

## Lichttechnischer Prüfbefund

**Familie**  
**Floodlight FL41**

**Bestell-Nr.: 5XA8571A1121**  
**EAN: 4058352718377**

**LP-Nummer**  
**59399\_1**



<b>Ausführung</b>	Tragbügel
<b>Optik</b>	asymmetrisch strahlend PL32
<b>Abdeckung</b>	Einscheibensicherheitsglas (ESG)
<b>Bestückung</b>	LED 3000 K   CRI ≥ 70
<b>Betriebsgerät</b>	EVG-Multilumen
<b>Bemessungswerte</b>	Nettolichtstrom = 13000 lm Systemleistung = 100.0 W Lichtausbeute = 130 lm/W

**Seriendokumentation**  
**13.07.2023**

**sITeco**

**Lichtstärke in cd/klm**

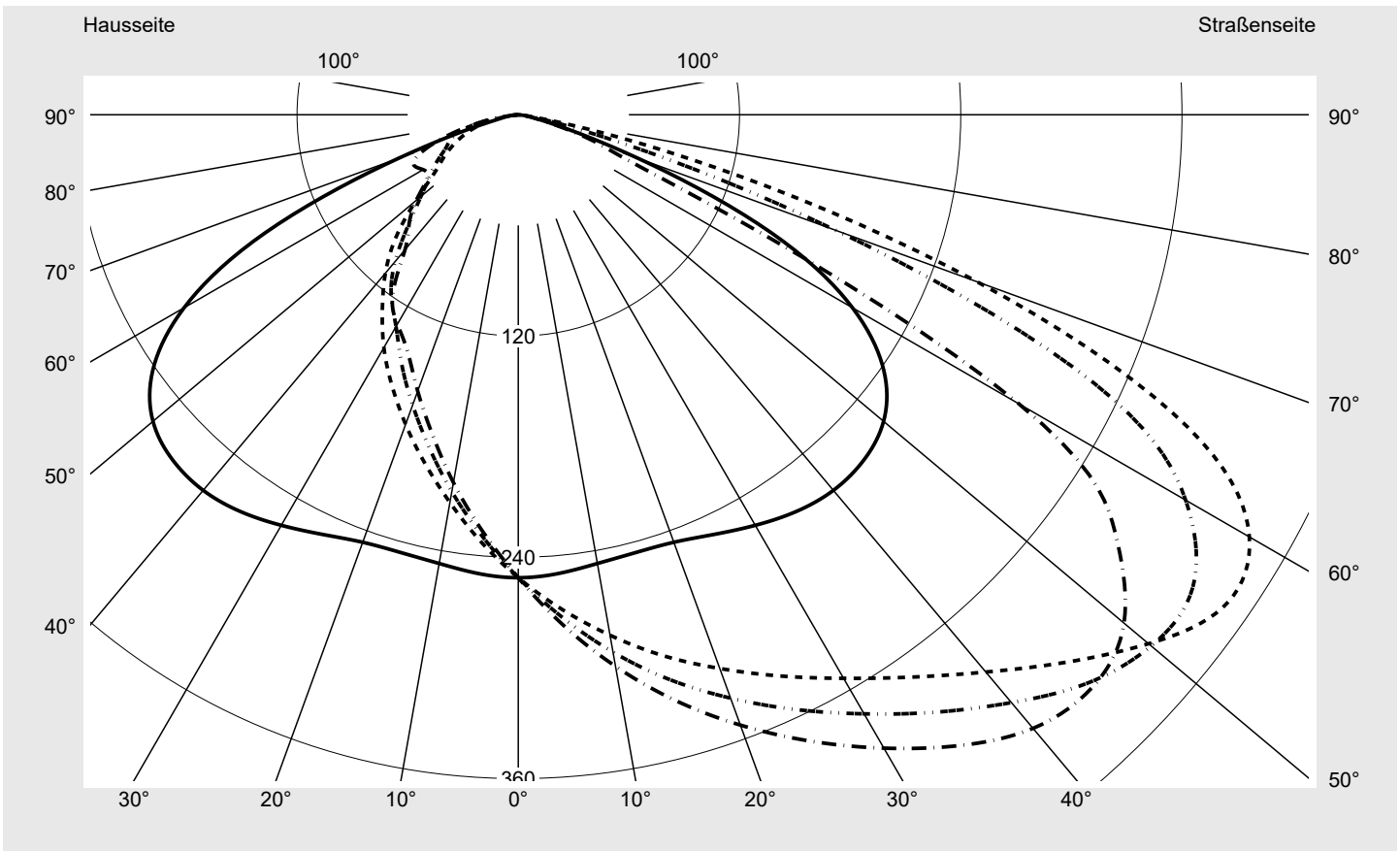
**C180-0**

**C225-45**

**C240-60**

**C270-90**

**Imax: 466 cd/klm**



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

Klasse:	G6
Imax 70°	264.9
Imax 80°	17.8
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

**Messbedingungen**

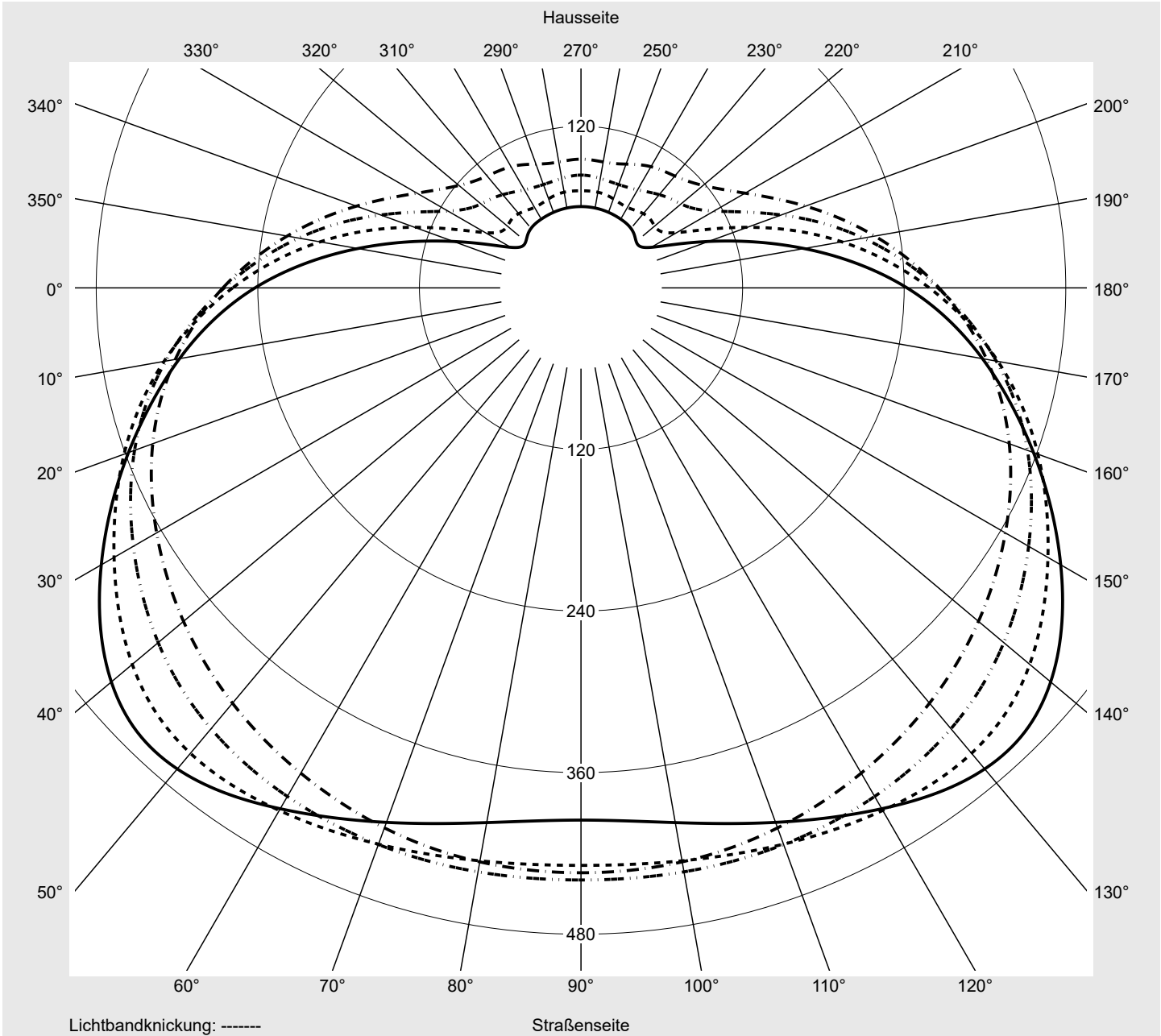
DIN EN 13032 und DIN 5032

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<b>Familie</b> Floodlight FL41	<b>Bestell-Nr.:</b> 5XA8571A1121 <b>EAN:</b> 4058352718377	<b>LP-Nummer</b> 59399_1
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**Kegelmantelkurven in cd/klm**    **KMK 55°**    **KMK 50°**    **KMK 45°**    **KMK 40°**



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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°	251.1	251.1	251.1	251.1	251.1	251.1	251.1
5°	249.7	256.7	263.1	269.1	273.6	276.6	277.7
10°	247.1	261.3	274.7	286.6	295.9	301.6	303.7
15°	245.8	266.1	286.1	303.7	317.1	325.9	328.8
20°	246.7	273.0	298.1	319.6	336.7	348.6	352.2
25°	251.1	283.7	311.5	335.8	355.9	370.0	374.8
30°	257.1	296.2	326.6	352.9	375.2	391.4	396.6
35°	262.7	309.7	344.4	372.3	395.5	412.1	417.6
40°	265.9	323.3	363.9	394.5	416.2	430.5	434.4
45°	265.0	334.3	383.8	420.0	436.1	440.5	439.7
50°	258.7	339.0	400.4	446.3	448.1	435.5	428.9
55°	242.1	330.1	411.4	466.2	446.7	411.9	395.3
60°	209.3	304.4	409.4	457.9	418.0	344.2	313.6
65°	151.3	254.5	349.9	400.5	344.9	183.1	112.4
70°	69.4	139.6	227.4	264.9	183.2	64.5	47.4
75°	20.1	36.9	90.0	110.8	53.7	25.0	18.7
80°	7.4	9.5	13.0	17.8	11.6	7.6	5.7
85°	1.6	1.8	1.6	1.5	0.9	0.8	0.6
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>
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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°	251.1	251.1	251.1	251.1	251.1	251.1	1.5	1.5
5°	242.9	237.1	232.4	228.9	226.9	226.2	12.0	13.5
10°	233.7	222.8	213.5	207.6	203.4	202.6	23.8	37.3
15°	226.0	209.2	195.7	186.8	181.2	179.7	35.4	72.7
20°	220.7	196.7	178.7	167.5	161.0	159.5	46.9	119.6
25°	216.1	184.7	162.1	149.5	143.1	141.9	58.3	178.0
30°	212.9	173.1	145.8	132.6	130.2	131.2	69.8	247.8
35°	207.7	159.4	128.5	120.2	117.6	118.7	81.2	329.0
40°	199.2	140.7	112.1	103.9	95.6	95.6	91.3	420.3
45°	185.7	114.1	93.7	84.1	81.8	83.8	100.2	520.5
50°	164.2	82.1	72.5	69.0	71.6	72.1	106.3	626.8
55°	132.2	60.2	55.9	59.0	60.0	60.4	108.6	735.4
60°	82.7	48.9	47.0	51.1	54.3	59.6	103.4	838.8
65°	45.7	37.6	39.0	43.6	56.5	62.8	82.6	921.4
70°	26.9	26.9	30.7	39.0	51.3	52.9	50.4	971.8
75°	14.3	16.7	21.4	30.6	34.8	34.5	21.2	993.0
80°	6.5	7.4	10.3	16.8	17.0	16.2	6.1	999.1
85°	1.5	1.7	1.9	2.8	2.3	2.6	0.9	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

**sITeco**

DIP-Stufe	Schalterstellung			Lichtstrom [lm]	Systemleistung [W]
	1	2	3		
0	OFF	OFF	OFF	13000	100.0
1	ON	OFF	OFF	9100	70.0
2	OFF	ON	OFF	6500	50.0
4	OFF	OFF	ON	3900	30.0