

## Lichttechnischer Prüfbefund

**Familie**  
**Lunis R LED**



**Bestell-Nr.: 5LR610D4OB11AF + 5LR94685EE**  
**EAN: 4058352125915 + 4039806161208**

**LP-Nummer**  
**58556\_10**

**Seriendokumentation**  
**03.05.2018**

**Ausführung** Downlight für Deckeneinbau, Diffusorscheibe, satiniert, innen matt

**Bestückung** 1 x LED 4000K / CRI ≥ 80  
(unbekannt LED 4000K / CRI = 80)

**Betriebsgerät** EVG-DALI

**Einstellung** Werkseinstellung: High Lumen Output

**Bemessungswerte** Nettolichtstrom = 3880 lm  
Systemleistung = 37.0 W  
Lichtausbeute = 104.9 lm/W

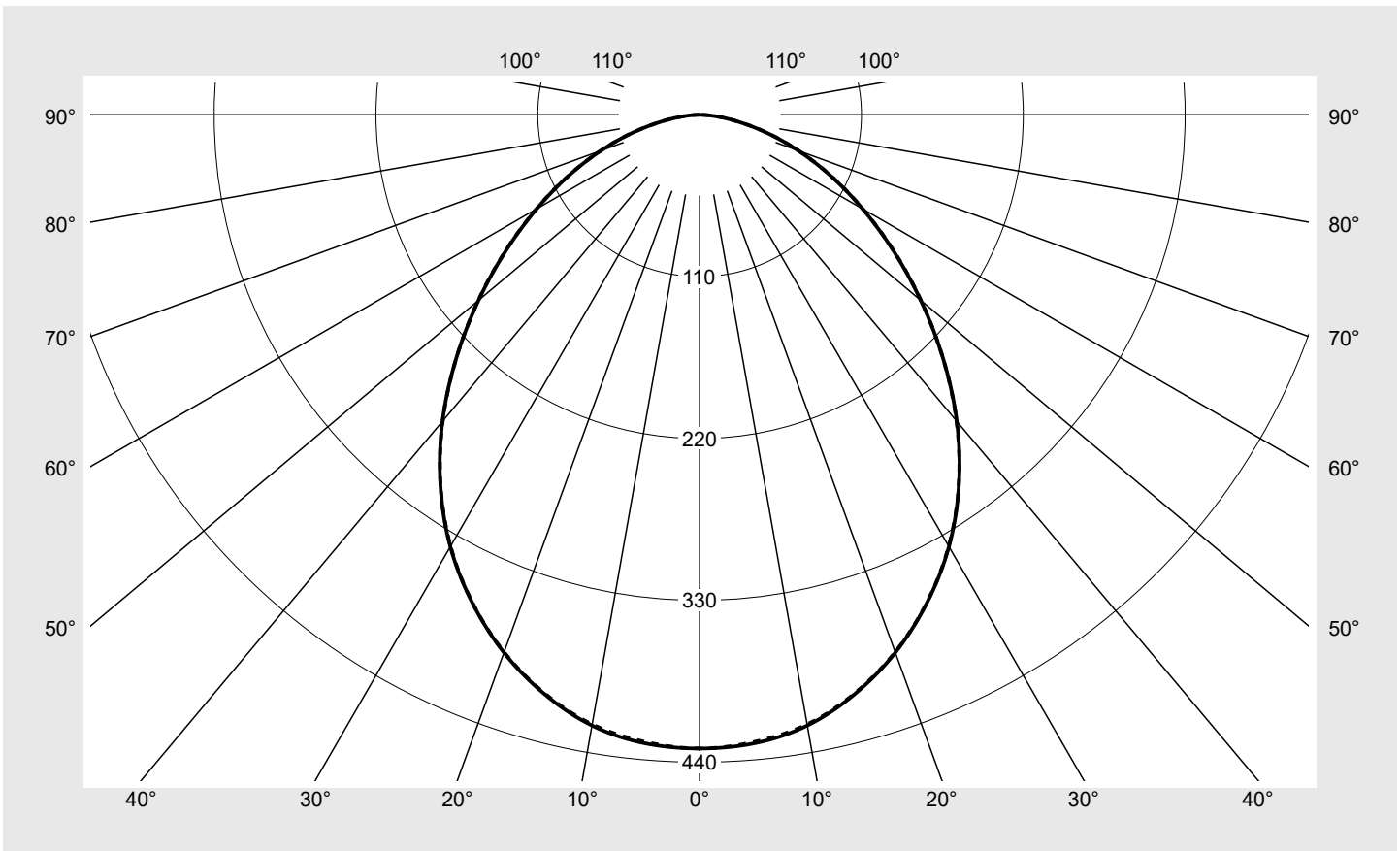
**sITeco**

**Lichtstärke in cd/klm**

**C180-0**

**C270-90**

**Imax: 431 cd/klm**



**Klassifizierungen**

DIN 5040 A 4 0  
CIE N1=54 N2=84 N3=97  
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> Lunis R LED	<b>Bestell-Nr.: 5LR610D4OB11AF + 5LR94685EE</b> <b>EAN: 4058352125915 + 4039806161208</b>	<b>LP-Nummer</b> 58556_10
<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	
0°	430.7	430.7	430.7	430.7	430.7	430.7	430.7	2.6	2.6
5°	428.8	428.7	428.5	428.4	428.2	428.0	427.8	20.5	23.0
10°	421.5	421.2	421.1	421.0	420.8	420.8	420.7	40.1	63.1
15°	407.6	407.5	407.4	407.4	407.2	407.2	407.1	57.8	120.9
20°	389.0	389.0	389.0	388.9	388.8	388.7	388.6	72.9	193.8
25°	365.8	365.9	365.8	365.8	365.6	365.7	365.6	84.7	278.5
30°	338.9	338.9	338.7	338.8	338.7	338.7	338.6	92.8	371.4
35°	307.2	307.4	307.2	307.2	307.2	307.2	307.0	96.6	468.0
40°	271.9	271.8	271.7	271.8	271.8	271.7	271.6	95.7	563.7
45°	233.9	233.9	233.9	233.9	233.9	233.9	233.9	90.7	654.4
50°	196.2	196.3	196.2	196.3	196.3	196.3	196.5	82.4	736.8
55°	160.5	160.6	160.6	160.8	160.8	160.9	161.0	72.2	809.0
60°	127.8	128.0	128.0	128.1	128.0	128.2	128.2	60.8	869.7
65°	98.4	98.5	98.5	98.6	98.7	98.8	98.7	49.0	918.7
70°	71.4	71.4	71.4	71.6	71.6	71.6	71.6	36.8	955.6
75°	47.1	47.1	47.2	47.3	47.3	47.3	47.3	25.0	980.6
80°	25.8	25.9	25.8	25.9	25.9	26.0	25.9	14.0	994.5
85°	10.1	10.0	10.0	10.0	10.0	9.9	10.0	5.4	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> Lunis R LED	<b>Bestell-Nr.: 5LR610D4OB11AF + 5LR94685EE</b> <b>EAN: 4058352125915 + 4039806161208</b>	<b>LP-Nummer</b> 58556_10
-------------------------------	--	------------------------------

UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	21,4	23,0	21,8	23,4	23,7	21,4	23,1	21,8	23,4	23,7
	3H	22,7	24,1	23,0	24,4	24,8	22,7	24,1	23,0	24,5	24,8
	4H	23,1	24,5	23,5	24,8	25,2	23,1	24,5	23,5	24,8	25,2
	6H	23,4	24,7	23,8	25,0	25,4	23,4	24,7	23,9	25,1	25,5
	8H	23,6	24,7	24,0	25,1	25,5	23,6	24,7	24,0	25,1	25,5
	12H	23,6	24,7	24,0	25,1	25,5	23,6	24,7	24,1	25,1	25,5
4H	2H	22,0	23,4	22,4	23,8	24,1	22,1	23,4	22,4	23,8	24,1
	3H	23,4	24,6	23,9	25,0	25,4	23,5	24,6	23,9	25,0	25,4
	4H	24,0	25,0	24,4	25,4	25,9	24,0	25,1	24,5	25,5	25,9
	6H	24,4	25,3	24,9	25,7	26,2	24,4	25,3	24,9	25,8	26,2
	8H	24,5	25,4	25,0	25,8	26,3	24,6	25,4	25,0	25,8	26,3
	12H	24,6	25,4	25,1	25,8	26,3	24,7	25,4	25,1	25,8	26,3
8H	4H	24,3	25,1	24,7	25,5	26,0	24,3	25,1	24,7	25,5	26,0
	6H	24,7	25,4	25,2	25,9	26,4	24,8	25,4	25,3	25,9	26,4
	8H	24,9	25,5	25,4	26,0	26,5	24,9	25,5	25,4	26,0	26,5
	12H	25,1	25,6	25,6	26,0	26,6	25,1	25,6	25,6	26,1	26,6
12H	4H	24,3	25,0	24,8	25,5	26,0	24,3	25,0	24,8	25,5	26,0
	6H	24,8	25,4	25,3	25,9	26,4	24,8	25,4	25,3	25,9	26,4
	8H	25,0	25,5	25,5	26,0	26,5	25,0	25,5	25,5	26,0	26,5

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

Lichttechnische Abmessungen in mm: D = 308

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°		17228.7	17226.9	17224.0	17225.2	17226.9	17225.8	17224.0	
50°		15893.3	15901.2	15895.3	15902.5	15906.4	15905.1	15919.6	
55°		14572.2	14585.4	14584.7	14597.1	14602.3	14608.9	14613.3	
60°		13314.6	13327.3	13326.3	13337.4	13333.9	13355.9	13355.1	
65°		12126.5	12133.5	12134.5	12151.4	12165.4	12171.4	12166.4	
70°		10868.4	10872.2	10873.4	10896.7	10894.3	10907.8	10905.4	
75°		9480.3	9483.7	9498.2	9508.1	9514.5	9524.4	9522.7	
80°		7737.3	7753.8	7747.8	7754.4	7761.3	7789.5	7776.0	
85°		6006.8	5978.1	5967.3	5951.2	5963.1	5930.9	5969.1	

**Lichttechnischer Prüfbefund**

<b>Familie</b> <b>Lunis R LED</b>	<b>Bestell-Nr.: 5LR610D4OB11AF + 5LR94685EE</b> <b>EAN: 4058352125915 + 4039806161208</b>	<b>LP-Nummer</b> <b>58556_10</b>
--------------------------------------	--	-------------------------------------

**Leuchtdichten in cd/m<sup>2</sup>**

γ 65°
γ 70°
γ 75°
γ 80°
γ 85°

