

## Lichttechnischer Prüfbefund

**Familie**  
**Apollon® 21**

**Bestell-Nr.: 51MQ17WD2412**  
**EAN: 4058352490754**

**LP-Nummer**  
**59193\_3**



**Ausführung** Einbauleuchte für Einlegemontage, Langfeld, breit strahlend

**Bestückung** LED 4000 K | CRI ≥ 80

**Betriebsgerät** EVG-DALI

**Bemessungswerte** Nettolichtstrom = 7200 lm  
Systemleistung = 60.0 W  
Lichtausbeute = 120 lm/W

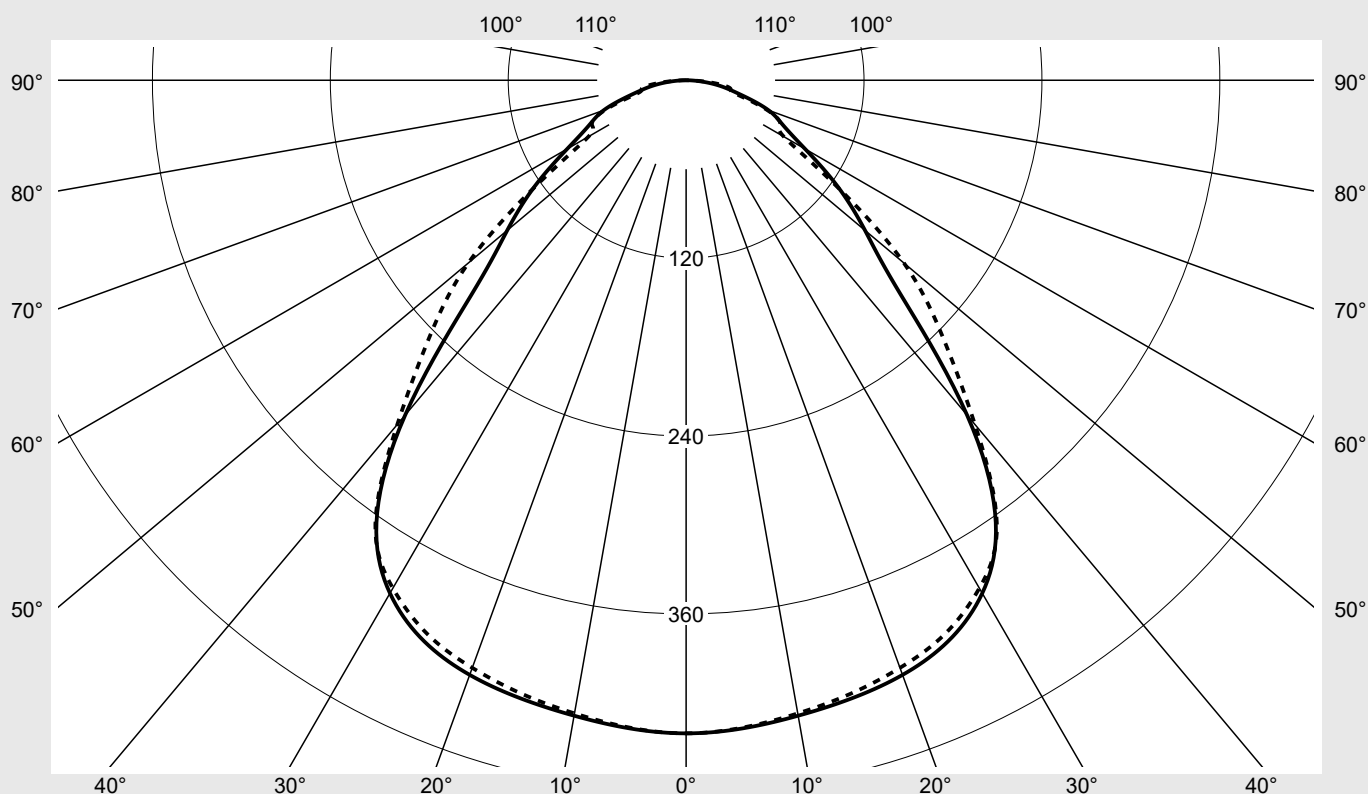
**Seriendokumentation**  
**30.07.2021**

**sITeco**

**Lichtstärke in cd/klm**

**C180-0** **C270-90**

**Imax: 441 cd/klm**



**Klassifizierungen**

DIN 5040 A 5 0  
CIE N1=61 N2=87 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

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<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									
γ								Lichtstrom in lm/klm	
0°	440.5	440.5	440.5	440.5	440.5	440.5	440.5	2.6	2.6
5°	438.8	438.8	438.6	438.5	438.5	438.3	438.3	21.0	23.6
10°	435.2	435.1	434.7	434.4	434.1	433.8	433.7	41.3	64.9
15°	431.6	431.4	430.4	429.9	429.6	429.0	428.4	61.0	125.9
20°	426.8	426.3	425.0	424.1	423.4	422.6	421.8	79.5	205.5
25°	417.7	417.7	416.7	414.8	413.3	412.5	412.4	96.1	301.6
30°	399.5	400.5	401.0	397.6	394.4	394.6	395.6	109.0	410.6
35°	364.2	367.4	370.3	365.2	360.1	362.1	365.4	114.8	525.4
40°	294.8	297.9	307.7	297.1	292.2	294.7	303.1	105.0	630.4
45°	205.1	222.7	247.3	222.6	200.5	217.8	244.8	86.3	716.7
50°	157.5	177.3	190.7	176.7	153.0	173.1	191.8	73.2	789.8
55°	124.7	136.0	121.5	132.7	125.1	133.7	122.3	57.8	847.6
60°	92.7	98.6	77.8	97.8	93.3	98.2	76.0	43.5	891.2
65°	72.5	74.6	71.4	73.3	71.5	72.7	70.1	36.0	927.2
70°	59.2	55.7	56.1	55.6	60.5	55.5	57.5	29.3	956.5
75°	38.8	40.1	34.7	40.4	39.9	39.1	33.8	20.3	976.8
80°	24.7	28.1	28.6	29.3	23.8	29.2	29.9	15.0	991.8
85°	11.2	14.7	15.9	14.6	10.8	15.0	16.0	7.7	999.5
90°	0.9	1.5	1.3	1.2	0.5	0.6	0.3	0.5	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

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UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	16,8	18,4	17,2	18,7	19,0	16,7	18,3	17,1	18,6	18,9
	3H	17,9	19,3	18,2	19,6	19,9	17,7	19,1	18,1	19,5	19,8
	4H	18,3	19,6	18,7	20,0	20,3	18,1	19,5	18,5	19,8	20,2
	6H	18,7	19,9	19,1	20,3	20,7	18,6	19,8	19,0	20,2	20,6
	8H	18,9	20,0	19,3	20,4	20,8	18,9	20,0	19,3	20,4	20,8
	12H	19,0	20,0	19,4	20,4	20,8	19,1	20,1	19,5	20,5	21,0
4H	2H	17,3	18,6	17,7	18,9	19,3	17,2	18,5	17,6	18,8	19,2
	3H	18,5	19,6	18,9	20,0	20,4	18,4	19,5	18,9	19,9	20,3
	4H	19,1	20,0	19,5	20,4	20,9	19,0	20,0	19,4	20,4	20,8
	6H	19,6	20,5	20,1	20,9	21,4	19,6	20,5	20,1	20,9	21,4
	8H	19,8	20,6	20,3	21,1	21,5	19,9	20,7	20,4	21,2	21,6
	12H	20,0	20,7	20,5	21,2	21,7	20,2	20,9	20,7	21,4	21,9
8H	4H	19,3	20,1	19,8	20,5	21,0	19,3	20,0	19,7	20,5	21,0
	6H	20,1	20,7	20,5	21,2	21,7	20,0	20,6	20,5	21,1	21,6
	8H	20,4	21,0	20,9	21,4	22,0	20,4	21,0	20,9	21,4	22,0
	12H	20,7	21,2	21,2	21,7	22,2	20,8	21,2	21,3	21,7	22,3
12H	4H	19,4	20,0	19,9	20,5	21,0	19,3	20,0	19,8	20,5	21,0
	6H	20,2	20,7	20,7	21,2	21,7	20,1	20,7	20,6	21,1	21,7
	8H	20,6	21,0	21,1	21,5	22,1	20,5	21,0	21,0	21,5	22,0

<b>Leuchtdichten-Tabelle</b> Max. für $\gamma \geq 65^\circ$	<b>Lichttechnische Abmessungen in mm:</b> L = 1498 B = 260
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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°		5362.4	5822.3	6464.4	5818.8	5241.4	5692.9	6399.2
50°		4530.6	5099.8	5485.6	5081.4	4401.5	4978.6	5516.7
55°		4017.4	4382.9	3915.1	4278.3	4030.6	4307.7	3942.2
60°		3425.7	3646.8	2877.2	3616.1	3447.9	3630.9	2810.6
65°		3170.5	3263.9	3124.5	3206.9	3126.7	3180.1	3068.4
70°		3198.1	3009.2	3031.3	3005.9	3268.5	3001.0	3108.8
75°		2771.7	2861.1	2481.2	2883.3	2846.8	2789.6	2414.7
80°		2625.4	2989.0	3047.7	3124.4	2528.4	3106.3	3186.3
85°		2379.6	3119.0	3367.6	3093.6	2286.1	3172.0	3399.4

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Leuchtdichten in cd/m<sup>2</sup>      γ 65°    γ 70°    γ 75°    γ 80°    γ 85°      **siteco**

