

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52UL1EDV4K5R00S
EAN: 4058352608371

LP-Nummer
59263_14



Ausführung Abdeckung satiniert, elliptisch eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 19890 lm
 Systemleistung = 121.7 W
 Lichtausbeute = 163.4 lm/W

Seriendokumentation
22.02.2022

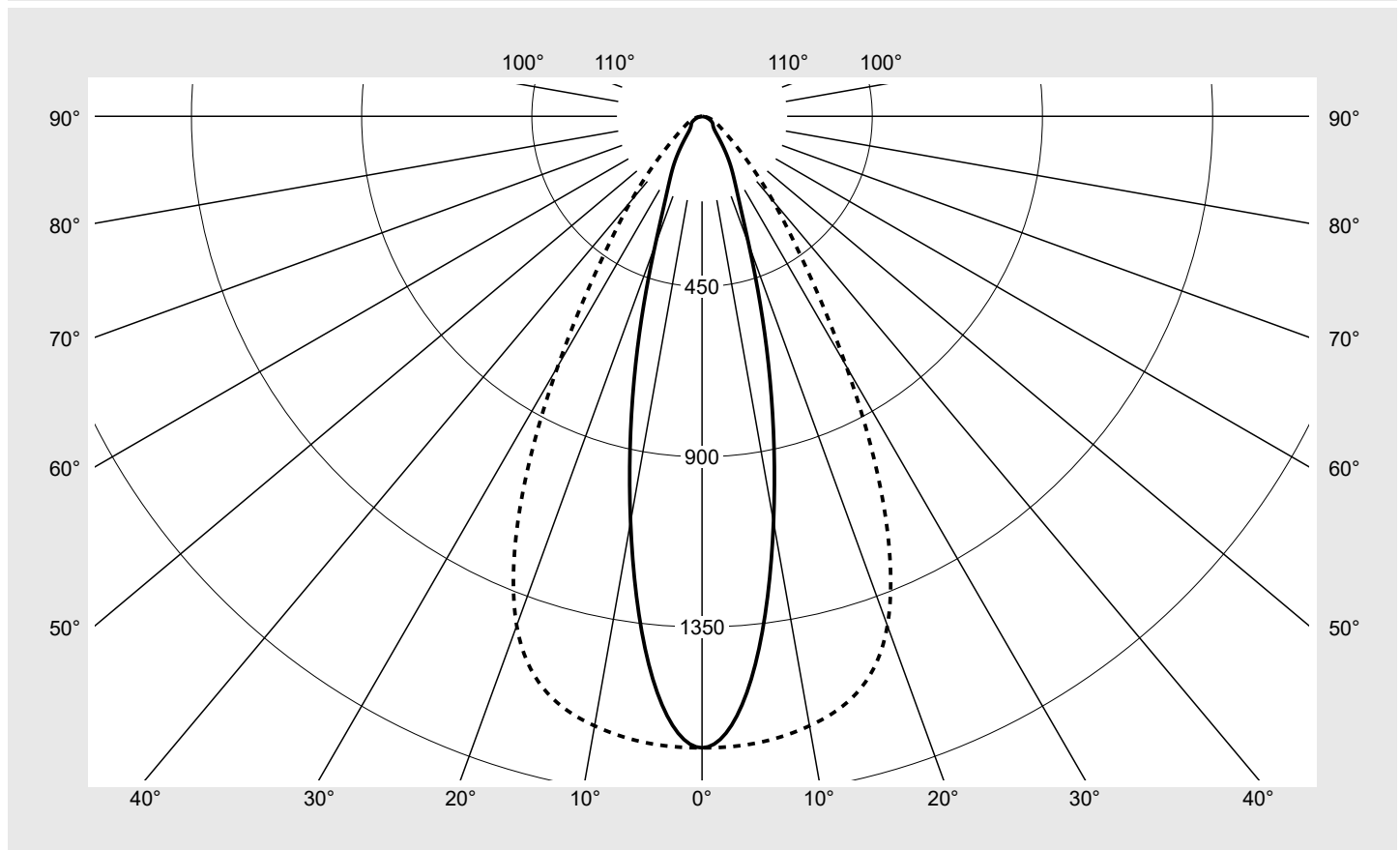
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Lichtstärke in cd/klm

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
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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	
γ									
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									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	16,1	17,4	16,5	17,7	18,0	21,1	22,4	21,5	22,7	23,0
	3H	17,3	18,4	17,7	18,7	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	18,8	18,3	19,2	19,6	22,2	23,1	22,6	23,5	23,8
	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	18,5	19,3	19,7	22,4	23,1	22,8	23,5	23,9
4H	2H	17,0	17,9	17,4	18,3	18,6	21,1	22,2	21,5	22,5	22,9
	3H	18,4	19,2	18,8	19,6	20,0	21,8	22,7	22,3	23,1	23,5
	4H	18,9	19,6	19,3	20,0	20,5	22,2	23,0	22,7	23,4	23,8
	6H	19,2	19,8	19,6	20,3	20,7	22,5	23,1	23,0	23,6	24,0
	8H	19,3	19,9	19,8	20,3	20,8	22,6	23,2	23,1	23,6	24,1
	12H	19,4	19,9	19,9	20,4	20,8	22,7	23,2	23,2	23,6	24,1
8H	4H	19,4	19,9	19,9	20,4	20,8	22,3	22,9	22,8	23,3	23,8
	6H	19,8	20,3	20,3	20,7	21,3	22,7	23,2	23,2	23,6	24,2
	8H	20,0	20,4	20,5	20,9	21,4	22,8	23,3	23,4	23,7	24,3
	12H	20,1	20,4	20,6	20,9	21,5	22,9	23,3	23,5	23,8	24,3
12H	4H	19,4	19,9	19,9	20,3	20,8	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	20,6	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°		9373.9	9888.2	12534.4	18596.8	21454.1	31340.3	38138.6
50°		8948.4	9242.7	10147.8	14472.2	16197.5	21181.4	25877.6
55°		9184.0	9295.3	9757.4	11552.4	13423.6	15844.1	19589.0
60°		9192.4	9494.5	10002.9	10433.3	11764.2	12797.0	16305.8
65°		8629.4	9150.9	10500.8	10137.3	10866.1	11100.2	14899.6
70°		7565.4	8183.1	10017.3	10392.9	10425.9	10101.1	13737.8
75°		6393.5	7071.9	9536.3	10560.4	10255.4	9269.6	12183.4
80°		5401.5	5841.2	7904.7	9353.8	9628.5	8152.2	10199.1
85°		5464.9	5828.6	7416.5	8791.0	8422.0	6809.6	7297.5

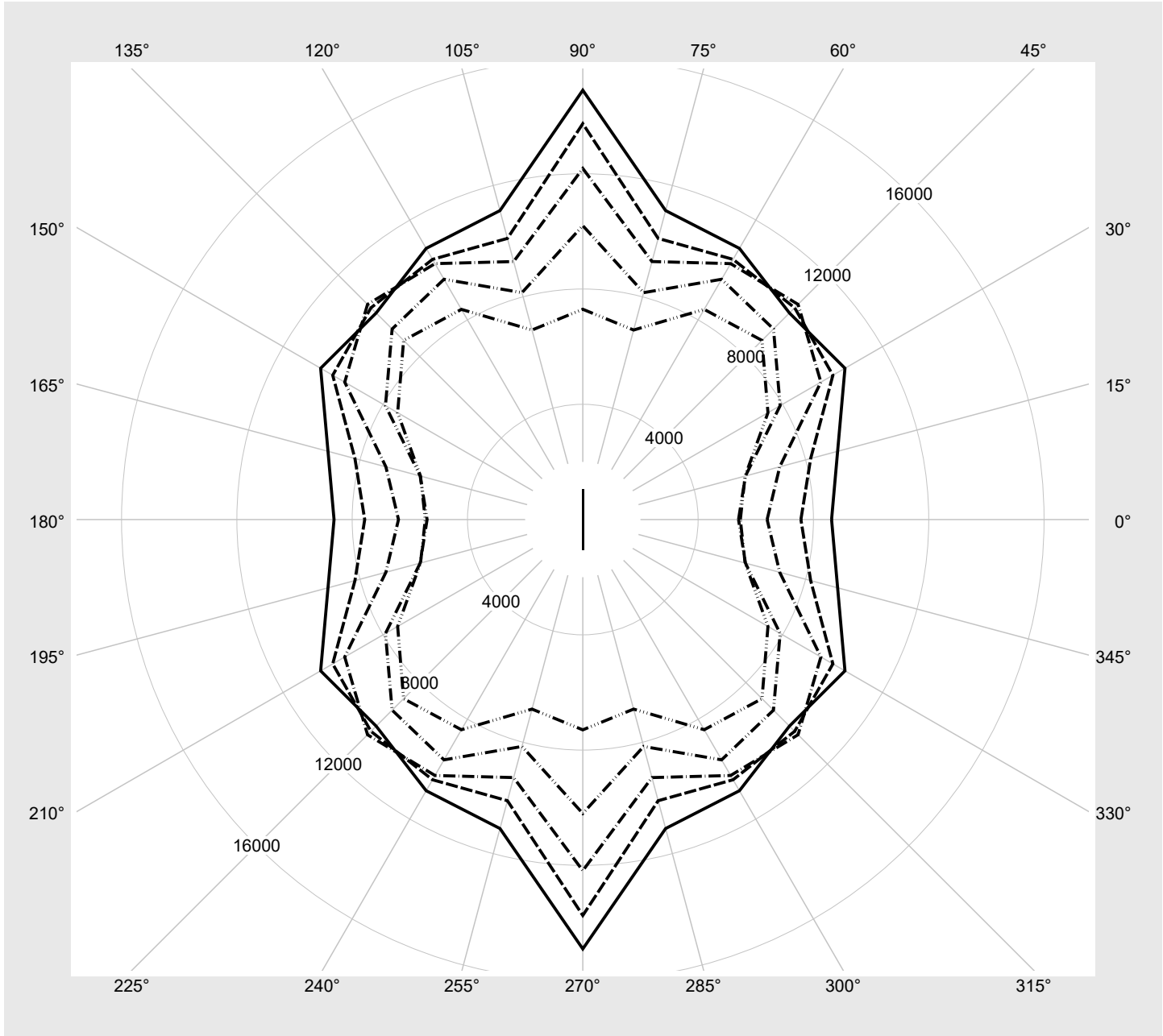
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Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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Dimmstufen-Tabelle		sITeco
Umgebungstemperatur: 25°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	19890	121.7
95	240	252	18926	114.9
90	226	250	17928	107.9
85	212	247	16921	101.1
80	198	245	15895	94.2
75	185	242	14932	88.1
70	172	240	13952	81.7
65	159	237	12957	75.6
60	146	234	11954	69.4
55	133	230	10942	63.1
50	120	227	9914	57.0
45	108	223	8954	51.5
40	96	218	7984	45.9
35	83	213	6924	39.8
30	71	207	5937	34.4
25	59	201	4938	28.9
20	48	193	4015	23.9
15	36	182	3000	18.6
10	24	168	1981	13.1
5	13	145	1036	8.1
2	5	110	344	4.4