

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TE1EDV4LXS
EAN: 4058352890226

LP-Nummer
59263_78



Ausführung Abdeckung satiniert, elliptisch eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 20000 lm
 Systemleistung = 112.9 W
 Lichtausbeute = 177.1 lm/W

Seriendokumentation
02.08.2023

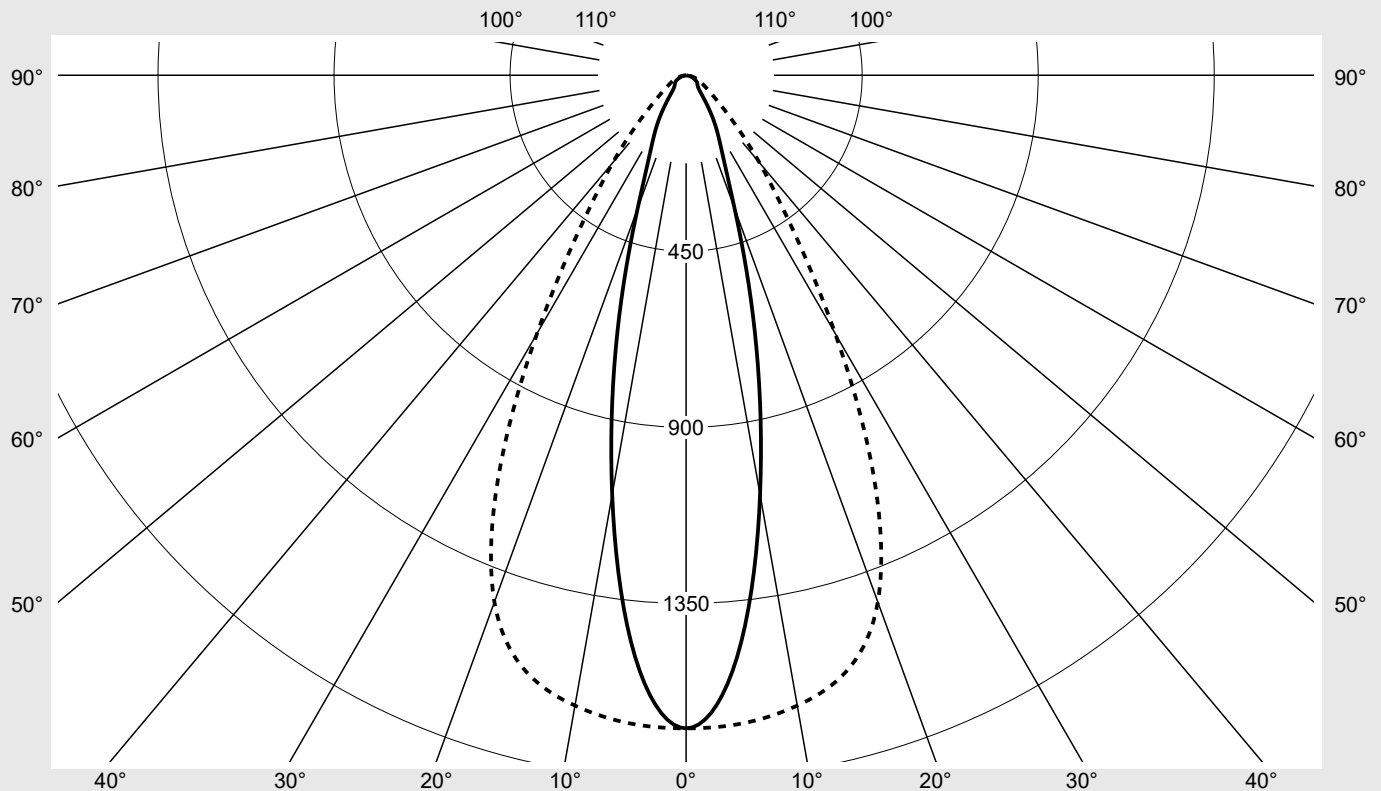
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Lichtstärke in cd/klm

C180-0

C270-90

Imax: 1670 cd/klm



Klassifizierungen

DIN 5040 A 7 0
 CIE N1=85 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°			
Lichtstärke in cd/klm								Lichtstrom in lm/klm	
0°	1669.5	1669.5	1669.5	1669.5	1669.5	1669.5	1669.5	10.0	10.0
5°	1493.3	1495.6	1516.6	1565.9	1616.3	1649.8	1662.9	75.0	85.0
10°	1088.5	1106.7	1175.0	1303.4	1460.6	1586.1	1636.2	126.8	211.8
15°	678.3	712.7	825.0	1006.5	1239.9	1474.8	1578.7	151.0	362.9
20°	362.1	388.9	492.0	707.6	980.6	1275.8	1432.9	148.2	511.0
25°	217.8	231.1	285.8	436.7	705.9	972.9	1137.5	127.8	638.8
30°	151.3	158.5	185.3	264.1	455.8	646.3	761.7	99.0	737.8
35°	95.4	107.0	131.3	171.8	268.4	391.1	463.8	70.7	808.5
40°	57.7	64.5	93.9	120.6	157.9	239.7	291.4	50.0	858.5
45°	43.5	45.9	58.2	86.3	99.5	145.4	176.9	35.2	893.7
50°	37.7	39.0	42.8	61.0	68.3	89.3	109.1	26.2	919.9
55°	34.6	35.0	36.7	43.5	50.5	59.6	73.7	20.9	940.8
60°	30.2	31.1	32.8	34.2	38.6	42.0	53.5	17.5	958.3
65°	23.9	25.4	29.1	28.1	30.1	30.8	41.3	14.6	972.8
70°	17.0	18.4	22.5	23.3	23.4	22.7	30.8	11.5	984.3
75°	10.9	12.0	16.2	17.9	17.4	15.7	20.7	8.4	992.7
80°	6.2	6.7	9.0	10.7	11.0	9.3	11.6	5.0	997.7
85°	3.1	3.3	4.2	5.0	4.8	3.9	4.2	2.3	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	16,2	17,4	16,5	17,7	18,0	21,2	22,4	21,5	22,7	23,0
	3H	17,3	18,4	17,7	18,8	19,1	21,7	22,8	22,1	23,1	23,5
	4H	17,7	18,7	18,1	19,1	19,4	22,0	23,0	22,4	23,3	23,7
	6H	17,9	18,9	18,3	19,2	19,6	22,2	23,1	22,7	23,5	23,9
	8H	18,1	18,9	18,5	19,3	19,7	22,4	23,1	22,8	23,5	23,9
	12H	18,1	18,9	18,6	19,3	19,7	22,4	23,1	22,8	23,5	23,9
4H	2H	17,0	17,9	17,4	18,3	18,7	21,1	22,2	21,5	22,5	22,9
	3H	18,4	19,2	18,8	19,6	20,0	21,9	22,7	22,3	23,1	23,5
	4H	18,9	19,6	19,4	20,1	20,5	22,2	23,0	22,7	23,4	23,8
	6H	19,2	19,8	19,7	20,3	20,8	22,5	23,2	23,0	23,6	24,1
	8H	19,3	19,9	19,8	20,3	20,8	22,7	23,2	23,1	23,6	24,1
	12H	19,4	19,9	19,9	20,4	20,9	22,7	23,2	23,2	23,6	24,1
8H	4H	19,4	19,9	19,9	20,4	20,9	22,3	22,9	22,8	23,4	23,8
	6H	19,9	20,3	20,4	20,8	21,3	22,7	23,2	23,2	23,7	24,2
	8H	20,0	20,4	20,5	20,9	21,4	22,9	23,3	23,4	23,8	24,3
	12H	20,1	20,4	20,6	21,0	21,5	22,9	23,3	23,5	23,8	24,3
12H	4H	19,4	19,9	19,9	20,4	20,9	22,3	22,8	22,8	23,3	23,8
	6H	19,9	20,3	20,4	20,8	21,3	22,7	23,1	23,2	23,6	24,1
	8H	20,1	20,5	20,7	21,0	21,5	22,9	23,2	23,4	23,7	24,3

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 2250 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°		9425.7	9942.8	12603.7	18699.7	21572.8	31513.7	38349.6
50°		8997.9	9293.8	10203.9	14552.3	16287.1	21298.5	26020.8
55°		9234.8	9346.7	9811.4	11616.3	13497.9	15931.8	19697.3
60°		9243.2	9547.0	10058.2	10491.0	11829.3	12867.7	16396.0
65°		8677.2	9201.5	10558.9	10193.3	10926.2	11161.6	14982.0
70°		7607.3	8228.3	10072.7	10450.4	10483.6	10156.9	13813.8
75°		6428.8	7111.0	9589.1	10618.8	10312.1	9320.9	12250.8
80°		5431.3	5873.5	7948.4	9405.6	9681.8	8197.3	10255.5
85°		5495.1	5860.8	7457.5	8839.6	8468.6	6847.3	7337.9

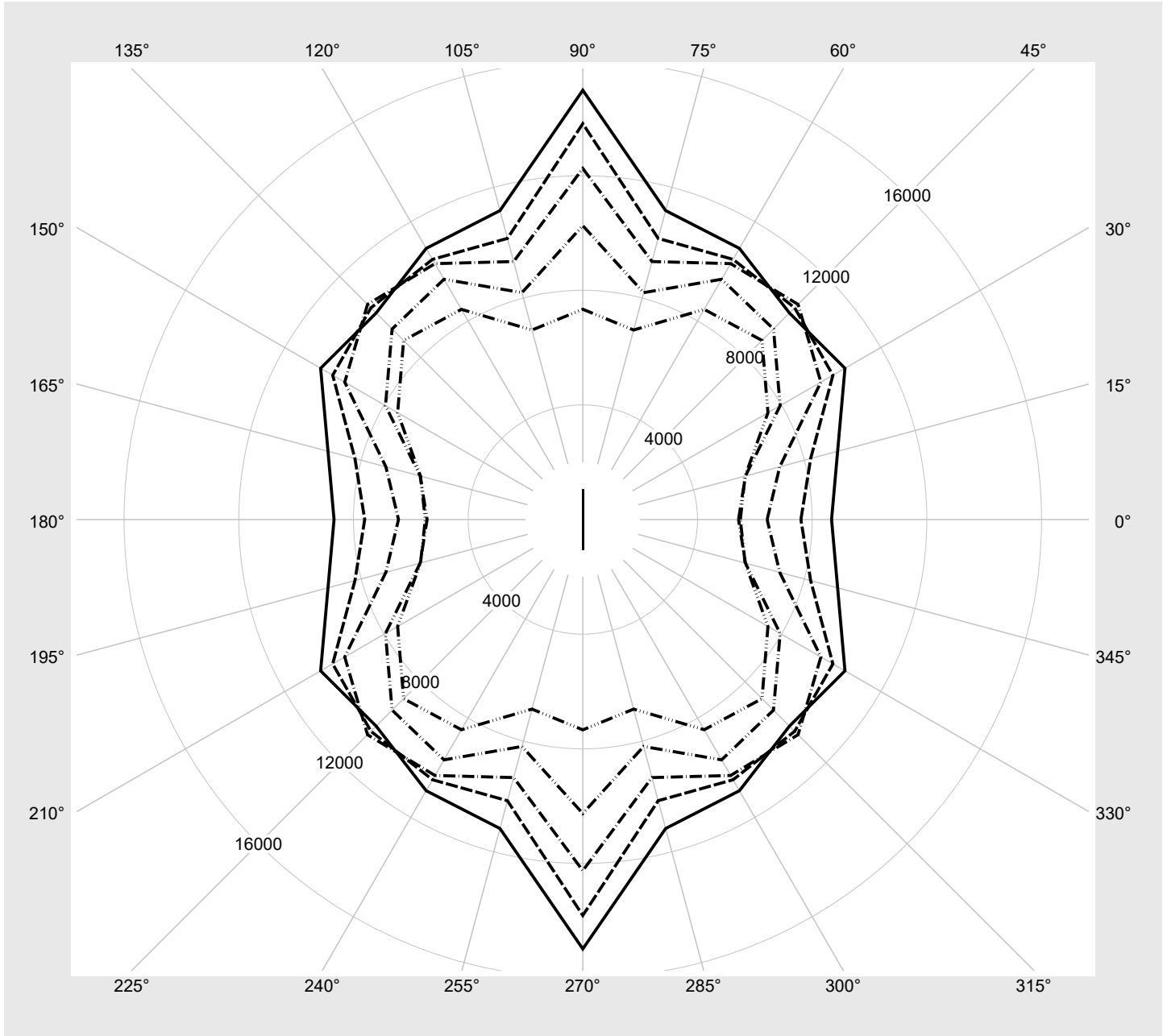
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Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	sITeco
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	20000	112.9
95	240	252	18984	106.8
90	227	250	18031	101.2
85	213	248	16993	95.1
80	200	245	16018	89.4
75	187	243	15035	83.7
70	173	240	13962	77.6
65	160	237	12963	71.9
60	148	234	12031	66.6
55	135	231	11009	61.1
50	122	227	9981	55.5
45	110	223	9027	50.3
40	97	219	7978	44.7
35	85	214	7008	39.6
30	73	208	6032	34.4
25	60	201	4963	28.7
20	48	193	3973	23.5
15	36	182	2978	18.2
10	24	168	1977	12.7
5	12	142	966	6.9
1	4	102	292	2.5