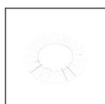


Photometric test report

Family Lunis R LED



Order number: 5LR610D4OB11AF + 5LR94681CE
EAN: 4058352125915 + 4039806194336

**LP number
57881_8**

Version Downlight for recessed ceiling, C-louvre
Lamps 1 x LED 4000K / CRI ≥ 80
 (unbekannt LED 4000K / CRI = 80)
Controlgear ECG-DALI
Setting individual position: Low Lumen Output
Rated values Net luminous flux = 2690 lm
 Power consumption = 26.0 W
 Luminous efficacy = 103.5 lm/W

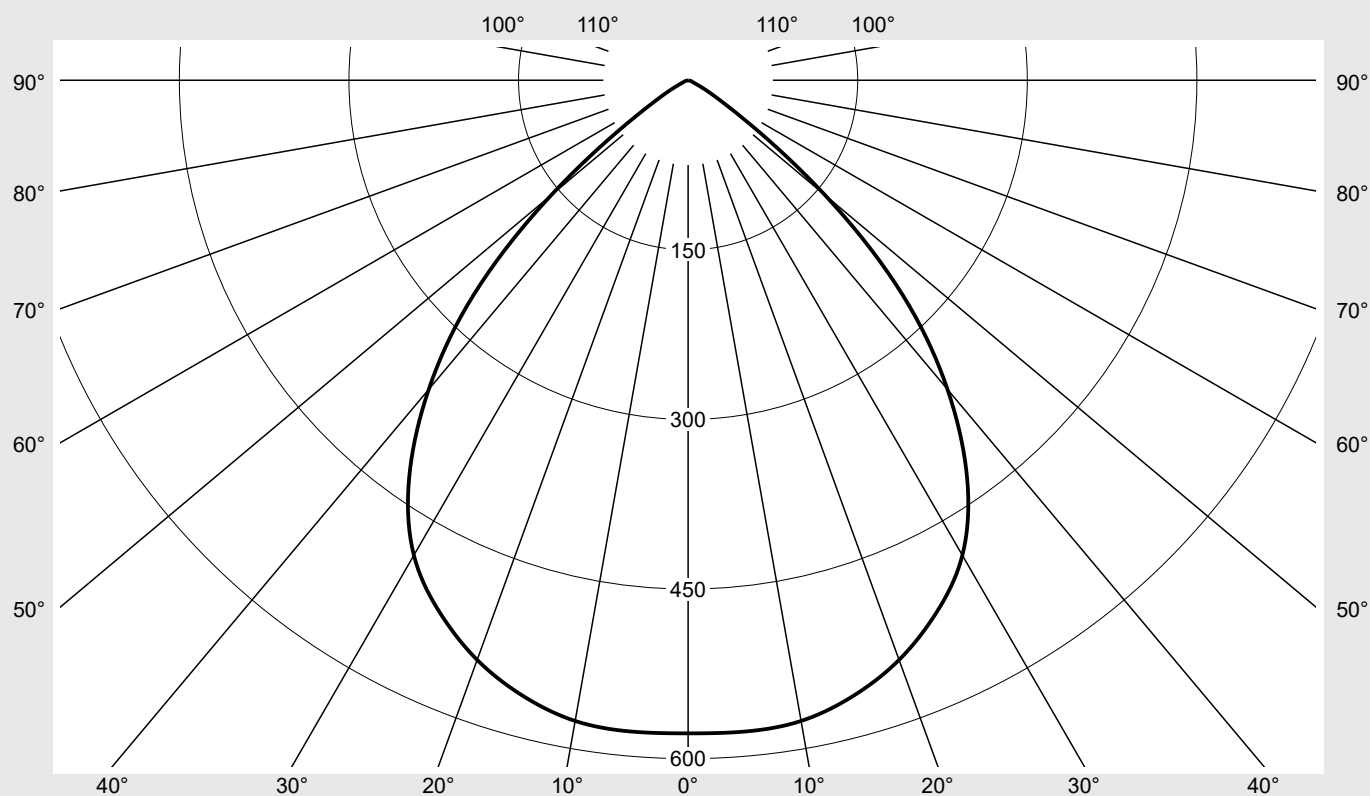
**serial
documentation
09.03.2018**

siteco

Luminous intensity in cd/klm

C180-0

Imax: 578 cd/klm



Classifications

DIN 5040 A 6 0
 CIE N1=76 N2=99 N3=100
 N4=100 N5=100

Luminaire light output ratios

η_{LB} 100.0%
 ϕ_u 100.0%
 ϕ_o 0.0%

Measurement conditions

DIN EN 13032 and DIN 5032

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Table of values for luminous intensities		Maximum luminous intensity

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C-planes	0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm		Luminous flux in lm/klm
0°	577.6	3.5	3.5
5°	578.2	27.6	31.1
10°	575.4	54.8	85.8
15°	563.8	80.0	165.8
20°	545.6	102.3	268.1
25°	519.6	120.4	388.5
30°	485.1	133.0	521.4
35°	430.3	135.3	656.7
40°	356.9	125.8	782.5
45°	268.0	103.9	886.4
50°	158.1	66.4	952.8
55°	61.8	27.8	980.5
60°	22.5	10.7	991.2
65°	7.4	3.7	994.9
70°	3.9	2.0	996.8
75°	2.8	1.5	998.3
80°	1.8	0.9	999.3
85°	1.4	0.8	1000.0
90°	0.0	0.0	1000.0
95°	0.0	0.0	1000.0
100°	0.0	0.0	1000.0
105°	0.0	0.0	1000.0
110°	0.0	0.0	1000.0
115°	0.0	0.0	1000.0
120°	0.0	0.0	1000.0
125°	0.0	0.0	1000.0
130°	0.0	0.0	1000.0
135°	0.0	0.0	1000.0
140°	0.0	0.0	1000.0
145°	0.0	0.0	1000.0
150°	0.0	0.0	1000.0
155°	0.0	0.0	1000.0
160°	0.0	0.0	1000.0
165°	0.0	0.0	1000.0
170°	0.0	0.0	1000.0
175°	0.0	0.0	1000.0
180°	0.0	0.0	1000.0

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Family Lunis R LED			Order number: 5LR610D4OB11AF + 5LR94681CE EAN: 4058352125915 + 4039806194336							LP number 57881_8	
UGR-Table			Standard room							siteco	
Reflection factor of ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
Reflection factor of walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
Reflection factor of floor	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		View crosswise (C0)					View endwise (C90)				
x	y										
2H	2H	18.1	19.5	18.5	19.8	20.1	18.1	19.5	18.5	19.8	20.1
	3H	18.0	19.2	18.4	19.5	19.9	18.0	19.2	18.4	19.5	19.9
	4H	17.9	19.0	18.3	19.4	19.8	17.9	19.0	18.3	19.4	19.8
	6H	17.9	18.9	18.3	19.3	19.6	17.9	18.9	18.3	19.3	19.6
	8H	17.9	18.8	18.3	19.2	19.6	17.9	18.8	18.3	19.2	19.6
	12H	17.9	18.7	18.3	19.1	19.5	17.9	18.7	18.3	19.1	19.5
4H	2H	18.0	19.1	18.4	19.4	19.8	18.0	19.1	18.4	19.4	19.8
	3H	17.8	18.8	18.3	19.2	19.6	17.8	18.8	18.3	19.2	19.6
	4H	17.8	18.6	18.2	19.0	19.4	17.8	18.6	18.2	19.0	19.4
	6H	17.7	18.4	18.2	18.8	19.3	17.7	18.4	18.2	18.8	19.3
	8H	17.7	18.3	18.1	18.7	19.2	17.7	18.3	18.1	18.7	19.2
	12H	17.7	18.2	18.2	18.7	19.2	17.7	18.2	18.2	18.7	19.2
8H	4H	17.7	18.3	18.1	18.7	19.2	17.7	18.3	18.1	18.7	19.2
	6H	17.6	18.1	18.1	18.6	19.1	17.6	18.1	18.1	18.6	19.1
	8H	17.5	18.0	18.0	18.5	19.0	17.5	18.0	18.0	18.5	19.0
	12H	17.5	17.9	18.0	18.4	18.9	17.5	17.9	18.0	18.4	18.9
12H	4H	17.7	18.2	18.1	18.6	19.1	17.7	18.2	18.1	18.6	19.1
	6H	17.6	18.0	18.1	18.5	19.0	17.6	18.0	18.1	18.5	19.0
	8H	17.5	17.9	18.0	18.4	18.9	17.5	17.9	18.0	18.4	18.9

Luminance table		Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 308
C-planes	0°		
γ	Luminance in cd/m²		
45°	13685.9		
50°	8879.3		
55°	3891.8		
60°	1623.5		
65°	630.2		
70°	407.9		
75°	392.0		
80°	365.1		
85°	582.0		

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Luminance values in cd/m²		siteco
γ 65° γ 70° γ 75° γ 80° γ 85°		

