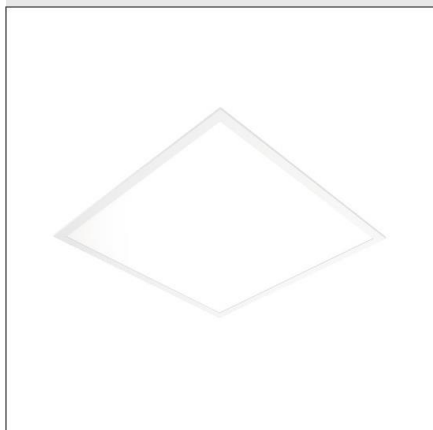


## Lichttechnischer Prüfbefund

Familie  
Apollon® 41

Bestell-Nr.: 51MH11WD2N43  
EAN: 4058352967201

LP-Nummer  
59525\_10



**Ausführung** Einbauleuchte für Einlegemontage, quadratisch M625, breit strahlend, einstellbare Farbtemperatur: 4000 K | 6500 K, UGR≤19 (L65≤3000cd/m<sup>2</sup>)

**Bestückung** LED 4000 K | CRI ≥ 80

**Betriebsgerät** EVG-DALI

**Einstellung** Werkseinstellung

**Bemessungswerte** Nettolichtstrom = 3500 lm  
Systemleistung = 28.5 W  
Lichtausbeute = 122.8 lm/W

Seriendokumentation  
20.12.2023

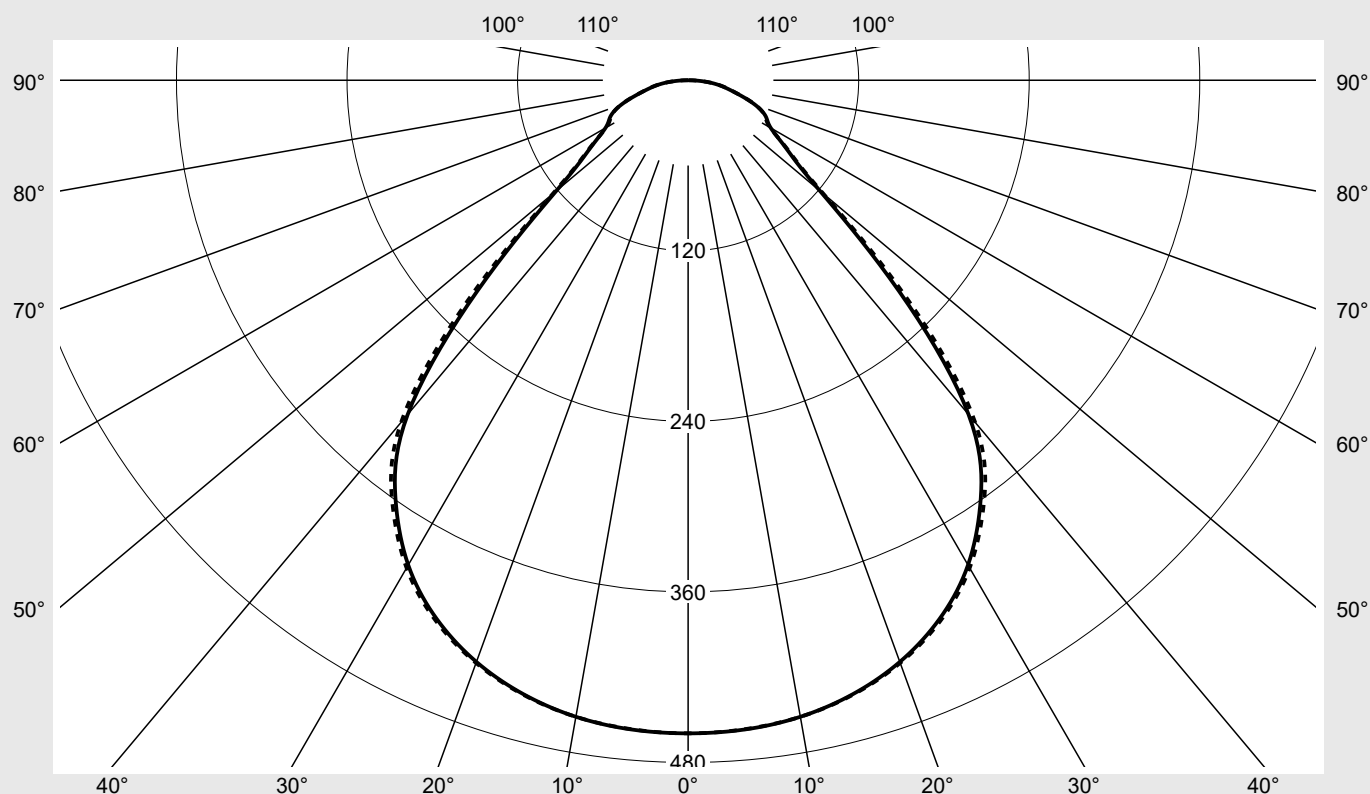
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 460 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

## Lichttechnischer Prüfbefund

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<b>Wertetabelle Lichtstärkemessung</b>	<b>Maximale Lichtstärke</b>	<b>sITeco</b>
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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°	459.5	459.5	459.5	459.5	459.5	459.5	459.5	2.7	2.7
5°	458.5	458.6	458.6	458.5	458.4	458.4	458.3	21.9	24.7
10°	454.8	454.7	454.7	454.6	454.5	454.6	454.8	43.3	67.9
15°	447.3	447.2	447.2	447.1	447.1	447.4	447.7	63.4	131.4
20°	435.5	435.6	435.6	435.5	435.4	435.9	436.3	81.7	213.1
25°	418.3	418.2	418.1	417.9	417.9	418.8	419.8	96.9	310.0
30°	393.9	392.9	392.0	391.8	391.7	394.0	396.2	107.7	417.6
35°	359.0	358.1	357.3	357.0	356.7	359.8	362.9	112.7	530.3
40°	307.0	305.1	303.5	302.7	302.0	308.1	314.2	107.6	637.9
45°	209.9	219.5	229.2	228.5	227.9	223.6	219.4	86.8	724.7
50°	121.1	152.8	184.6	184.6	184.5	154.4	124.3	68.8	793.5
55°	85.1	114.1	143.1	142.6	142.1	114.1	86.2	55.5	849.0
60°	67.2	85.5	103.9	103.9	103.9	85.2	66.6	43.5	892.4
65°	60.3	67.1	74.0	73.7	73.5	66.6	59.7	34.4	926.8
70°	49.9	54.2	58.5	57.8	57.2	53.7	50.2	28.4	955.2
75°	35.1	40.7	46.3	45.7	45.1	40.2	35.4	22.4	977.6
80°	24.2	25.1	26.1	25.6	25.0	24.9	24.7	13.6	991.2
85°	13.0	14.1	15.3	15.2	15.1	14.0	12.9	7.9	999.1
90°	1.4	1.6	1.9	1.8	1.8	1.5	1.2	0.9	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

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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	14,8	16,4	15,2	16,7	17,0	14,8	16,4	15,2	16,7	17,0
	3H	15,7	17,1	16,1	17,5	17,8	15,7	17,1	16,1	17,5	17,8
	4H	16,2	17,5	16,6	17,9	18,2	16,2	17,5	16,6	17,9	18,2
	6H	16,6	17,8	17,0	18,2	18,5	16,6	17,8	17,0	18,2	18,6
	8H	16,8	17,9	17,2	18,3	18,7	16,8	17,9	17,2	18,3	18,7
	12H	16,9	18,0	17,4	18,4	18,8	17,0	18,0	17,4	18,4	18,8
4H	2H	15,4	16,7	15,8	17,0	17,4	15,4	16,7	15,8	17,0	17,4
	3H	16,6	17,7	17,0	18,1	18,5	16,6	17,7	17,0	18,0	18,5
	4H	17,2	18,2	17,7	18,6	19,0	17,2	18,2	17,6	18,6	19,0
	6H	17,7	18,6	18,2	19,0	19,5	17,7	18,6	18,2	19,0	19,4
	8H	18,0	18,7	18,4	19,2	19,7	17,9	18,7	18,4	19,2	19,6
	12H	18,2	18,8	18,7	19,3	19,8	18,1	18,8	18,6	19,3	19,8
8H	4H	17,6	18,3	18,0	18,8	19,3	17,5	18,3	18,0	18,8	19,2
	6H	18,2	18,9	18,7	19,3	19,8	18,2	18,8	18,7	19,3	19,8
	8H	18,5	19,1	19,0	19,6	20,1	18,5	19,1	19,0	19,5	20,1
	12H	18,8	19,3	19,3	19,8	20,3	18,8	19,3	19,3	19,8	20,3
12H	4H	17,6	18,3	18,1	18,7	19,2	17,6	18,3	18,1	18,7	19,2
	6H	18,3	18,8	18,8	19,3	19,9	18,3	18,8	18,8	19,3	19,8
	8H	18,7	19,1	19,2	19,6	20,2	18,6	19,1	19,1	19,6	20,1

<b>Leuchtdichten-Tabelle</b> Max. für $\gamma \geq 65^\circ$	<b>Lichttechnische Abmessungen in mm:</b> L = 555 B = 555
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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°		3373.2	3527.9	3682.6	3672.3	3662.0	3593.7	3525.5	
50°		2139.9	2701.9	3263.9	3263.0	3262.1	2729.8	2197.5	
55°		1684.9	2259.6	2834.3	2824.5	2814.7	2260.8	1706.8	
60°		1526.5	1943.5	2360.5	2360.5	2360.5	1936.8	1513.0	
65°		1621.2	1804.8	1988.4	1982.7	1977.0	1791.1	1605.3	
70°		1656.5	1799.7	1942.9	1921.1	1899.3	1782.8	1666.4	
75°		1541.8	1788.1	2034.3	2006.8	1979.2	1766.2	1553.1	
80°		1580.3	1643.0	1705.6	1672.1	1638.4	1628.7	1619.1	
85°		1691.5	1843.3	1995.2	1983.6	1972.0	1829.1	1686.2	

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

