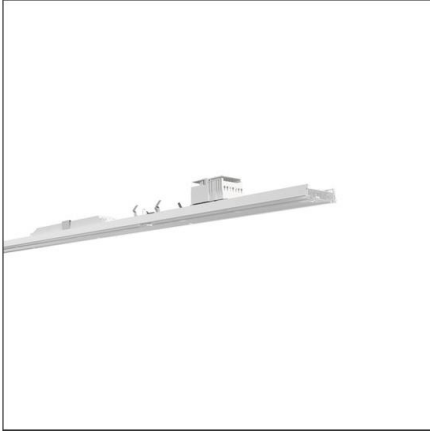


## Lichttechnischer Prüfbefund

**Familie**  
**Licross® 21 Recessed**

**Bestell-Nr.: 52TL12DNE75F**  
**EAN: 4058352454015**

**LP-Nummer**  
**59101\_5**



**Ausführung** Abdeckung satiniert, breit strahlend, hoher Sehkomfort

**Bestückung** LED 5000 K | CRI ≥ 90

**Betriebsgerät** EVG-DALI

**Bemessungswerte** Nettolichtstrom = 7970 lm  
Systemleistung = 61.1 W  
Lichtausbeute = 130.4 lm/W

**Seriendokumentation**  
**07.12.2020**

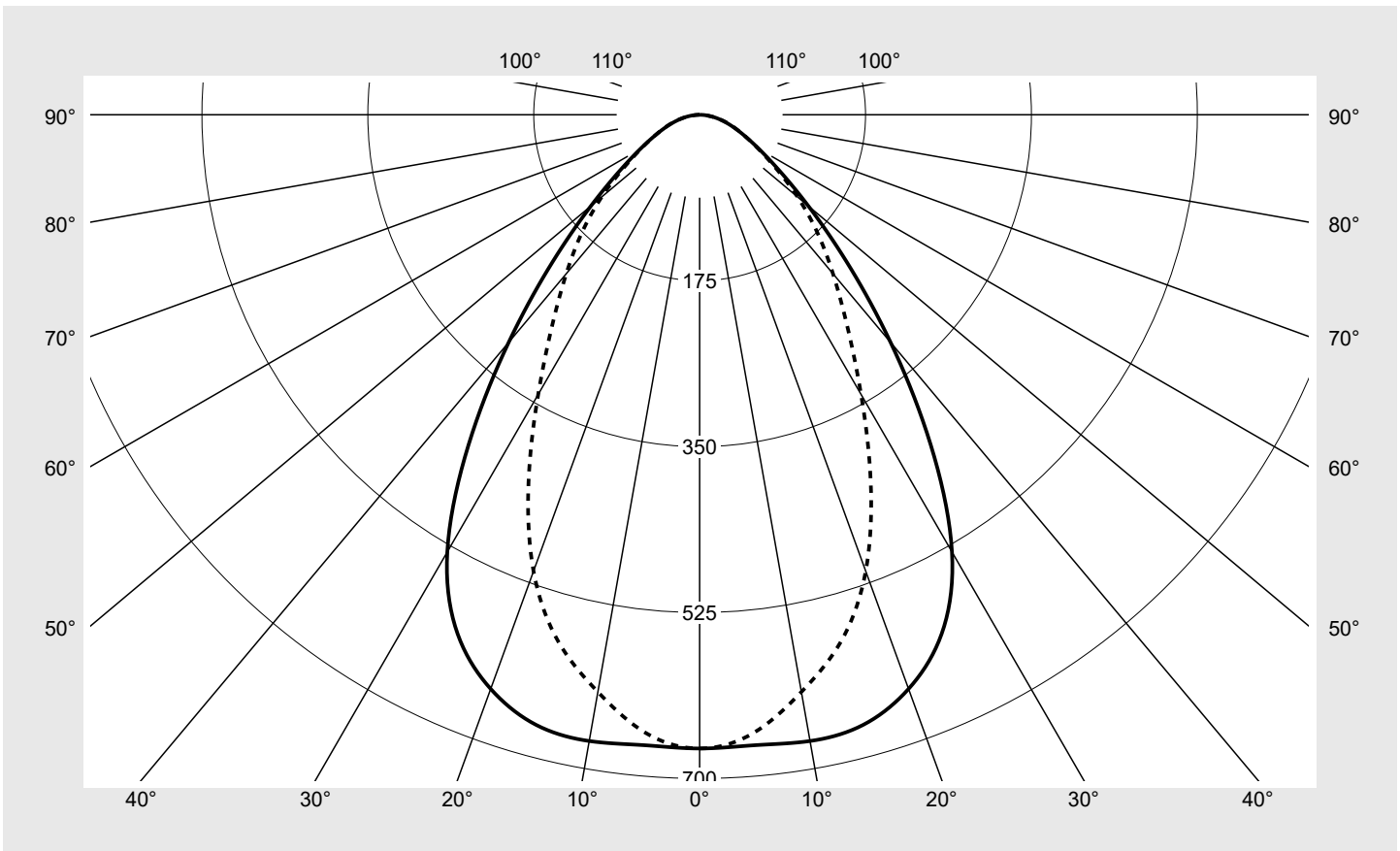
**sitEco**

**Lichtstärke in cd/klm**

**C180-0**

**C270-90**

**Imax: 671 cd/klm**



**Klassifizierungen**

DIN 5040 A 6 0  
CIE N1=72 N2=92 N3=99  
N4=100 N5=100

**Leuchtenbetriebswirkungsgrade**

$\eta_{LB}$  100,0%  
 $\phi_u$  100,0%  
 $\phi_o$  0,0%

**Messbedingungen**

DIN EN 13032 und DIN 5032

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Licross® 21 Recessed</b>	<b>Bestell-Nr.: 52TL12DNE75F</b> <b>EAN: 4058352454015</b>	<b>LP-Nummer</b> <b>59101_5</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>sITeco</b>

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°	668.4	668.4	668.4	668.4	668.4	668.4	668.4	4.0	4.0
5°	667.5	664.4	657.4	655.8	655.7	654.2	654.4	31.4	35.4
10°	670.7	665.0	649.1	636.1	625.3	618.7	618.1	60.9	96.3
15°	666.2	657.2	632.9	612.0	594.0	578.5	575.5	87.4	183.7
20°	644.4	632.9	606.9	585.4	554.6	522.7	512.3	108.8	292.5
25°	604.1	590.6	566.7	541.2	494.5	444.9	427.0	121.8	414.2
30°	532.4	517.7	496.3	466.1	413.9	359.9	340.6	122.9	537.1
35°	425.0	409.7	387.0	361.9	325.4	286.0	271.1	111.0	648.1
40°	313.4	295.8	270.7	255.1	246.8	229.4	218.8	91.8	739.9
45°	219.2	200.3	175.7	171.1	181.8	184.7	175.5	71.8	811.7
50°	149.7	132.6	112.6	116.3	133.0	145.6	134.9	54.8	866.5
55°	102.7	89.1	74.7	81.5	98.1	107.9	98.1	41.3	907.7
60°	72.4	62.1	51.3	58.3	71.8	76.5	71.0	31.0	938.7
65°	52.1	44.3	35.9	41.6	51.4	54.2	52.1	23.1	961.9
70°	37.6	31.7	24.7	29.1	35.6	38.4	38.3	16.9	978.8
75°	26.0	21.3	16.2	19.0	22.9	25.9	26.8	11.6	990.4
80°	16.1	12.5	9.2	10.4	12.6	14.8	15.7	6.8	997.3
85°	7.0	5.4	3.8	4.1	4.8	5.7	5.8	2.7	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

## Lichttechnischer Prüfbefund

<b>Familie</b> Licross® 21 Recessed	<b>Bestell-Nr.: 52TL12DNE75F</b> <b>EAN: 4058352454015</b>	<b>LP-Nummer</b> 59101_5
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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	21,0	22,4	21,3	22,7	23,0	20,9	22,3	21,3	22,6	23,0
	3H	21,5	22,8	21,9	23,1	23,5	21,7	22,9	22,1	23,3	23,6
	4H	21,8	23,0	22,2	23,4	23,7	22,0	23,2	22,4	23,5	23,9
	6H	22,1	23,1	22,5	23,5	23,9	22,3	23,4	22,7	23,7	24,1
	8H	22,3	23,2	22,7	23,6	24,0	22,4	23,4	22,8	23,8	24,2
	12H	22,3	23,2	22,8	23,6	24,0	22,5	23,4	22,9	23,8	24,2
4H	2H	21,1	22,3	21,5	22,7	23,0	21,1	22,3	21,5	22,6	23,0
	3H	21,8	22,8	22,2	23,2	23,6	22,1	23,0	22,5	23,4	23,8
	4H	22,1	23,0	22,6	23,4	23,9	22,5	23,4	22,9	23,8	24,2
	6H	22,5	23,2	22,9	23,6	24,1	22,8	23,6	23,3	24,0	24,5
	8H	22,6	23,3	23,1	23,7	24,2	23,0	23,7	23,5	24,1	24,6
	12H	22,7	23,3	23,2	23,8	24,3	23,1	23,7	23,6	24,1	24,6
8H	4H	22,2	22,9	22,7	23,3	23,8	22,6	23,2	23,0	23,7	24,2
	6H	22,6	23,1	23,1	23,6	24,1	23,0	23,5	23,5	24,0	24,5
	8H	22,7	23,2	23,2	23,7	24,2	23,1	23,6	23,6	24,1	24,6
	12H	22,9	23,3	23,4	23,8	24,3	23,3	23,7	23,8	24,2	24,7
12H	4H	22,2	22,8	22,7	23,3	23,8	22,6	23,1	23,1	23,6	24,1
	6H	22,6	23,1	23,1	23,5	24,1	23,0	23,5	23,5	23,9	24,5
	8H	22,8	23,2	23,3	23,7	24,2	23,2	23,6	23,7	24,1	24,6

## Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$

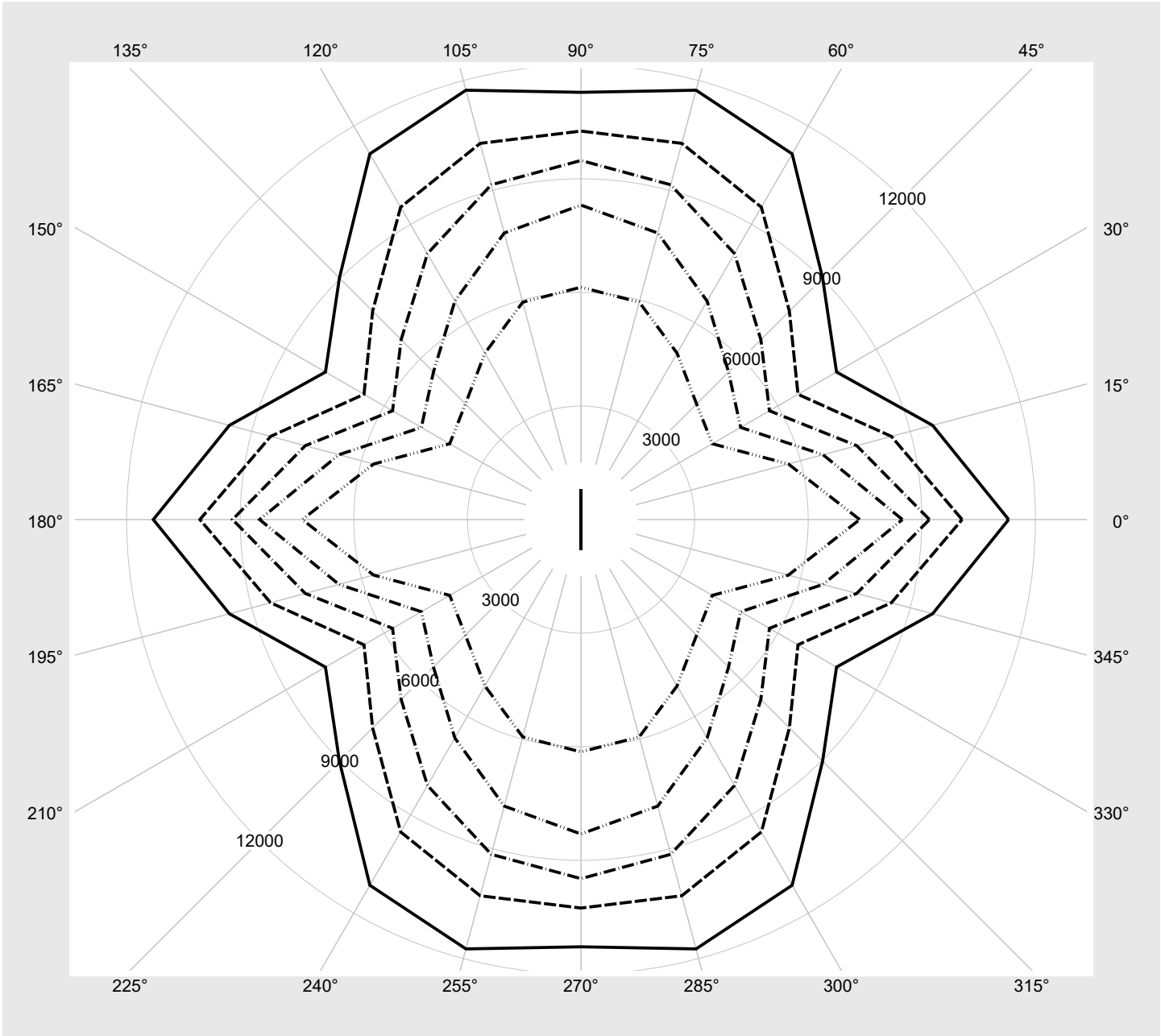
Lichttechnische Abmessungen in mm: **L = 1500**  
**B = 58**

C- Ebenen	$\gamma$	Leuchtdichte in cd/m <sup>2</sup>						
		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°		28401.0	25956.1	22759.3	22171.4	23553.0	23928.8	22740.1
50°		21332.9	18894.1	16049.2	16575.8	18954.3	20753.3	19219.3
55°		16397.4	14234.8	11933.6	13020.5	15664.8	17241.0	15660.8
60°		13261.7	11383.9	9400.6	10689.7	13149.0	14018.2	13004.7
65°		11293.9	9612.5	7792.3	9022.7	11152.0	11739.0	11283.1
70°		10064.4	8486.2	6616.9	7782.0	9526.3	10285.6	10259.6
75°		9202.4	7538.1	5745.7	6717.3	8109.4	9153.2	9483.0
80°		8487.9	6617.1	4868.3	5510.3	6661.5	7833.7	8304.8
85°		7360.8	5669.6	4003.6	4316.9	5074.7	5942.9	6136.3

**Lichttechnischer Prüfbefund**

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



## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Licross® 21 Recessed</b>	<b>Bestell-Nr.: 52TL12DNE75F</b> <b>EAN: 4058352454015</b>	<b>LP-Nummer</b> <b>59101_5</b>
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<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 25°C	<b>sITeco</b>
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	7970	61.1
95	240	252	7584	57.6
90	225	250	7163	53.9
85	211	247	6762	50.4
80	198	245	6384	47.2
75	184	242	5970	43.8
70	171	240	5578	40.7
65	158	237	5184	37.5
60	145	233	4781	34.4
55	132	230	4374	31.5
50	120	227	3994	28.6
45	107	222	3578	25.6
40	95	218	3189	22.9
35	83	213	2797	20.2
30	71	207	2399	17.5
25	59	201	1998	14.8
20	47	192	1596	12.1
15	35	181	1186	9.4
10	24	168	808	7.0
5	12	142	392	4.4
1	4	102	113	2.6