

Lichttechnischer Prüfbefund

Familie
Licross® 11 Protected

Bestell-Nr.: 51TP11MN4GXS
EAN: 4058352930205

LP-Nummer
58525_201



Ausführung Prismenabdeckung, satiniert, eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-Multilumen
Bemessungswerte Nettolichtstrom = 16070 lm
 Systemleistung = 87.4 W
 Lichtausbeute = 183.9 lm/W

Seriendokumentation
11.10.2023

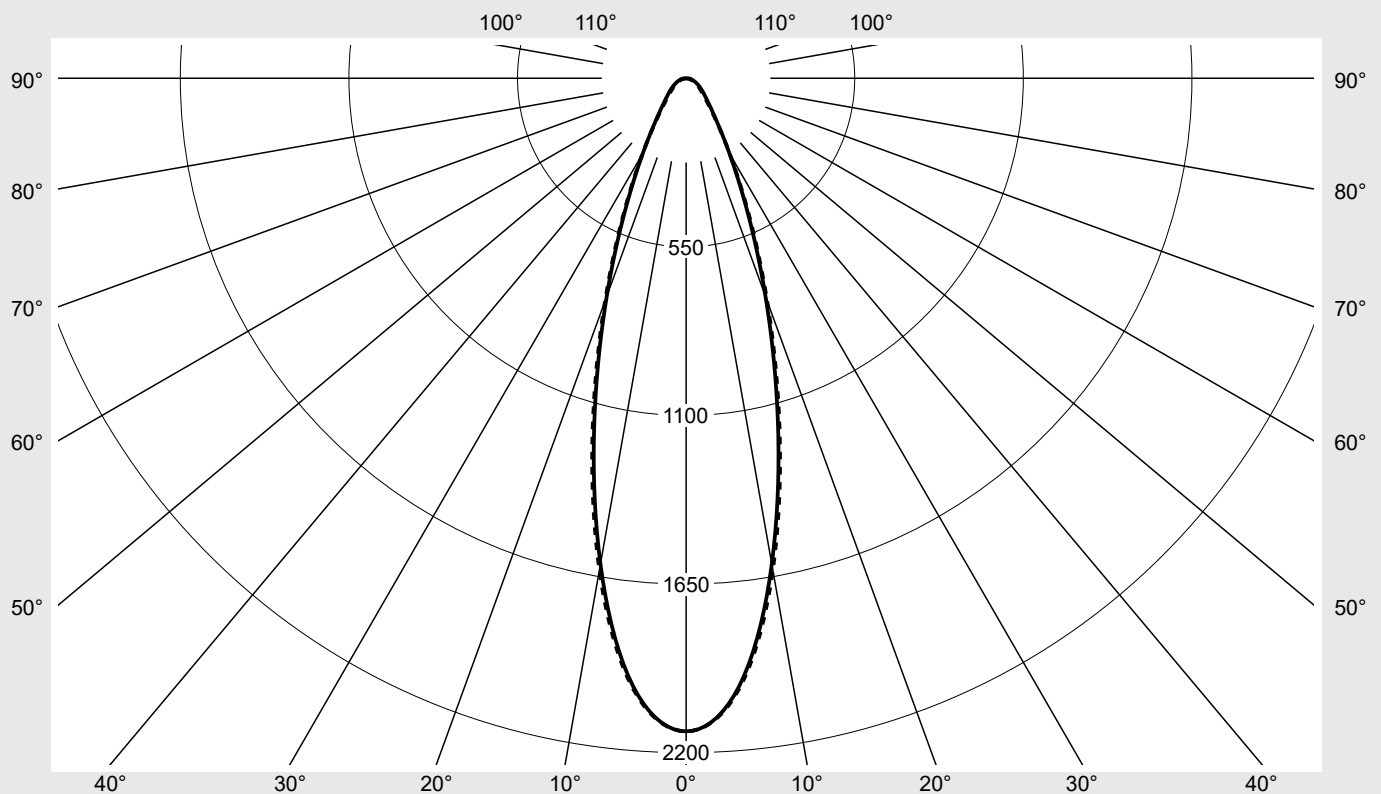
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 2130 cd/klm



Klassifizierungen

DIN 5040 A 7 1
 CIE N1=84 N2=94 N3=98
 N4=99 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 99,1%
 ϕ_o 0,9%

Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie Licross® 11 Protected	Bestell-Nr.: 51TP11MN4GXS EAN: 4058352930205	LP-Nummer 58525_201
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°	2130.5	2130.5	2130.5	2130.5	2130.5	2130.5	2130.5	12.7	12.7
5°	1990.0	1982.4	1972.8	1980.9	1991.5	1994.0	1997.3	94.9	107.6
10°	1609.4	1602.7	1594.9	1604.0	1616.7	1623.6	1628.9	153.3	260.9
15°	1156.5	1152.7	1146.1	1151.7	1161.7	1170.4	1176.7	164.3	425.2
20°	757.1	754.5	751.0	754.8	760.5	766.7	772.3	142.2	567.4
25°	464.1	463.3	461.4	464.7	468.5	471.4	475.4	108.1	675.5
30°	281.8	280.0	276.3	277.8	280.6	282.2	284.6	76.7	752.2
35°	178.8	175.8	169.5	168.1	169.9	172.0	174.0	54.1	806.3
40°	123.8	119.7	111.6	107.8	108.9	112.2	115.0	39.9	846.2
45°	92.5	87.9	79.0	74.1	74.5	78.8	82.8	31.1	877.3
50°	72.9	68.3	60.1	54.9	54.7	59.1	63.7	25.6	902.9
55°	58.5	54.5	47.8	42.9	42.0	45.8	50.2	21.5	924.4
60°	46.6	43.5	38.6	34.6	32.9	35.6	39.1	18.0	942.5
65°	36.7	34.5	31.1	28.0	26.1	27.3	29.5	14.9	957.4
70°	28.5	27.0	24.6	22.5	20.4	20.1	21.2	12.0	969.4
75°	21.8	20.7	19.0	17.5	15.4	14.0	14.0	9.2	978.6
80°	16.2	15.4	14.3	12.9	10.9	8.9	8.1	6.7	985.3
85°	11.7	11.2	10.3	9.1	7.1	4.7	3.5	4.6	989.8
90°	8.1	7.7	6.9	5.8	3.9	1.7	0.3	2.8	992.6
95°	6.9	6.6	5.8	4.7	3.0	1.1	0.2	2.3	994.8
100°	6.0	5.6	4.9	3.8	2.2	0.6	0.2	1.8	996.7
105°	5.1	4.8	4.0	2.9	1.5	0.3	0.2	1.4	998.1
110°	4.3	4.0	3.2	2.2	0.9	0.2	0.2	1.1	999.2
115°	3.6	3.2	2.5	1.6	0.5	0.3	0.3	0.8	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

Lichttechnischer Prüfbefund

Familie Licross® 11 Protected	Bestell-Nr.: 51TP11MN4GXS EAN: 4058352930205	LP-Nummer 58525_201
---	---	--------------------------------------

UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	17,7	18,9	18,1	19,2	19,5	17,3	18,6	17,7	18,9	19,2
	3H	18,8	19,9	19,2	20,2	20,5	18,3	19,3	18,6	19,7	20,0
	4H	19,3	20,3	19,7	20,6	21,0	18,6	19,6	19,0	20,0	20,4
	6H	19,8	20,6	20,2	21,0	21,4	18,9	19,8	19,3	20,2	20,6
	8H	20,1	20,8	20,5	21,2	21,6	19,1	19,9	19,5	20,2	20,6
	12H	20,3	21,0	20,7	21,3	21,8	19,2	19,8	19,6	20,2	20,7
4H	2H	18,0	19,0	18,4	19,3	19,7	17,6	18,6	18,0	19,0	19,4
	3H	19,2	20,1	19,7	20,5	20,9	18,7	19,6	19,2	19,9	20,4
	4H	19,9	20,6	20,3	21,0	21,5	19,2	19,9	19,7	20,4	20,8
	6H	20,5	21,1	21,0	21,6	22,0	19,6	20,2	20,1	20,7	21,1
	8H	20,8	21,3	21,3	21,8	22,3	19,8	20,3	20,2	20,8	21,2
	12H	21,1	21,6	21,6	22,0	22,5	19,9	20,3	20,4	20,8	21,3
8H	4H	20,1	20,6	20,5	21,1	21,5	19,5	20,0	19,9	20,5	20,9
	6H	20,8	21,3	21,3	21,7	22,3	20,0	20,4	20,5	20,9	21,4
	8H	21,2	21,6	21,7	22,1	22,6	20,2	20,6	20,7	21,1	21,6
	12H	21,6	21,9	22,1	22,4	23,0	20,3	20,7	20,9	21,2	21,7
12H	4H	20,1	20,5	20,6	21,0	21,5	19,5	20,0	20,0	20,4	20,9
	6H	20,9	21,3	21,4	21,7	22,3	20,1	20,4	20,6	20,9	21,5
	8H	21,3	21,6	21,8	22,1	22,7	20,3	20,6	20,8	21,2	21,7

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

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°		15613.7	14897.5	13594.0	13052.2	13543.2	14875.4	16291.0	
50°		13172.8	12413.2	11112.6	10432.1	10767.1	12179.9	13786.0	
55°		11475.4	10761.4	9616.9	8915.4	9103.2	10478.4	12185.7	
60°		10078.1	9479.2	8597.2	7989.4	8015.2	9228.7	10885.9	
65°		8907.6	8448.5	7832.2	7372.8	7299.8	8218.3	9706.2	
70°		7950.6	7611.1	7171.4	6907.7	6771.8	7329.0	8618.5	
75°		7213.2	6945.9	6637.0	6523.7	6320.9	6469.6	7536.9	
80°		6687.0	6470.2	6297.9	6203.8	5915.8	5703.4	6456.6	
85°		6449.9	6279.5	6205.5	6214.5	5778.6	5075.0	5577.5	

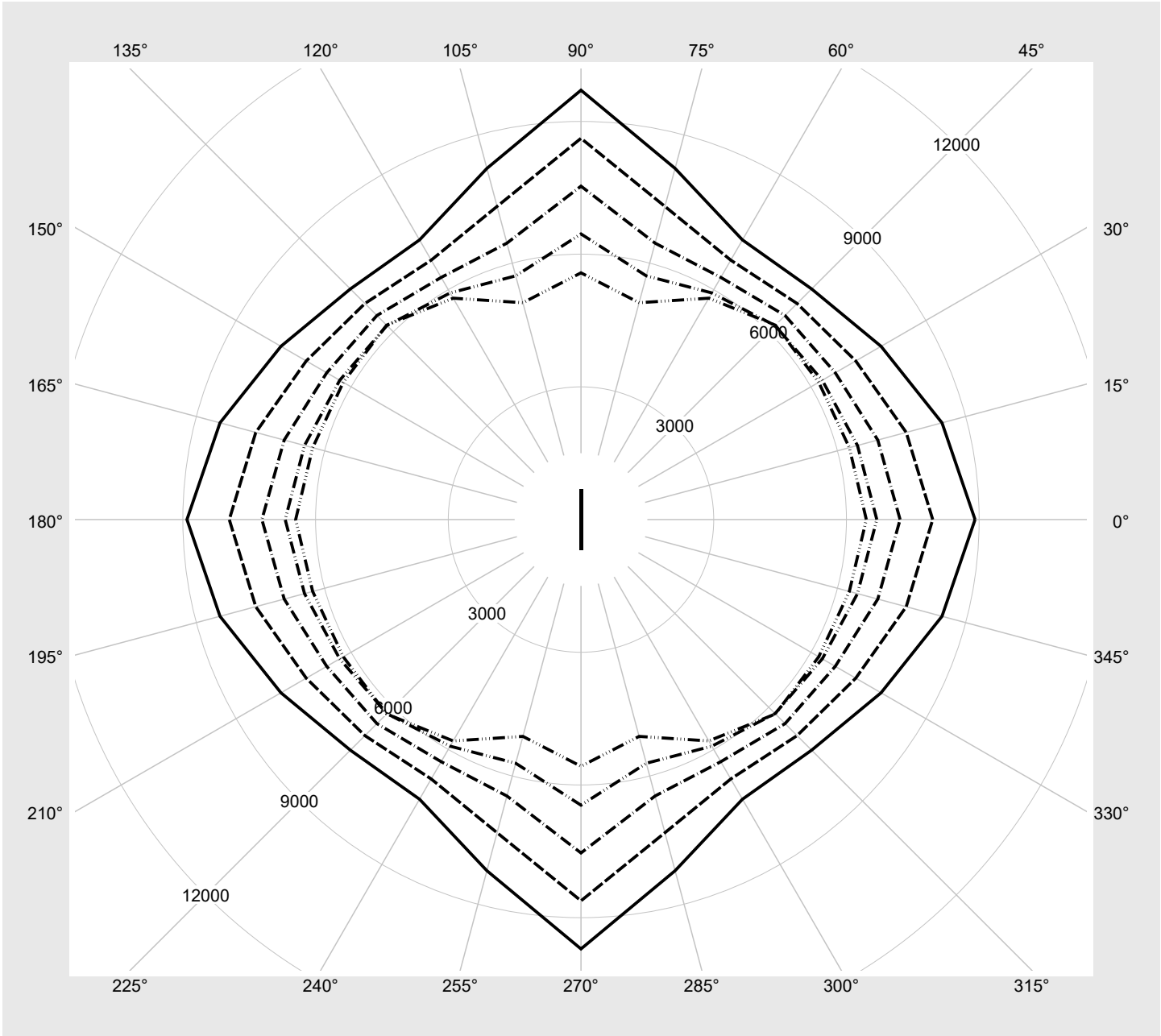
Lichttechnischer Prüfbefund

Familie Licross® 11 Protected	Bestell-Nr.: 51TP11MN4GXS EAN: 4058352930205	LP-Nummer 58525_201
--	---	--------------------------------------

Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
--------------	--------------	--------------	--------------	--------------

siteco



Lichttechnischer Prüfbefund

Familie

Licross® 11 Protected

Bestell-Nr.: 51TP11MN4GXS

EAN: 4058352930205

LP-Nummer

58525_201

Multilumen-Tabelle

Umgebungstemperatur: 25°C

SITECO

DIP-Stufe	Schalterstellung			Lichtstrom [lm]	Systemleistung [W]
	1	2	3		
1	A	C	E	16070	87.4
2	A	C	F	15271	82.6
3	A	D	E	14238	76.2
4	A	D	F	13205	70.1
5	B	C	E	12226	64.3
6	B	C	F	11150	58.3
7	B	D	E	10149	52.6
8	B	D	F	9137	47.0