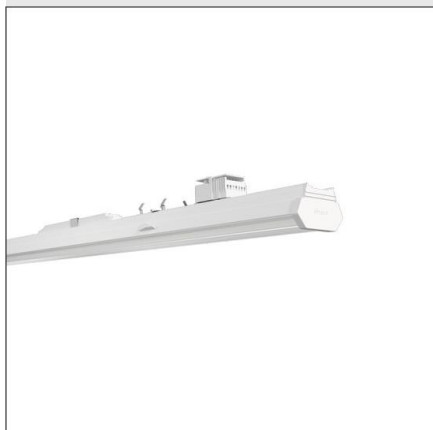


Lichttechnischer Prüfbefund

Familie
Licross® 11 Protected

Bestell-Nr.: 51TP12DN695G
EAN: 4058352022573

LP-Nummer
58524_292



Ausführung Prismenabdeckung, satiniert, breit strahlend
Bestückung LED 6500 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 9730 lm
 Systemleistung = 57.1 W
 Lichtausbeute = 170.4 lm/W

Seriendokumentation
05.12.2023

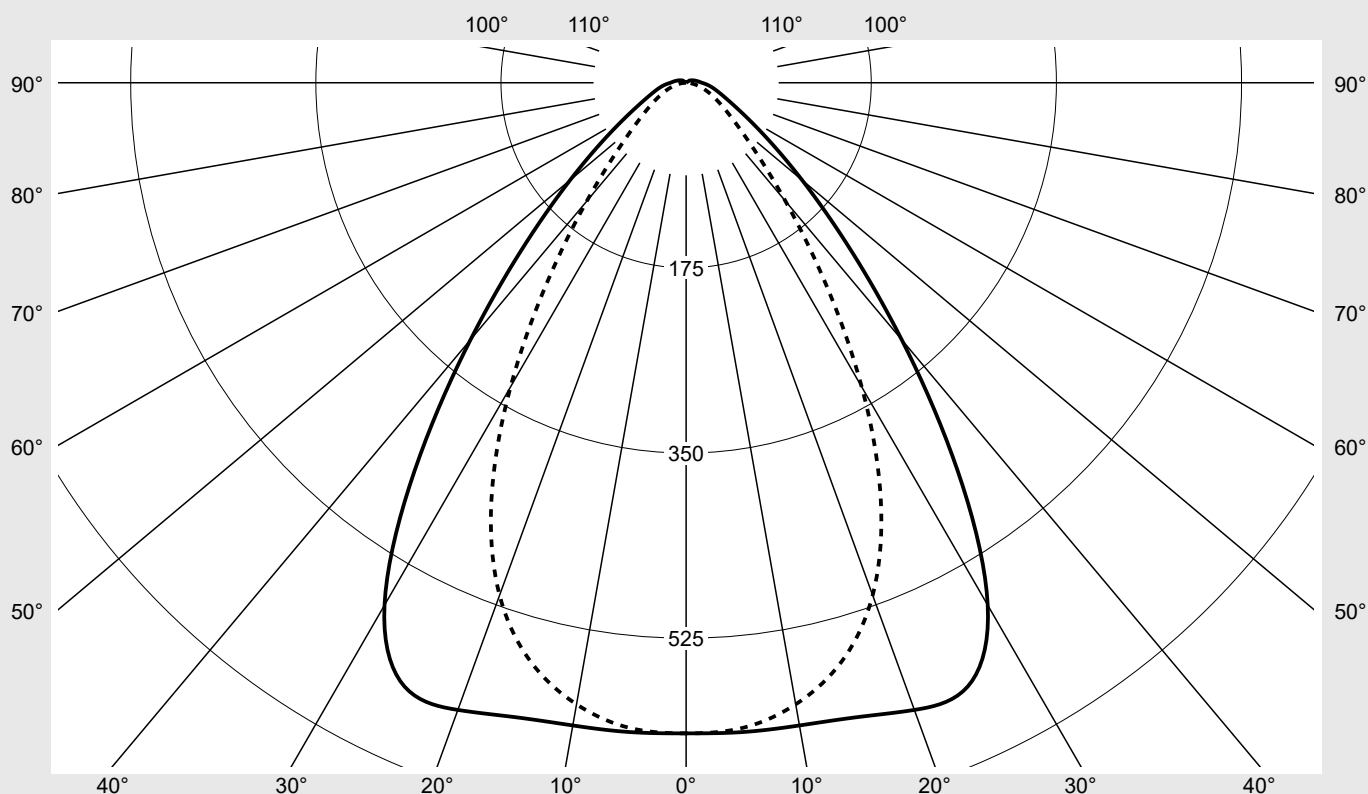
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 631 cd/klm



Klassifizierungen

DIN 5040 A 5 1
 CIE N1=73 N2=92 N3=98
 N4=99 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 98,6%
 ϕ_o 1,4%

Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie Licross® 11 Protected	Bestell-Nr.: 51TP12DN695G EAN: 4058352022573	LP-Nummer 58524_292
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°	615.0	615.0	615.0	615.0	615.0	615.0	615.0	3.7	3.7
5°	616.1	614.1	609.7	611.1	612.9	611.9	612.2	29.3	32.9
10°	616.9	615.1	606.4	602.8	600.3	597.0	596.6	57.6	90.5
15°	620.9	617.8	600.9	587.5	576.7	568.6	566.8	83.8	174.3
20°	630.8	623.5	591.7	561.2	536.7	520.1	515.5	106.4	280.7
25°	629.8	620.7	576.3	523.2	476.9	445.6	435.5	122.6	403.3
30°	570.2	568.9	534.3	469.6	398.0	348.4	331.9	126.5	529.9
35°	447.2	456.9	450.2	394.1	307.5	246.5	227.0	114.9	644.8
40°	317.0	331.0	344.1	303.2	220.2	163.1	146.0	93.6	738.3
45°	213.9	226.3	244.1	214.7	147.7	105.6	94.0	70.6	808.9
50°	143.1	152.0	166.9	144.8	97.7	70.8	64.1	51.5	860.4
55°	96.6	102.1	111.9	95.1	64.8	49.7	46.3	37.0	897.4
60°	67.0	69.6	74.2	63.4	44.8	36.0	34.5	26.8	924.2
65°	49.0	49.5	50.0	42.8	32.0	26.6	25.7	19.7	943.9
70°	37.9	37.0	34.4	29.4	23.3	19.5	18.8	14.8	958.7
75°	30.5	28.7	24.6	20.4	16.6	13.6	12.7	11.1	969.8
80°	24.8	22.7	18.1	14.1	11.2	8.8	7.6	8.2	978.0
85°	19.7	17.8	13.4	9.8	7.1	4.8	3.4	5.9	983.8
90°	14.9	13.4	9.7	6.4	4.0	1.9	0.4	3.9	987.8
95°	12.2	11.1	8.2	5.4	3.1	1.2	0.3	3.2	991.0
100°	10.0	9.2	6.9	4.5	2.4	0.7	0.3	2.6	993.6
105°	8.2	7.6	5.7	3.6	1.7	0.4	0.3	2.1	995.6
110°	6.8	6.2	4.6	2.7	1.1	0.3	0.3	1.6	997.2
115°	5.5	5.0	3.7	2.0	0.7	0.4	0.4	1.2	998.4
120°	4.3	3.8	2.7	1.4	0.6	0.5	0.5	0.9	999.3
125°	3.1	2.7	1.8	0.9	0.6	0.6	0.6	0.6	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® 11 Protected	Bestell-Nr.: 51TP12DN695G EAN: 4058352022573	LP-Nummer 58524_292
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UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	21,2	22,6	21,5	22,9	23,2	17,9	19,3	18,3	19,7	20,0
	3H	21,6	22,8	22,0	23,2	23,5	18,3	19,5	18,6	19,9	20,2
	4H	21,8	23,0	22,2	23,3	23,7	18,4	19,6	18,8	20,0	20,3
	6H	22,1	23,2	22,5	23,5	23,9	18,5	19,6	19,0	20,0	20,4
	8H	22,4	23,3	22,8	23,7	24,1	18,6	19,6	19,1	20,0	20,4
	12H	22,5	23,4	23,0	23,8	24,2	18,7	19,6	19,1	20,0	20,4
4H	2H	21,2	22,4	21,6	22,8	23,2	18,4	19,6	18,8	20,0	20,3
	3H	21,8	22,8	22,2	23,2	23,6	18,9	19,9	19,3	20,3	20,7
	4H	22,1	23,0	22,6	23,4	23,8	19,1	20,0	19,6	20,4	20,9
	6H	22,5	23,3	23,0	23,7	24,2	19,3	20,1	19,8	20,5	21,0
	8H	22,8	23,4	23,2	23,9	24,4	19,4	20,1	19,9	20,6	21,0
	12H	23,1	23,6	23,5	24,1	24,6	19,5	20,1	20,0	20,5	21,0
8H	4H	22,1	22,8	22,6	23,3	23,7	19,4	20,0	19,8	20,5	21,0
	6H	22,6	23,2	23,1	23,7	24,2	19,7	20,2	20,1	20,7	21,2
	8H	22,9	23,4	23,4	23,9	24,5	19,8	20,3	20,3	20,8	21,3
	12H	23,3	23,7	23,9	24,2	24,8	19,9	20,3	20,4	20,8	21,3
12H	4H	22,1	22,7	22,6	23,2	23,7	19,4	20,0	19,9	20,5	21,0
	6H	22,6	23,1	23,1	23,6	24,1	19,8	20,2	20,3	20,7	21,2
	8H	23,0	23,4	23,5	23,9	24,4	19,9	20,3	20,4	20,8	21,4

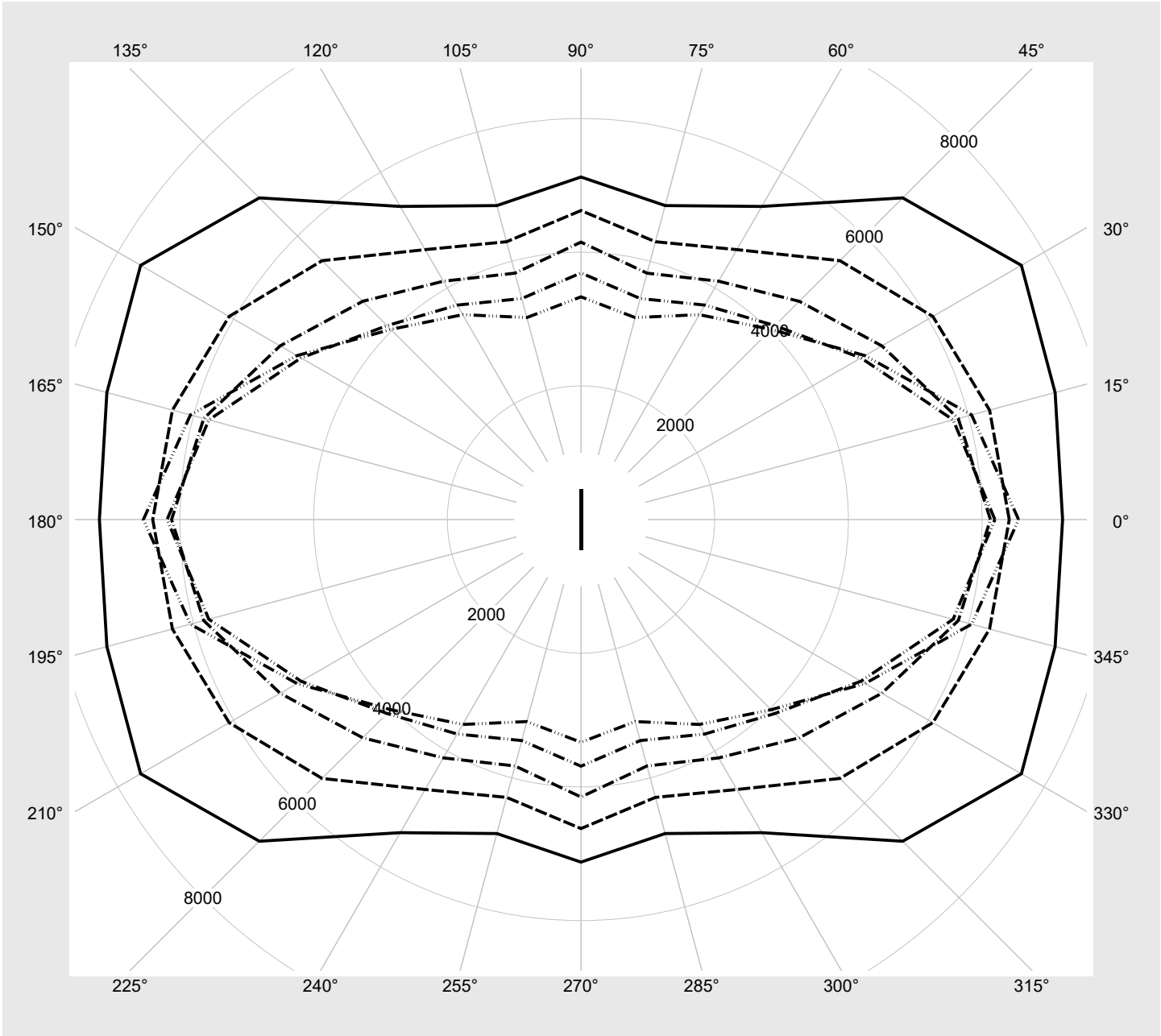
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1480 B = 78	H(C0) = 13	H(C180) = 13	H(C90) = 0	H(C270) = 0
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C-Ebenen	γ	Leuchtdichte in cd/m ²						
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
45°		21857.6	23230.2	25425.8	22891.5	16248.8	12069.0	11209.0
50°		15650.6	16723.5	18677.7	16653.2	11654.4	8826.6	8399.8
55°		11461.2	12194.5	13629.5	11961.2	8510.2	6874.5	6804.7
60°		8769.7	9173.5	10009.6	8872.9	6592.6	5652.7	5809.2
65°		7205.5	7343.8	7607.9	6806.7	5409.7	4863.7	5125.4
70°		6407.6	6328.4	6078.5	5478.1	4663.6	4303.6	4623.4
75°		6125.6	5843.4	5197.6	4618.3	4117.8	3816.8	4151.1
80°		6192.5	5764.2	4836.8	4103.6	3705.1	3423.6	3690.4
85°		6547.1	6049.8	4906.2	4023.6	3539.9	3129.1	3332.5

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



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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	9730	57.1
95	240	252	9236	53.8
90	227	250	8773	50.9
85	213	248	8267	47.7
80	200	245	7795	44.8
75	186	243	7282	41.7
70	173	240	6801	38.7
65	160	237	6315	35.9
60	147	234	5827	33.0
55	134	231	5335	30.1
50	122	227	4874	27.5
45	109	223	4372	24.7
40	97	219	3906	22.2
35	84	213	3397	19.5
30	72	208	2920	17.0
25	60	201	2442	14.5
20	48	193	1961	11.9
15	36	182	1475	9.4
10	24	168	984	6.9
5	12	142	489	4.5
2	4	102	157	3.0