**C225-45**

**C240-60**

**C270-90**

**Imax: 465 cd/klm**



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

Klasse:	G6
Imax 70°	327.3
Imax 80°	57.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

**Messbedingungen**

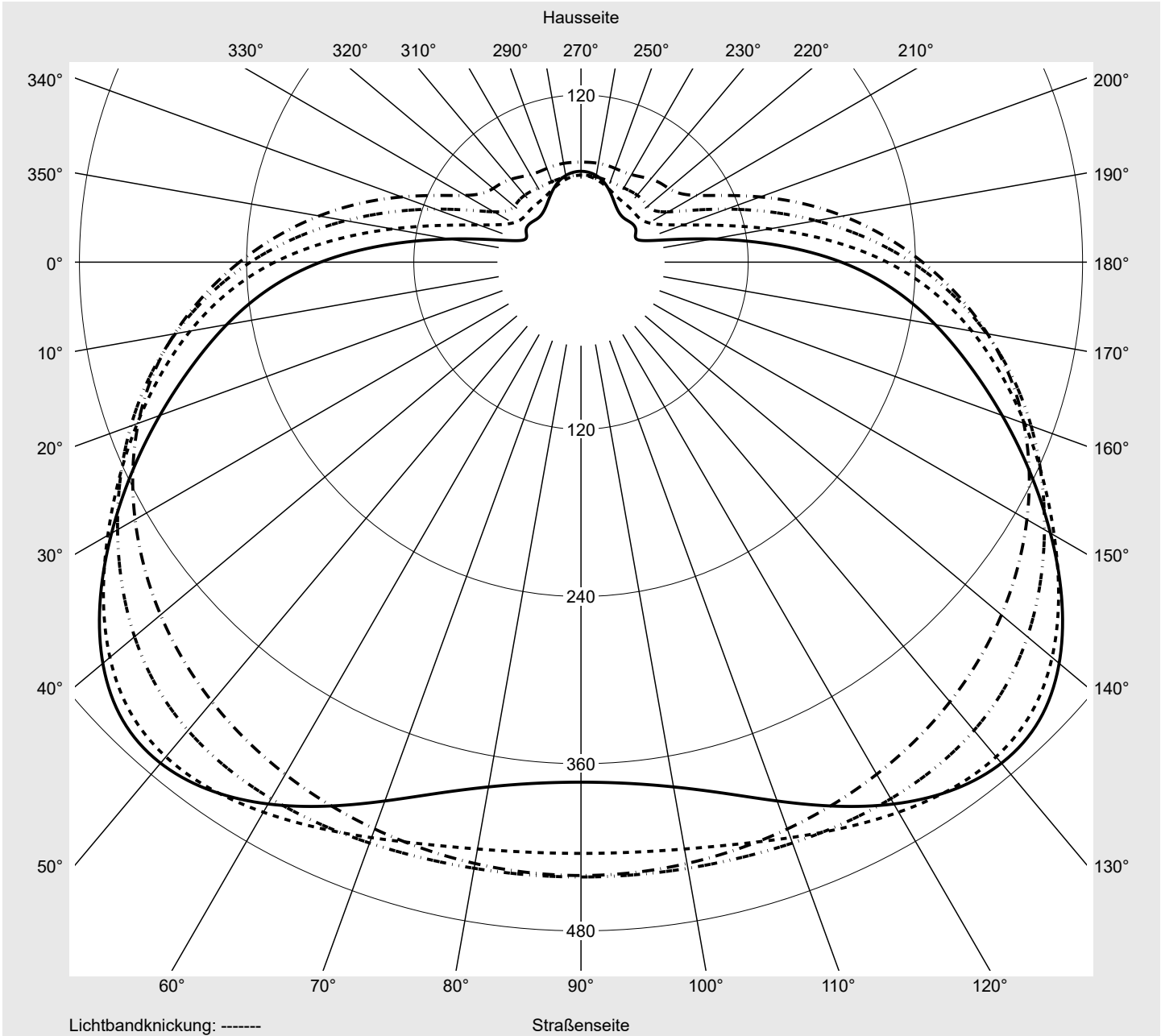
DIN EN 13032 und DIN 5032

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<b>Familie</b> Floodlight FL41	<b>Bestell-Nr.:</b> 5XA8581B2121 <b>EAN:</b> 4058352718438	<b>LP-Nummer</b> 59400_2
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**Kegelmantelkurven in cd/klm**    **KMK 60°**    **KMK 55°**    **KMK 50°**    **KMK 45°**



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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
<b>siteco</b>		

C- Ebenen	0° 180°	15° 165°	30° 150°	45° 135°	60° 120°	75° 105°	90°
$\gamma$	Lichtstärke in cd/klm						
0°	231.9	231.9	231.9	231.9	231.9	231.9	231.9
5°	230.8	237.7	244.4	250.2	254.7	257.8	258.8
10°	229.3	243.1	256.6	268.9	278.0	284.2	286.3
15°	229.1	249.8	269.6	287.2	300.7	309.6	312.6
20°	230.9	258.7	283.7	304.9	321.6	332.8	337.0
25°	235.0	269.7	298.6	322.2	341.4	355.4	360.5
30°	240.0	282.9	314.9	339.6	360.6	377.2	383.6
35°	244.8	296.5	332.1	358.4	380.9	398.6	405.5
40°	246.9	309.2	351.2	379.9	402.1	419.1	425.9
45°	245.1	318.7	369.6	403.7	424.5	436.0	440.3
50°	237.3	320.9	384.1	430.8	444.7	442.6	441.3
55°	219.7	312.3	392.2	457.3	455.9	432.5	424.4
60°	186.9	289.2	389.0	465.1	449.1	394.6	373.3
65°	131.2	234.1	353.3	428.0	401.7	304.8	253.7
70°	71.2	149.2	261.0	327.3	290.3	116.1	81.0
75°	25.4	59.6	137.7	178.8	122.2	46.3	34.8
80°	8.0	14.9	37.0	57.6	32.9	17.5	13.9
85°	2.5	3.2	4.9	7.9	6.4	4.3	3.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	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
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	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
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	195° 345°	210° 330°	225° 315°	240° 300°	255° 285°	270°	Phi-Zone	Summe Phi-Zone
$\gamma$	Lichtstärke in cd/klm						Lichtstrom in lm/klm	
0°	231.9	231.9	231.9	231.9	231.9	231.9	1.4	1.4
5°	224.6	219.0	214.0	210.2	208.1	207.4	11.1	12.5
10°	216.9	205.7	196.6	189.9	185.9	184.7	22.1	34.6
15°	209.8	192.9	180.0	170.9	165.8	164.2	33.1	67.8
20°	203.9	180.8	163.6	152.6	146.9	145.4	44.1	111.8
25°	199.2	168.9	148.0	136.4	133.7	133.3	55.1	167.0
30°	194.2	156.2	132.1	124.5	121.2	120.1	66.1	233.1
35°	188.4	141.3	117.6	107.8	99.5	97.2	76.4	309.5
40°	178.8	121.3	101.1	88.0	83.9	83.7	86.2	395.7
45°	163.5	95.8	80.4	72.5	71.9	71.8	94.9	490.6
50°	139.7	72.2	62.8	61.5	61.8	62.5	101.8	592.5
55°	102.1	56.4	52.3	53.3	58.7	62.4	106.1	698.6
60°	61.4	45.5	44.2	48.6	60.4	65.2	105.0	803.5
65°	41.7	35.1	36.6	45.4	56.5	57.4	92.1	895.6
70°	26.8	24.7	28.8	38.4	42.4	41.8	61.7	957.3
75°	14.7	15.0	19.0	26.7	25.5	24.2	30.9	988.2
80°	6.6	6.7	8.6	11.9	9.6	8.5	10.0	998.2
85°	2.1	1.7	1.7	1.7	0.7	0.5	1.8	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	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	1000.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170°	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	1000.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

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**Multilumen-Tabelle**

Umgebungstemperatur: 25°C



DIP-Stufe	Schalterstellung			Lichtstrom [lm]	Systemleistung [W]
	1	2	3		
0	OFF	OFF	OFF	26000	200.0
1	ON	OFF	OFF	22100	170.0
2	OFF	ON	OFF	19500	150.0
4	OFF	OFF	ON	13000	100.0