

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TL1WMN4FXM
EAN: 4069025081247

LP-Nummer
59521_11



Ausführung Abdeckung satiniert, breit strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-Multilumen
Bemessungswerte Nettolichtstrom = 15140 lm
 Systemleistung = 83.1 W
 Lichtausbeute = 182.2 lm/W

Seriendokumentation
15.03.2024

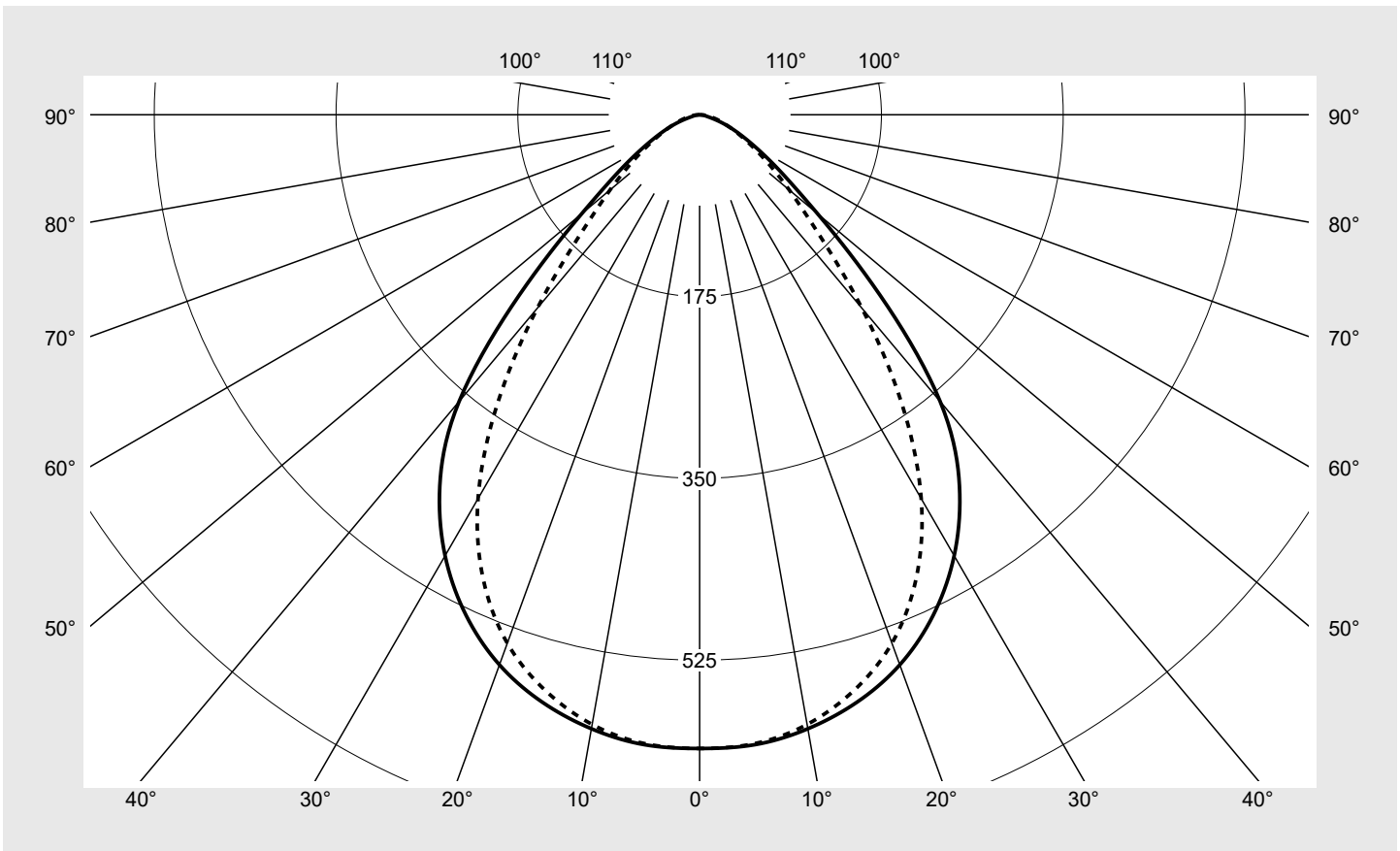
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Lichtstärke in cd/klm

C180-0

C270-90

Imax: 610 cd/klm



Klassifizierungen

DIN 5040 A 5 0
 CIE N1=73 N2=94 N3=99
 N4=100 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 100,0%
 ϕ_o 0,0%

Messbedingungen

DIN EN 13032 und DIN 5032

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		sITeco

C- Ebenen	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-Zone	Summe Phi-Zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
γ	Lichtstärke in cd/klm							Lichtstrom in lm/klm	
0°	610.0	610.0	610.0	610.0	610.0	610.0	610.0	3.6	3.6
5°	608.6	607.6	603.5	605.7	607.8	607.2	607.6	29.0	32.6
10°	600.1	600.0	594.9	595.9	596.5	595.2	595.9	56.8	89.4
15°	585.3	585.9	578.8	577.8	576.6	573.9	573.7	82.1	171.5
20°	563.4	563.9	554.9	550.2	546.3	542.2	541.3	103.4	275.0
25°	531.8	531.9	519.6	510.4	502.3	495.0	493.0	118.6	393.5
30°	490.1	489.9	473.2	457.8	443.0	430.6	426.6	125.7	519.3
35°	436.1	434.9	413.9	389.9	365.2	345.5	339.2	122.5	641.7
40°	360.2	357.4	334.2	303.1	273.1	250.6	243.1	106.9	748.6
45°	245.6	242.6	226.1	203.9	182.4	166.8	161.9	79.2	827.8
50°	148.2	149.1	145.2	133.7	122.4	114.2	112.6	55.6	883.4
55°	94.6	95.2	94.9	92.6	85.9	79.9	79.2	40.1	923.5
60°	61.8	62.8	63.1	63.8	60.6	55.1	54.9	28.8	952.3
65°	39.8	41.1	42.4	42.8	42.4	38.1	37.8	20.3	972.6
70°	23.6	24.8	26.8	28.2	28.2	26.4	25.7	13.6	986.2
75°	10.5	11.2	13.0	16.6	16.9	18.1	17.0	7.9	994.2
80°	5.4	5.5	5.6	6.4	8.9	11.0	9.8	4.1	998.2
85°	2.7	2.8	2.9	2.9	2.8	4.7	4.7	1.8	1000.0
90°	0.0	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	0.0	1000.0
100°	0.0	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	0.0	1000.0
110°	0.0	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	0.0	1000.0
120°	0.0	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	0.0	1000.0
130°	0.0	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	0.0	1000.0
140°	0.0	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	0.0	1000.0
150°	0.0	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	0.0	1000.0
160°	0.0	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	0.0	1000.0
170°	0.0	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	0.0	1000.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

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

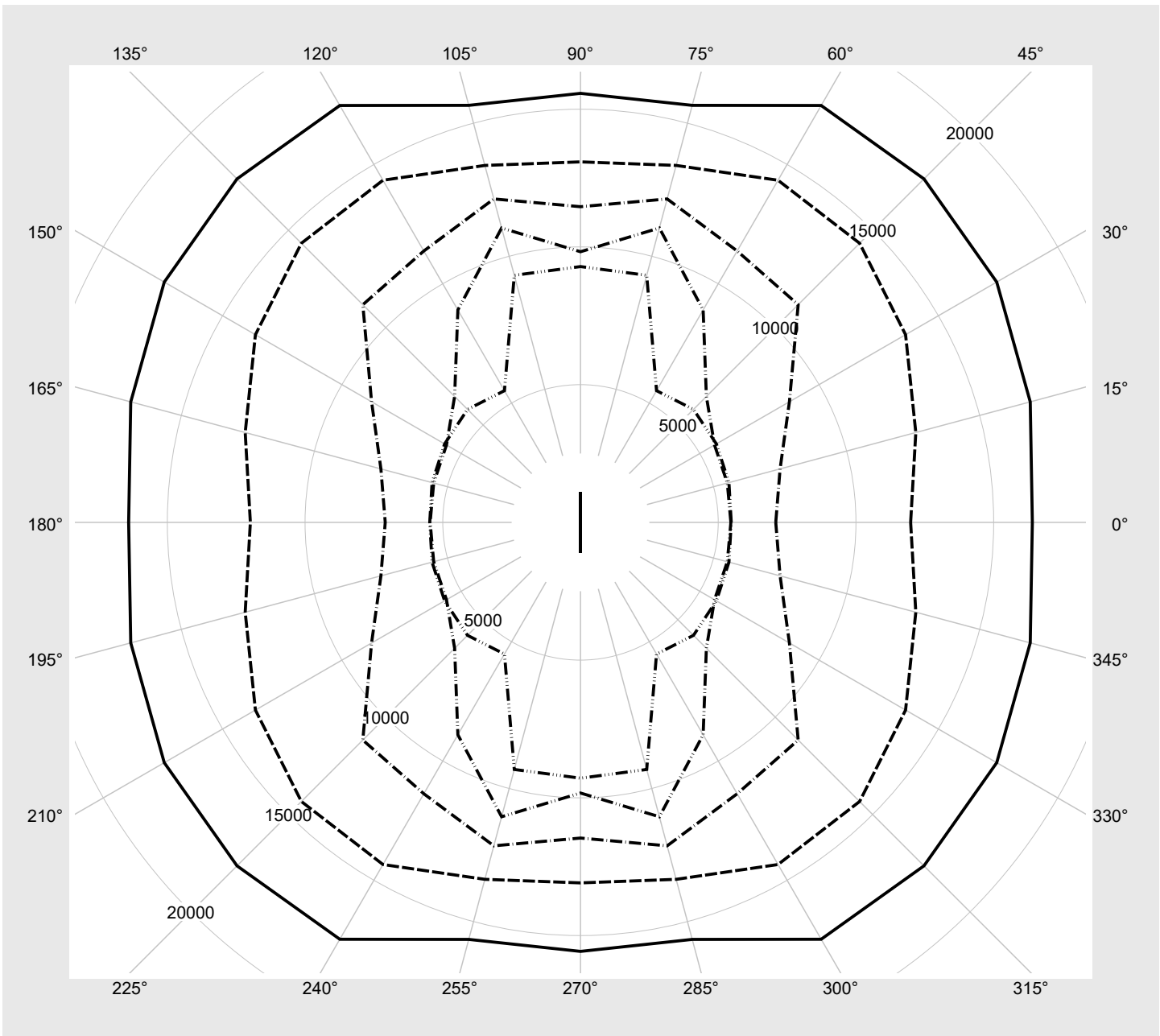
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1500 B = 58
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C-Ebenen	γ	Leuchtdichte in cd/m ²						
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
45°		60451.7	59716.6	55637.6	50189.1	44884.8	41059.5	39840.1
50°		40109.7	40369.6	39304.3	36196.3	33134.9	30906.7	30481.7
55°		28690.7	28880.6	28800.8	28086.3	26053.5	24235.9	24028.1
60°		21497.4	21841.6	21976.3	22214.7	21077.3	19187.4	19112.6
65°		16404.2	16903.7	17448.5	17634.2	17475.3	15673.3	15574.9
70°		11985.5	12602.2	13627.4	14330.6	14342.3	13415.8	13088.1
75°		7088.8	7501.7	8758.3	11176.2	11376.6	12156.5	11459.9
80°		5458.8	5517.9	5618.1	6462.9	8904.2	11063.8	9825.2
85°		5472.9	5578.8	5696.6	5800.4	5520.8	9286.6	9286.6

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Leuchtdichten in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



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Multilumen-Tabelle

Umgebungstemperatur: 25°C

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DIP-Stufe	Schalterstellung			Lichtstrom [lm]	Systemleistung [W]
	1	2	3		
1	A	C	E	15140	83.1
2	A	C	F	14227	77.5
3	A	D	E	13145	71.1
4	A	D	F	12200	65.4
5	B	C	E	11161	59.4
6	B	C	F	10174	53.9
7	B	D	E	9103	47.9
8	B	D	F	8095	42.4