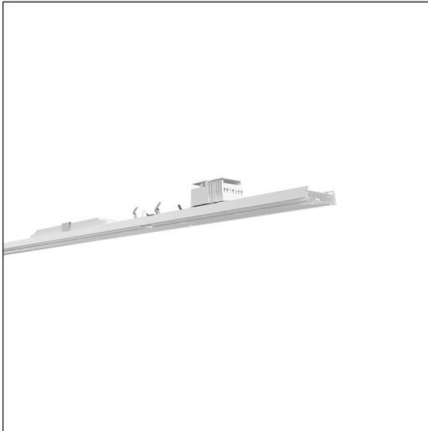


Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TL18DND75F
EAN: 4058352454312

LP-Nummer
59103_225



Ausführung Abdeckung satiniert, medium strahlend, hoher Sehkomfort

Bestückung LED 4000 K | CRI ≥ 90

Betriebsgerät EVG-DALI

Bemessungswerte Nettolichtstrom = 7730 lm
Systemleistung = 59.8 W
Lichtausbeute = 129.3 lm/W

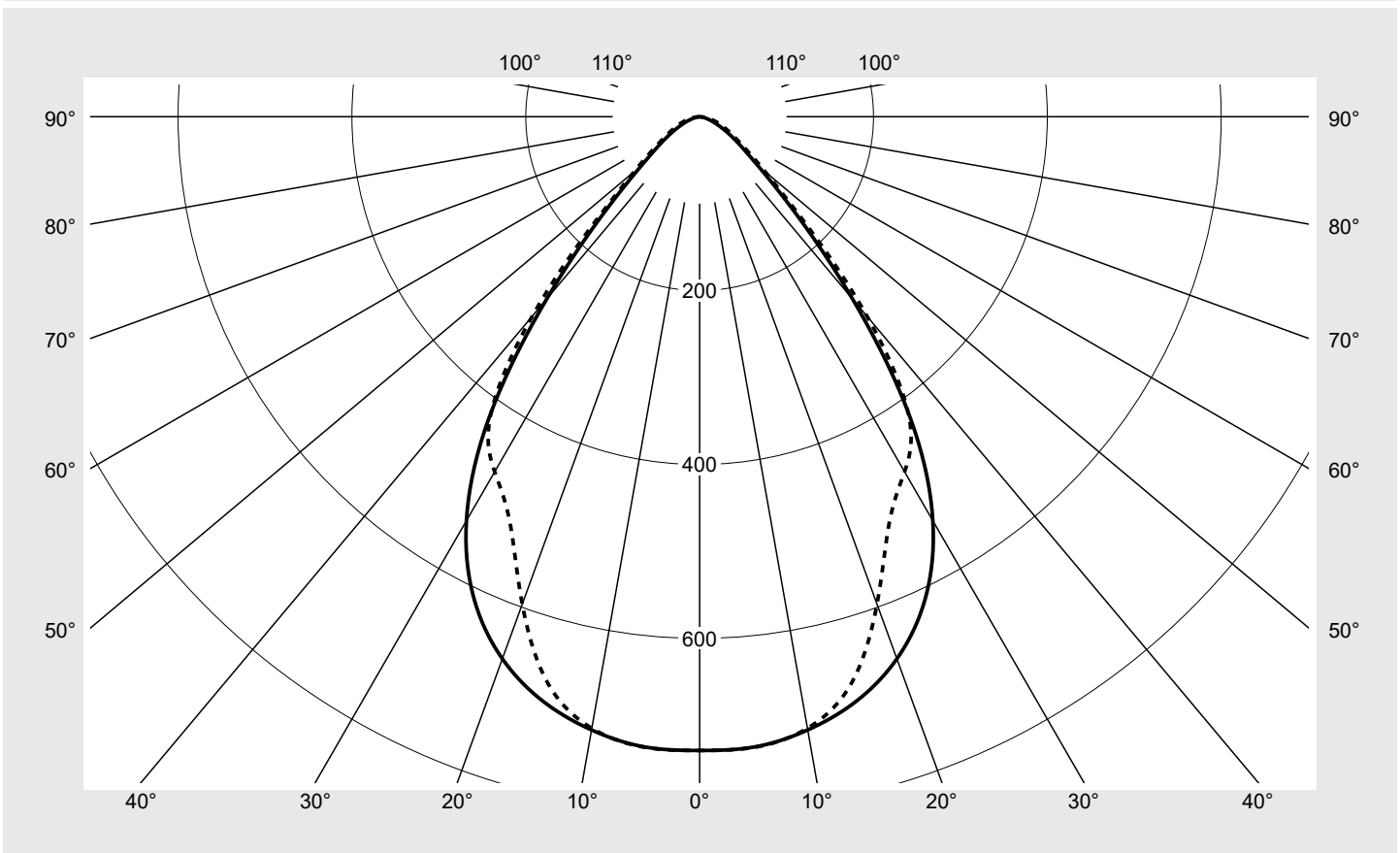
Seriendokumentation
04.07.2022

siteco

Lichtstärke in cd/klm

C180-0 **C270-90**

Imax: 729 cd/klm



Klassifizierungen

DIN 5040 A 6 0
CIE N1=79 N2=95 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

Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52TL18DND75F EAN: 4058352454312	LP-Nummer 59103_225
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°	728.9	728.9	728.9	728.9	728.9	728.9	728.9	4.4	4.4
5°	727.6	725.6	721.4	724.4	727.7	727.5	728.0	34.7	39.0
10°	716.2	715.8	711.3	714.1	716.0	714.5	714.3	68.0	107.0
15°	696.1	697.2	692.4	692.3	687.6	678.3	674.7	97.7	204.8
20°	663.5	665.6	659.3	649.0	628.4	605.3	596.6	119.9	324.7
25°	613.2	616.1	603.1	573.7	542.7	522.2	516.0	132.1	456.8
30°	536.6	538.7	513.6	472.5	462.2	468.1	471.5	135.2	592.0
35°	422.0	421.2	386.0	361.6	387.1	411.1	419.4	125.1	717.1
40°	273.6	269.8	241.4	246.2	279.1	295.4	299.7	95.1	812.2
45°	153.4	148.0	132.2	146.4	164.6	167.9	167.6	59.4	871.5
50°	87.1	86.0	88.4	95.4	105.5	102.0	98.3	39.9	911.4
55°	56.5	55.2	58.2	69.2	74.7	68.5	64.6	28.9	940.4
60°	37.8	37.4	39.6	46.2	52.4	47.5	45.7	20.9	961.3
65°	24.5	24.8	27.6	32.4	36.8	34.0	33.6	15.3	976.6
70°	15.3	15.7	18.0	22.8	25.8	24.5	24.5	10.9	987.5
75°	8.5	8.7	10.3	14.3	17.1	16.5	16.4	7.0	994.5
80°	4.5	4.6	5.3	7.4	9.6	9.5	9.0	3.9	998.3
85°	2.3	2.3	2.4	3.2	3.8	3.8	3.2	1.7	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

Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52TL18DND75F EAN: 4058352454312	LP-Nummer 59103_225
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UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	19,3	20,7	19,7	21,0	21,3	20,0	21,3	20,3	21,7	22,0
	3H	19,5	20,7	19,9	21,0	21,4	20,4	21,6	20,7	21,9	22,3
	4H	19,5	20,6	19,9	21,0	21,3	20,5	21,6	20,9	22,0	22,4
	6H	19,5	20,5	19,9	20,9	21,3	20,7	21,7	21,1	22,0	22,4
	8H	19,6	20,5	20,0	20,8	21,2	20,8	21,6	21,2	22,0	22,4
	12H	19,6	20,4	20,0	20,8	21,2	20,8	21,6	21,2	22,0	22,4
4H	2H	19,5	20,6	19,9	21,0	21,3	20,1	21,2	20,5	21,5	21,9
	3H	19,7	20,6	20,2	21,0	21,5	20,6	21,5	21,0	21,9	22,3
	4H	19,8	20,6	20,2	21,0	21,4	20,9	21,7	21,3	22,1	22,5
	6H	19,8	20,5	20,3	20,9	21,4	21,1	21,8	21,5	22,2	22,7
	8H	19,8	20,4	20,3	20,9	21,4	21,1	21,7	21,6	22,2	22,7
	12H	19,8	20,4	20,3	20,8	21,3	21,2	21,7	21,7	22,2	22,7
8H	4H	19,9	20,5	20,3	20,9	21,4	20,9	21,5	21,4	22,0	22,4
	6H	19,9	20,4	20,4	20,9	21,4	21,2	21,7	21,6	22,1	22,6
	8H	19,9	20,3	20,4	20,8	21,4	21,2	21,7	21,7	22,2	22,7
	12H	19,9	20,3	20,4	20,8	21,3	21,3	21,7	21,8	22,2	22,7
12H	4H	19,9	20,4	20,4	20,9	21,4	20,9	21,4	21,4	21,9	22,4
	6H	19,9	20,3	20,4	20,8	21,4	21,2	21,6	21,7	22,1	22,6
	8H	19,9	20,3	20,5	20,8	21,3	21,3	21,6	21,8	22,1	22,7

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$

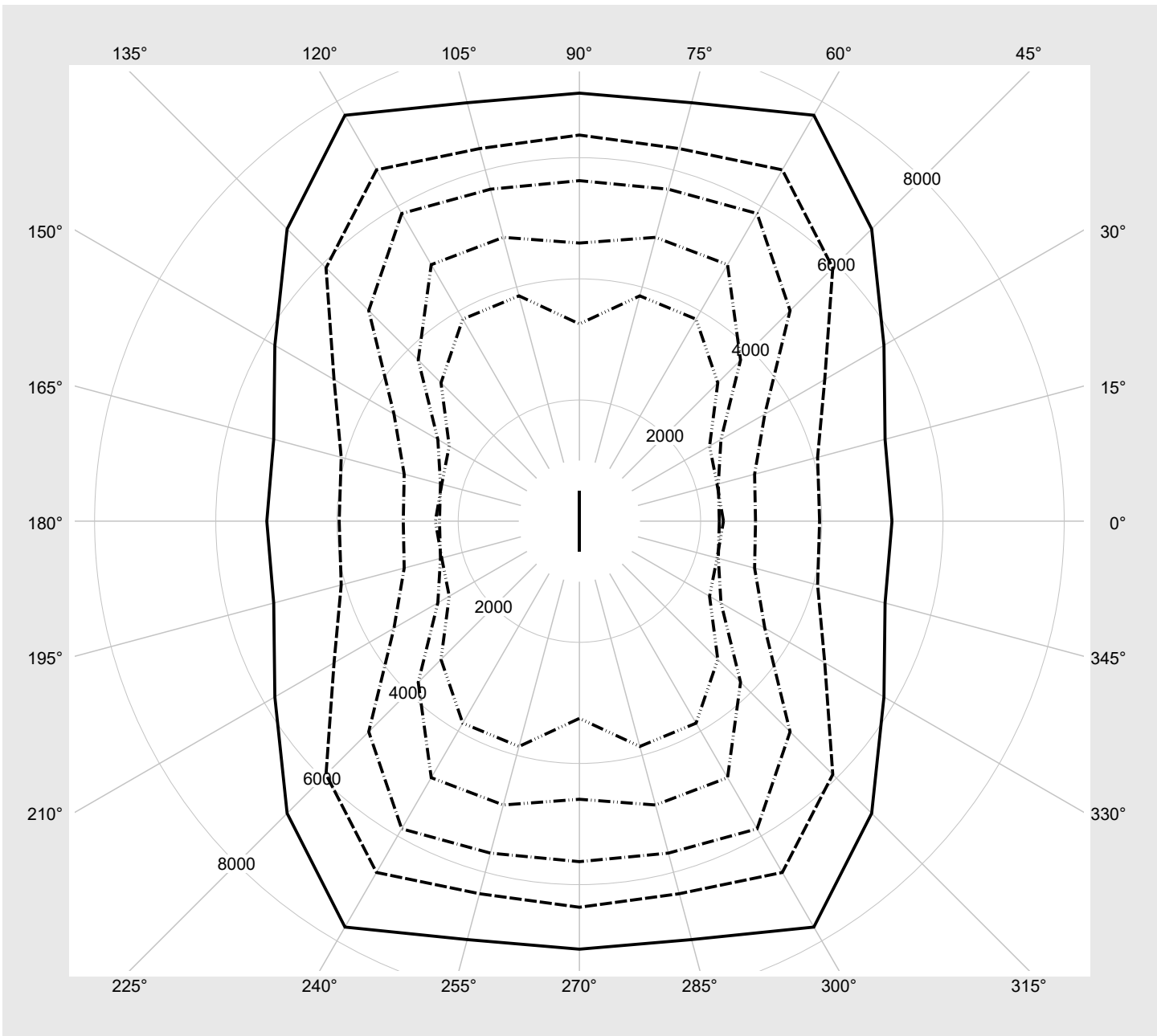
Lichttechnische Abmessungen in mm: L = 1500 B = 58

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°		19274.8	18593.2	16609.0	18389.4	20682.5	21096.5	21064.7
50°		12045.2	11887.5	12220.4	13187.4	14585.3	14094.7	13593.8
55°		8747.9	8547.6	9010.9	10726.6	11570.9	10616.8	10004.2
60°		6711.1	6639.1	7030.9	8210.9	9305.5	8440.6	8116.3
65°		5158.2	5222.1	5803.0	6820.8	7737.4	7151.3	7065.9
70°		3963.7	4069.2	4675.0	5912.9	6696.4	6367.2	6373.7
75°		2906.3	2993.2	3532.8	4916.3	5864.5	5673.2	5621.1
80°		2308.7	2373.1	2697.5	3760.8	4889.5	4850.6	4591.2
85°		2377.3	2351.9	2480.3	3229.6	3850.4	3850.4	3256.1

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



Lichttechnischer Prüfbefund

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Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	sITeco
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	7730	59.8
95	240	252	7356	56.5
90	225	250	6948	52.7
85	211	247	6559	49.4
80	198	245	6192	46.3
75	184	242	5792	42.9
70	171	240	5411	39.9
65	158	237	5029	36.7
60	145	233	4638	33.7
55	132	230	4244	30.8
50	120	227	3875	28.0
45	107	222	3472	25.1
40	95	218	3095	22.4
35	83	213	2713	19.8
30	71	207	2328	17.1
25	59	201	1939	14.5
20	47	192	1548	11.8
15	35	181	1151	9.2
10	24	168	785	6.8
5	12	142	381	4.3
1	4	102	110	2.6