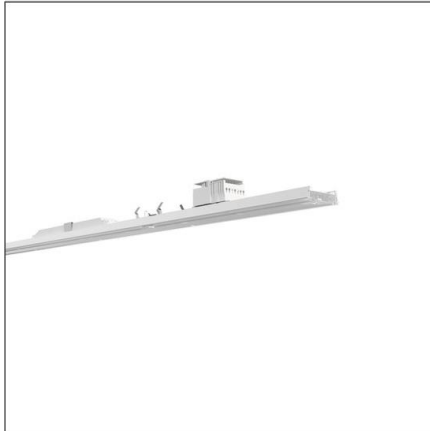


Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TL14DNE7XF
EAN: 4058352454152

LP-Nummer
58683_30



Ausführung Abdeckung satiniert, asymmetrisch strahlend
Bestückung LED 5000 K | CRI ≥ 90
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 7340 lm
 Systemleistung = 61.1 W
 Lichtausbeute = 120.1 lm/W

Seriendokumentation
08.12.2020

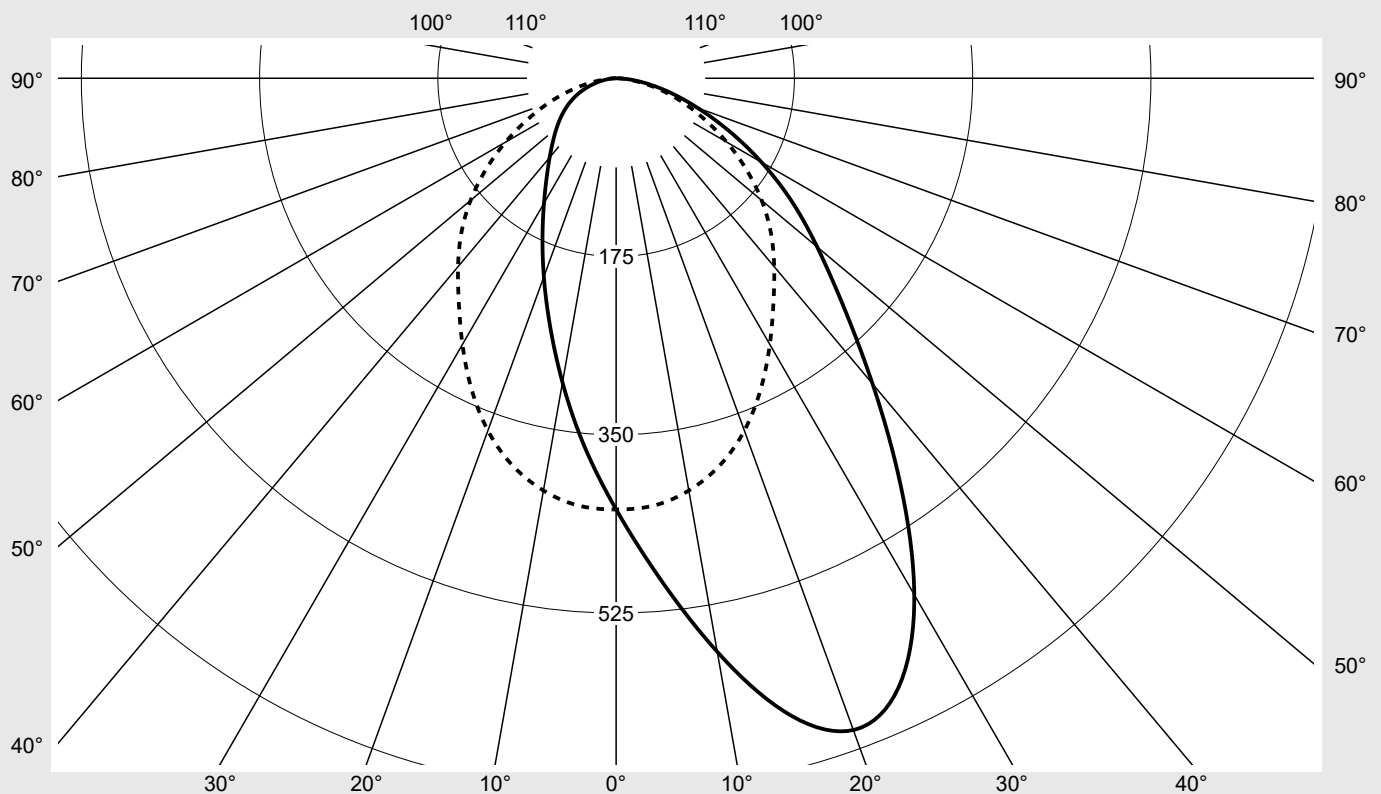
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 681 cd/klm



Klassifizierungen

DIN 5040 A 4 0
 CIE N1=56 N2=84 N3=97
 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.: 52TL14DNE7XF EAN: 4058352454152	LP-Nummer 58683_30
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	0°	15° 345°	30° 330°	45° 315°	60° 300°	75° 285°	90° 270°
γ	Lichtstärke in cd/klm						
0°	423.3	423.3	423.3	423.3	423.3	423.3	423.3
5°	492.9	491.4	480.7	469.8	456.1	438.7	421.2
10°	571.7	566.6	544.9	518.0	484.6	447.0	411.0
15°	644.7	637.1	605.9	562.5	507.2	447.4	393.4
20°	680.9	674.8	644.8	594.0	519.7	438.2	368.1
25°	657.9	657.6	642.1	600.0	518.2	419.3	336.2
30°	585.4	591.2	594.0	574.0	501.7	394.4	301.7
35°	486.6	496.5	513.6	518.9	472.6	367.8	269.2
40°	391.6	400.9	423.7	447.6	435.3	342.4	241.4
45°	315.0	320.7	340.1	373.0	389.0	312.9	214.9
50°	257.7	259.4	273.6	305.9	334.9	275.1	186.5
55°	210.4	209.0	219.8	247.0	276.4	230.5	156.0
60°	164.7	163.2	172.4	194.6	218.3	183.7	125.4
65°	122.2	121.6	130.0	147.7	165.1	139.3	96.1
70°	85.2	85.7	92.4	106.6	118.3	100.1	70.2
75°	55.7	56.1	61.0	71.1	77.9	65.9	46.5
80°	31.6	31.9	35.4	40.3	43.4	36.3	25.7
85°	13.1	12.9	14.6	16.5	16.2	13.2	9.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C- Ebenen	105° 255°	120° 240°	135° 225°	150° 210°	165° 195°	180°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm						Lichtstrom in lm/klm	
0°	423.3	423.3	423.3	423.3	423.3	423.3	2.5	2.5
5°	404.2	389.5	375.7	365.6	362.1	361.8	20.2	22.8
10°	378.5	351.6	328.9	312.6	305.3	303.2	40.3	63.1
15°	347.6	311.7	283.3	263.5	254.2	251.1	59.8	123.0
20°	312.8	271.7	241.2	220.7	211.0	207.4	77.2	200.1
25°	275.0	232.7	202.9	183.7	174.4	171.0	89.9	290.0
30°	237.7	196.9	169.7	152.6	144.6	141.7	96.4	386.5
35°	204.1	165.0	141.0	127.0	121.0	118.9	96.9	483.4
40°	176.0	138.8	117.2	106.8	102.8	101.6	93.4	576.7
45°	151.3	116.9	98.0	90.5	88.3	87.8	87.1	663.9
50°	128.6	98.3	82.7	77.4	76.2	76.3	79.3	743.1
55°	107.1	82.4	69.7	65.9	65.5	66.0	69.9	813.0
60°	87.0	68.0	58.3	55.3	55.4	56.0	59.0	872.0
65°	68.6	55.0	47.7	45.3	45.4	45.9	47.4	919.5
70°	51.6	42.4	37.2	35.1	35.2	35.4	35.8	955.3
75°	35.3	29.8	26.5	24.5	24.4	24.5	24.7	980.0
80°	20.2	17.6	15.6	14.5	14.4	14.5	14.3	994.3
85°	7.8	7.1	6.7	6.2	6.2	6.3	5.7	1000.0
90°	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	1000.0

Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52TL14DNE7XF EAN: 4058352454152	LP-Nummer 58683_30
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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	25,3	26,9	25,7	27,2	27,5	23,9	25,5	24,3	25,8	26,2
	3H	26,3	27,7	26,7	28,1	28,4	25,0	26,5	25,4	26,8	27,2
	4H	26,6	28,0	27,0	28,3	28,7	25,5	26,8	25,9	27,2	27,5
	6H	26,9	28,1	27,3	28,5	28,9	25,7	27,0	26,1	27,3	27,7
	8H	27,0	28,2	27,4	28,5	29,0	25,8	27,0	26,2	27,4	27,8
	12H	27,1	28,2	27,5	28,6	29,0	25,9	27,0	26,3	27,3	27,8
4H	2H	26,1	27,4	26,5	27,8	28,1	24,5	25,9	24,9	26,2	26,6
	3H	27,2	28,3	27,6	28,7	29,1	25,9	27,1	26,4	27,5	27,9
	4H	27,6	28,7	28,1	29,1	29,5	26,5	27,5	26,9	27,9	28,3
	6H	28,0	28,9	28,4	29,3	29,7	26,9	27,7	27,3	28,2	28,6
	8H	28,1	28,9	28,6	29,3	29,8	27,0	27,8	27,4	28,2	28,7
	12H	28,2	28,9	28,7	29,3	29,8	27,1	27,8	27,5	28,2	28,7
8H	4H	28,0	28,8	28,4	29,2	29,7	26,7	27,5	27,2	28,0	28,5
	6H	28,4	29,1	28,9	29,5	30,0	27,2	27,9	27,7	28,4	28,9
	8H	28,6	29,1	29,1	29,6	30,1	27,4	28,0	27,9	28,5	29,0
	12H	28,7	29,2	29,2	29,7	30,2	27,5	28,0	28,0	28,5	29,0
12H	4H	28,0	28,7	28,5	29,2	29,7	26,8	27,5	27,2	27,9	28,4
	6H	28,5	29,1	29,0	29,5	30,1	27,3	27,9	27,8	28,3	28,9
	8H	28,7	29,2	29,2	29,7	30,2	27,5	28,0	28,0	28,5	29,0

Leuchtdichten-Tabelle		Max. für $\gamma \geq 65^\circ$												
		Lichttechnische Abmessungen in mm:										L = 1500 B = 58		
C-Ebenen		0°	15° 345°	30° 330°	45° 315°	60° 300°	75° 285°	90° 270°	105° 255°	120° 240°	135° 225°	150° 210°	165° 195°	180°
γ		Leuchtdichte in cd/m ²												
45°		37579.5	38258.7	40582.8	44506.8	46408.4	37338.0	25641.6	18057.7	13945.2	11687.4	10801.5	10538.1	10470.9
50°		33818.9	34043.1	35910.8	40144.4	43962.9	36101.8	24480.1	16884.5	12907.4	10849.6	10153.2	10006.2	10016.2
55°		30941.1	30745.8	32327.3	36327.6	40662.7	33899.6	22940.7	15759.0	12116.9	10251.8	9697.3	9635.9	9714.0
60°		27789.2	27543.9	29091.2	32837.0	36838.9	30990.8	21151.5	14674.8	11470.0	9830.9	9338.8	9342.0	9455.3
65°		24392.9	24266.8	25945.9	29481.1	32953.3	27802.0	19188.8	13692.7	10988.3	9517.2	9047.7	9061.5	9171.5
70°		21011.5	21150.4	22797.9	26303.4	29174.0	24696.6	17315.6	12724.2	10454.3	9184.4	8646.2	8680.5	8720.9
75°		18162.8	18286.7	19871.9	23170.8	25391.0	21488.4	15171.4	11510.1	9729.0	8623.9	7972.3	7953.7	7974.3
80°		15376.3	15511.4	17186.1	19595.5	21064.2	17631.7	12500.1	9820.6	8554.9	7571.6	7064.3	7015.3	7055.1
85°		12673.2	12531.9	14093.3	15936.4	15667.3	12752.6	8840.9	7561.1	6900.0	6440.2	6049.1	6018.1	6073.3

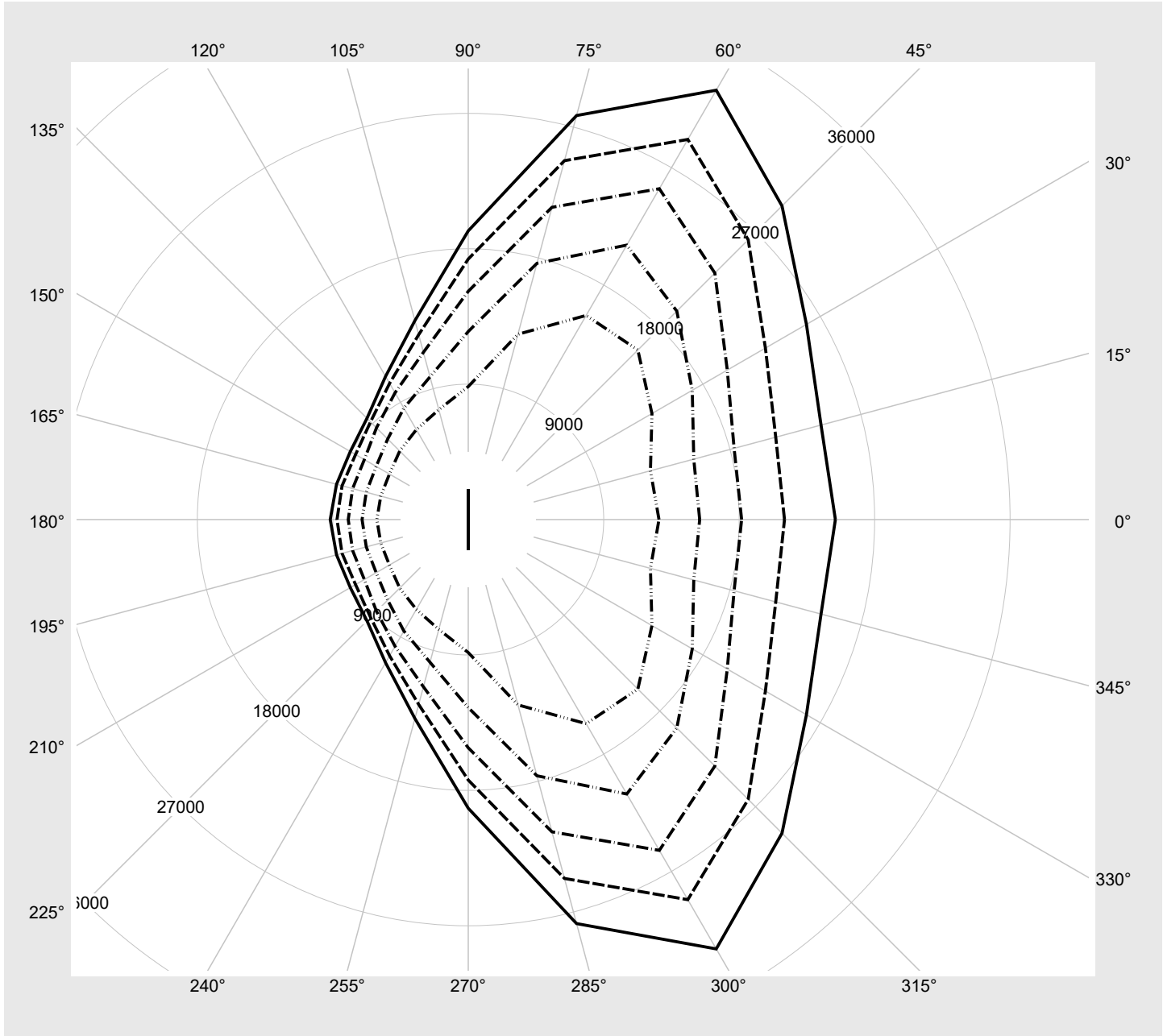
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Leuchtdichten in cd/m²

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	7340	61.1
95	240	252	6984	57.6
90	225	250	6597	53.9
85	211	247	6227	50.4
80	198	245	5880	47.2
75	184	242	5499	43.8
70	171	240	5137	40.7
65	158	237	4774	37.5
60	145	233	4403	34.4
55	132	230	4028	31.5
50	120	227	3678	28.6
45	107	222	3295	25.6
40	95	218	2937	22.9
35	83	213	2576	20.2
30	71	207	2210	17.5
25	59	201	1840	14.8
20	47	192	1469	12.1
15	35	181	1093	9.4
10	24	168	744	7.0
5	12	142	361	4.4
1	4	102	104	2.6