

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TL18VN565G
EAN: 4058352979662

LP-Nummer
59103_296



Ausführung Abdeckung satiniert, medium strahlend, hoher Sehkomfort

Bestückung LED 5000 K | CRI ≥ 80

Betriebsgerät EVG-DALI CLO

Bemessungswerte Nettolichtstrom = 6500 lm
Systemleistung = 37.3 W
Lichtausbeute = 174.3 lm/W

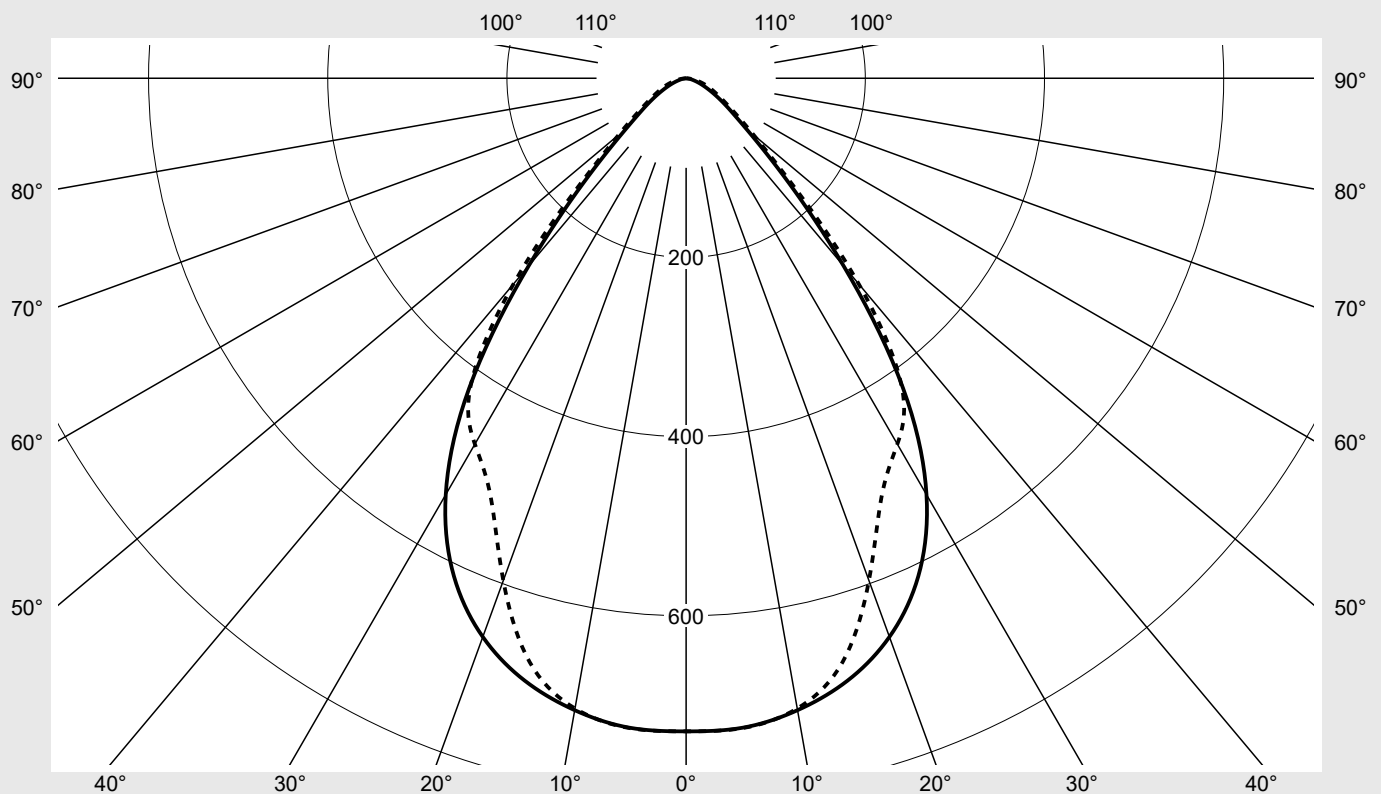
Seriendokumentation
07.11.2023

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

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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°	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

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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	18,7	20,1	19,1	20,4	20,7	19,4	20,7	19,7	21,1	21,4
	3H	18,9	20,1	19,3	20,4	20,8	19,8	21,0	20,1	21,3	21,6
	4H	18,9	20,0	19,3	20,4	20,7	19,9	21,0	20,3	21,4	21,8
	6H	18,9	19,9	19,3	20,3	20,7	20,1	21,0	20,5	21,4	21,8
	8H	19,0	19,9	19,4	20,2	20,6	20,2	21,0	20,6	21,4	21,8
	12H	19,0	19,8	19,4	20,2	20,6	20,2	21,0	20,6	21,4	21,8
4H	2H	18,9	20,0	19,3	20,3	20,7	19,5	20,6	19,9	20,9	21,3
	3H	19,1	20,0	19,6	20,4	20,9	20,0	20,9	20,4	21,3	21,7
	4H	19,2	20,0	19,6	20,4	20,8	20,3	21,1	20,7	21,5	21,9
	6H	19,2	19,9	19,7	20,3	20,8	20,5	21,2	20,9	21,6	22,1
	8H	19,2	19,8	19,7	20,3	20,8	20,5	21,1	21,0	21,6	22,1
	12H	19,2	19,8	19,7	20,2	20,7	20,6	21,1	21,1	21,6	22,1
8H	4H	19,3	19,9	19,7	20,3	20,8	20,3	20,9	20,8	21,4	21,8
	6H	19,3	19,8	19,8	20,3	20,8	20,6	21,1	21,0	21,5	22,0
	8H	19,3	19,7	19,8	20,2	20,8	20,6	21,1	21,1	21,6	22,1
	12H	19,3	19,7	19,8	20,2	20,7	20,7	21,1	21,2	21,6	22,1
12H	4H	19,3	19,8	19,8	20,3	20,8	20,3	20,8	20,8	21,3	21,8
	6H	19,3	19,7	19,8	20,2	20,8	20,6	21,0	21,1	21,5	22,0
	8H	19,3	19,7	19,9	20,2	20,7	20,7	21,0	21,2	21,5	22,1

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

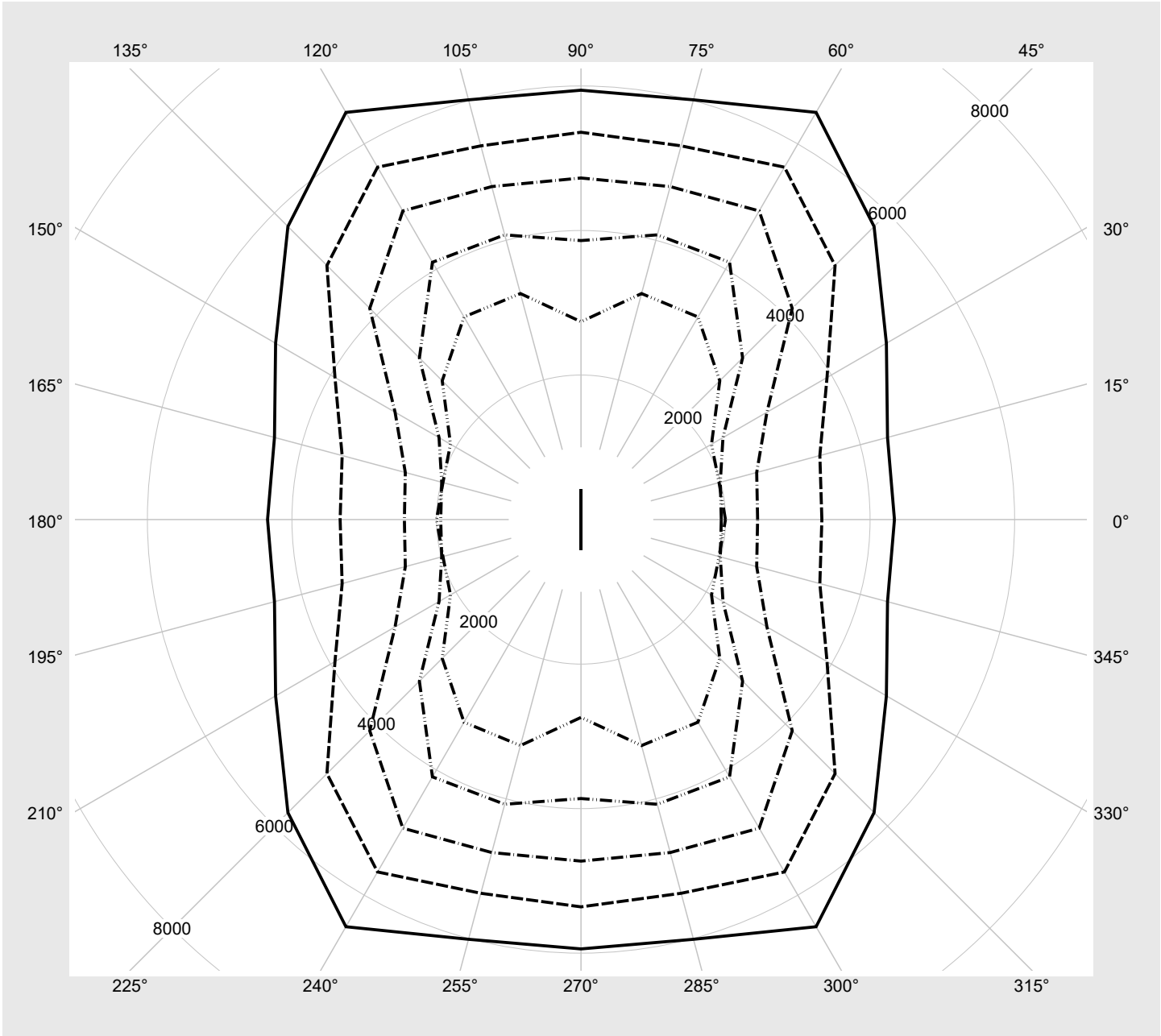
Lichttechnische Abmessungen in mm: L = 1500, B = 58

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°		16207.8	15634.7	13966.2	15463.3	17391.5	17739.6	17712.9
50°		10128.6	9996.0	10275.9	11089.0	12264.5	11852.0	11430.7
55°		7355.9	7187.5	7577.1	9019.8	9729.7	8927.5	8412.3
60°		5643.2	5582.7	5912.2	6904.3	7824.8	7097.6	6824.9
65°		4337.4	4391.2	4879.6	5735.4	6506.2	6013.3	5941.6
70°		3333.0	3421.7	3931.1	4972.0	5630.9	5354.1	5359.6
75°		2443.9	2516.9	2970.7	4134.0	4931.3	4770.5	4726.6
80°		1941.3	1995.5	2268.3	3162.4	4111.5	4078.8	3860.7
85°		1999.1	1977.6	2085.6	2715.7	3237.8	3237.8	2738.0

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



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Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
siteco		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	6500	37.3	44.0	40.6
95	241	252	6183	35.4	41.9	38.6
90	227	250	5840	33.4	39.5	36.4
85	214	248	5521	31.6	37.3	34.4
80	201	245	5198	29.8	35.1	32.4
75	188	243	4872	27.9	32.9	30.4
70	175	240	4547	26.1	30.7	28.4
65	162	238	4218	24.3	28.6	26.4
60	149	234	3888	22.5	26.4	24.4
55	137	231	3582	20.9	24.4	22.6
50	124	228	3248	19.1	22.3	20.7
45	111	224	2914	17.3	20.2	18.8
40	99	219	2601	15.6	18.2	16.9
35	86	214	2262	13.9	16.1	15.0
30	74	209	1950	12.2	14.1	13.2
25	62	202	1633	10.5	12.1	11.3
20	49	194	1291	8.8	10.0	9.4
15	37	183	973	7.1	8.1	7.6
10	25	169	653	5.4	6.1	5.8
5	13	145	334	3.8	4.1	4.0
2	6	117	144	2.9	3.0	3.0