

## Lichttechnischer Prüfbefund

**Familie**  
**Monsun® 21**

**Bestell-Nr.: 51FB10MP380C**  
**EAN: 4069025178183**

**LP-Nummer**  
**58939\_248**



**Ausführung** Prismenwanne, opal, PMMA, breit strahlend  
**Bestückung** LED 3000 K | CRI ≥ 80  
**Betriebsgerät** EVG-Multilumen  
**Bemessungswerte** Nettolichtstrom = 8500 lm  
 Systemleistung = 50.8 W  
 Lichtausbeute = 167.3 lm/W

**Seriendokumentation**  
**06.02.2026**

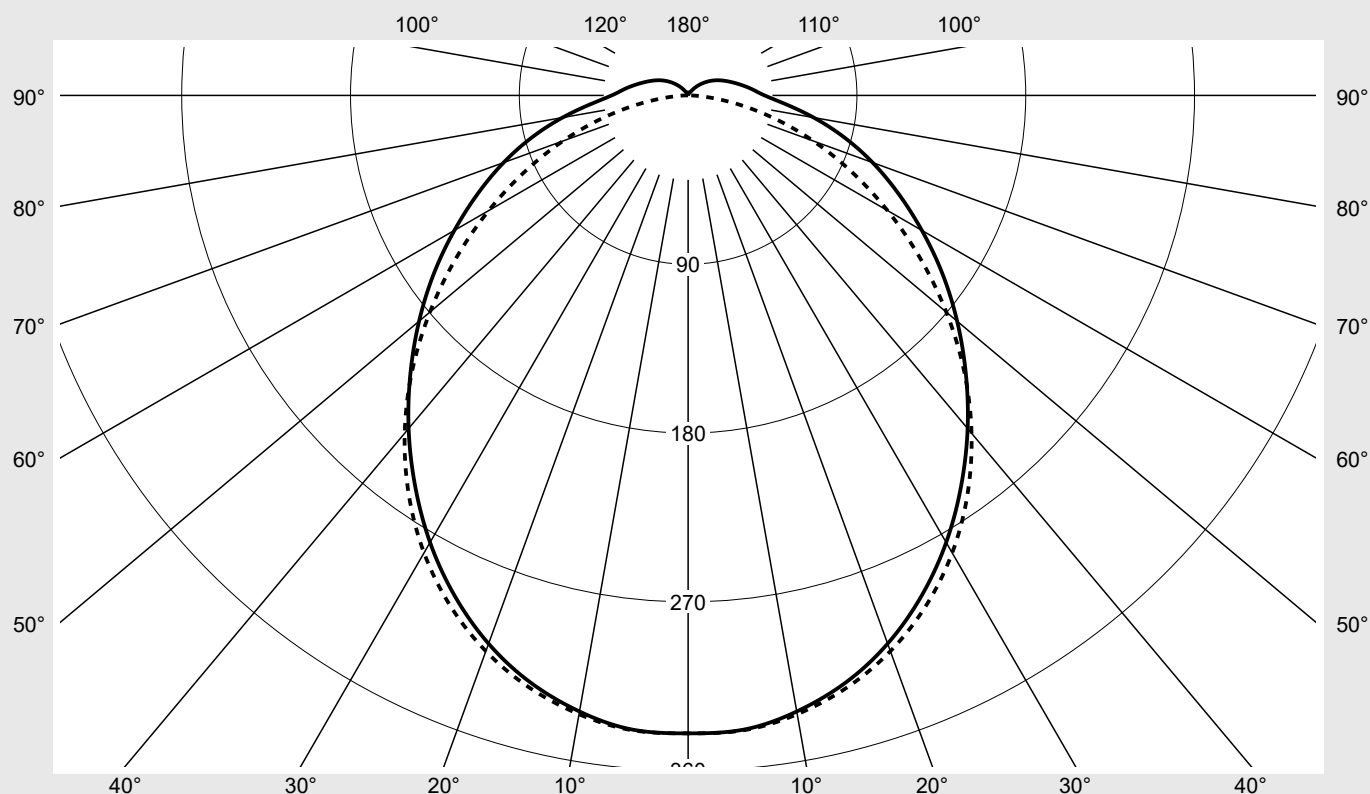
**sITeco**

**Lichtstärke in cd/klm**

**C180-0**

**C270-90**

**Imax: 340 cd/klm**



**Klassifizierungen**

DIN 5040 A 4 1  
 CIE N1=47 N2=77 N3=93  
 N4=94 N5=100

**Leuchtenbetriebswirkungsgrade**

$\eta_{LB}$  100,0%  
 $\phi_u$  94,2%  
 $\phi_o$  5,8%

**Messbedingungen**

DIN EN 13032 und DIN 5032

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Monsun® 21</b>	<b>Bestell-Nr.: 51FB10MP380C</b> <b>EAN: 4069025178183</b>	<b>LP-Nummer</b> <b>58939_248</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-Zone	Summe	
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			Phi-Zone	Phi-Zone
γ										
Lichtstärke in cd/klm										
Lichtstrom in lm/klm										
0°	340.1	340.1	340.1	340.1	340.1	340.1	340.1	2.0	2.0	
5°	339.4	338.3	336.5	337.9	339.5	339.4	339.8	16.2	18.2	
10°	333.5	333.0	331.2	332.8	334.6	334.7	335.0	31.7	49.9	
15°	324.2	324.2	322.5	324.2	326.1	326.4	326.9	46.1	96.0	
20°	311.0	311.6	310.1	311.9	314.1	314.7	315.3	58.6	154.6	
25°	294.4	295.4	294.1	296.0	298.4	299.4	300.2	68.7	223.4	
30°	275.2	276.6	275.1	276.8	279.4	280.7	281.6	76.1	299.5	
35°	253.9	255.2	253.8	254.9	257.1	258.4	259.7	80.5	380.0	
40°	231.8	232.9	231.3	231.1	232.5	233.8	235.1	81.9	461.9	
45°	209.4	209.9	207.8	205.9	206.1	206.6	208.2	80.4	542.4	
50°	187.2	187.1	184.8	181.3	179.3	178.3	179.7	76.6	619.0	
55°	165.5	164.8	162.1	157.0	153.1	150.2	150.9	70.7	689.7	
60°	143.9	142.9	139.5	133.7	127.9	123.2	122.7	63.3	753.0	
65°	123.6	122.5	117.8	111.0	104.2	97.9	96.0	54.9	808.0	
70°	104.7	103.3	97.1	89.4	81.7	74.3	71.0	45.8	853.8	
75°	86.1	84.4	77.8	69.2	60.2	52.2	47.8	36.3	890.0	
80°	68.0	66.1	60.2	50.5	40.7	32.1	26.9	26.7	916.7	
85°	51.8	50.0	44.6	35.3	24.7	15.7	10.1	18.3	935.0	
90°	40.8	39.2	34.4	26.0	15.9	6.9	1.8	13.1	948.2	
95°	34.8	33.5	29.7	22.7	13.6	5.1	1.6	11.2	959.3	
100°	29.9	28.8	25.4	19.2	11.3	3.7	1.4	9.4	968.7	
105°	25.7	24.7	21.4	16.1	8.8	2.4	1.2	7.7	976.4	
110°	22.1	20.9	18.0	13.0	6.6	1.4	1.1	6.1	982.5	
115°	19.0	17.8	15.0	10.4	4.7	1.2	1.1	4.9	987.4	
120°	16.0	14.8	12.2	7.9	3.1	1.2	1.0	3.8	991.2	
125°	13.0	11.9	9.4	5.6	1.7	1.1	0.9	2.7	993.9	
130°	10.1	9.1	6.9	3.7	1.4	1.1	1.0	1.9	995.9	
135°	7.3	6.5	4.6	2.1	1.4	1.1	1.1	1.3	997.1	
140°	4.8	4.1	2.7	1.7	1.4	1.1	1.1	0.8	998.0	
145°	2.6	2.3	1.9	1.7	1.4	1.2	1.2	0.5	998.5	
150°	2.0	2.0	1.9	1.6	1.3	1.3	1.3	0.4	998.9	
155°	1.9	1.9	1.7	1.6	1.4	1.4	1.4	0.4	999.3	
160°	1.7	1.7	1.6	1.4	1.4	1.4	1.4	0.3	999.6	
165°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.2	999.8	
170°	1.3	1.4	1.4	1.4	1.4	1.4	1.4	0.1	999.9	
175°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.1	1000.0	
180°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.0	1000.0	

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Monsun® 21</b>	<b>Bestell-Nr.: 51FB10MP380C</b> <b>EAN: 4069025178183</b>	<b>LP-Nummer</b> <b>58939_248</b>
-------------------------------------	---------------------------------------------------------------	--------------------------------------

UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	21,3	23,0	21,6	23,3	23,6	21,2	22,9	21,6	23,3	23,6
	3H	23,0	24,5	23,4	24,9	25,2	22,6	24,2	23,0	24,5	24,8
	4H	23,8	25,3	24,2	25,6	26,0	23,1	24,6	23,5	25,0	25,3
	6H	24,6	25,9	25,0	26,3	26,7	23,5	24,9	23,9	25,2	25,6
	8H	24,9	26,2	25,4	26,6	27,0	23,6	24,9	24,1	25,3	25,7
	12H	25,2	26,4	25,7	26,8	27,2	23,7	24,9	24,1	25,3	25,7
4H	2H	22,0	23,4	22,3	23,8	24,1	21,9	23,4	22,3	23,7	24,1
	3H	23,9	25,1	24,3	25,5	25,9	23,5	24,8	23,9	25,1	25,5
	4H	24,9	26,0	25,3	26,4	26,8	24,2	25,3	24,6	25,7	26,1
	6H	25,8	26,8	26,2	27,2	27,6	24,6	25,6	25,1	26,1	26,5
	8H	26,2	27,1	26,6	27,5	28,0	24,8	25,7	25,2	26,1	26,6
	12H	26,6	27,4	27,1	27,9	28,4	24,9	25,7	25,4	26,2	26,7
8H	4H	25,2	26,1	25,6	26,5	27,0	24,6	25,5	25,0	25,9	26,4
	6H	26,3	27,0	26,7	27,5	28,0	25,2	25,9	25,7	26,4	26,9
	8H	26,8	27,5	27,3	28,0	28,5	25,4	26,1	25,9	26,6	27,1
	12H	27,3	27,9	27,9	28,4	29,0	25,6	26,1	26,1	26,6	27,2
12H	4H	25,2	26,0	25,7	26,5	27,0	24,7	25,5	25,1	25,9	26,4
	6H	26,3	27,0	26,8	27,5	28,0	25,3	26,0	25,8	26,5	27,0
	8H	26,9	27,5	27,4	28,0	28,6	25,6	26,2	26,1	26,7	27,2

<b>Leuchtdichten-Tabelle</b> Max. für $\gamma \geq 65^\circ$	<b>Lichttechnische Abmessungen in mm:</b> L = 1590 B = 87	H(C0) = 21 H(C90) = 21	H(C180) = 21 H(C270) = 21
--------------------------------------------------------------	--------------------------------------------------------------	---------------------------	------------------------------

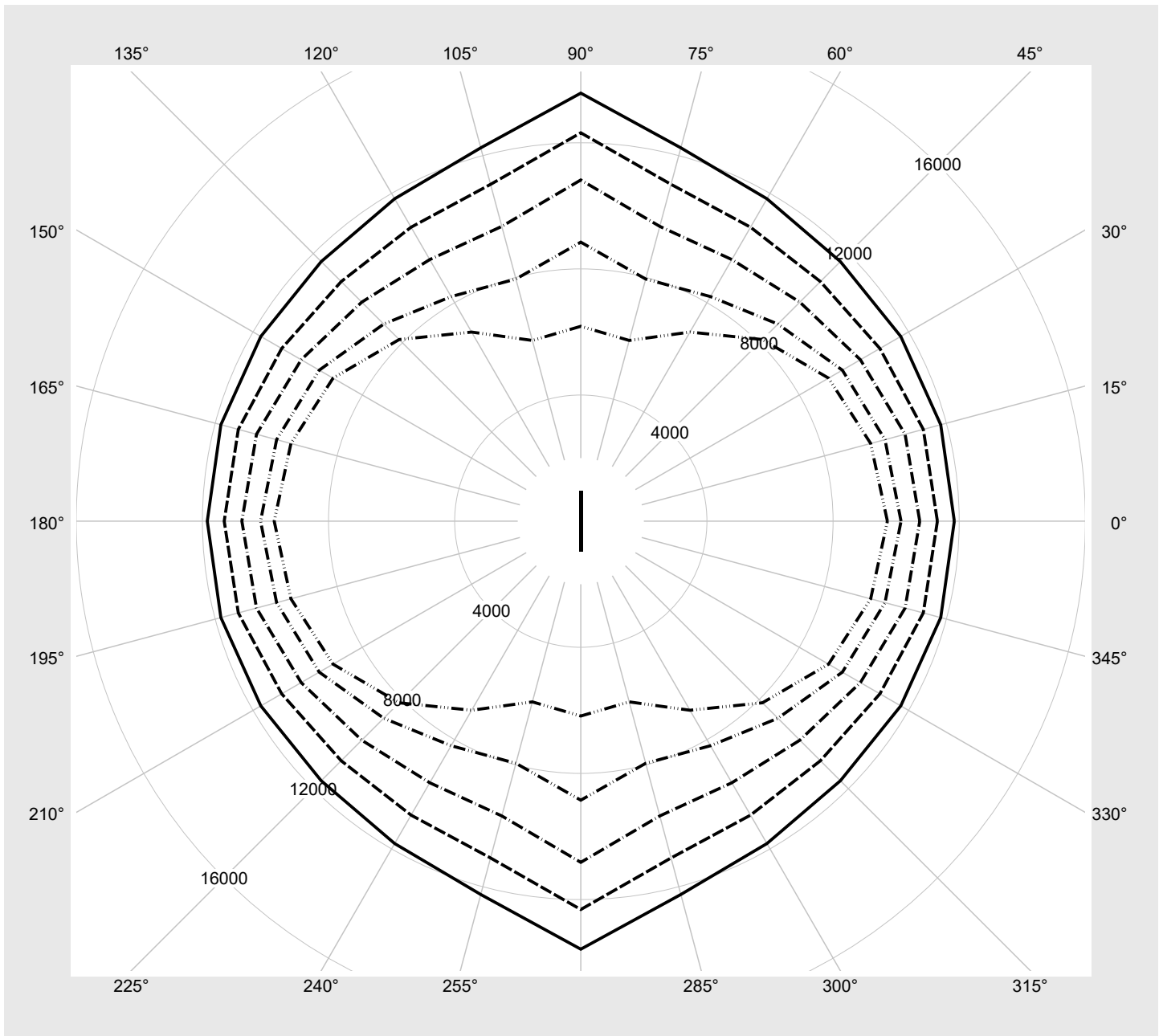
C-Ebenen	$\gamma$	Leuchtdichte in cd/m <sup>2</sup>							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		14656.5	14747.3	14855.2	15165.8	15820.4	16696.6	17854.8	
50°		13900.7	13952.2	14056.5	14270.9	14810.6	15642.7	16911.8	
55°		13181.2	13196.5	13277.4	13382.0	13799.1	14526.3	15863.7	
60°		12470.1	12459.6	12481.3	12520.9	12795.9	13396.4	14745.4	
65°		11845.0	11816.5	11716.5	11642.2	11805.6	12257.5	13574.2	
70°		11308.2	11244.3	10952.6	10745.7	10764.8	11058.2	12315.9	
75°		10748.6	10647.1	10238.6	9823.4	9579.7	9678.5	10820.0	
80°		10155.5	9986.9	9577.6	8839.2	8223.6	7950.0	8848.3	
85°		9722.7	9516.8	9071.8	8146.1	6924.4	5933.2	6179.5	

# Lichttechnischer Prüfbefund

<b>Familie</b> <b>Monsun® 21</b>	<b>Bestell-Nr.: 51FB10MP380C</b> <b>EAN: 4069025178183</b>	<b>LP-Nummer</b> <b>58939_248</b>
-------------------------------------	---------------------------------------------------------------	--------------------------------------

Leuchtdichten in cd/m<sup>2</sup>       $\gamma$  65°     $\gamma$  70°     $\gamma$  75°     $\gamma$  80°     $\gamma$  85°

**siteco**



## Lichttechnischer Prüfbefund

Familie  
Monsun® 21

Bestell-Nr.: 51FB10MP380C  
EAN: 4069025178183

LP-Nummer  
58939\_248

### Multilumen-Tabelle

Umgebungstemperatur: 25°C

siteco

DIP-Stufe	1	Schalterstellung		Lichtstrom [lm]	Systemleistung [W]
		2	3		
1	A	C	E	8500	50.8
2	A	C	F	7970	47.3
3	A	D	E	7300	43.0
4	A	D	F	6610	38.7
5	B	C	E	5920	34.5
6	B	C	F	5210	30.3
7	B	D	E	4500	26.1
8	B	D	F	3760	21.9