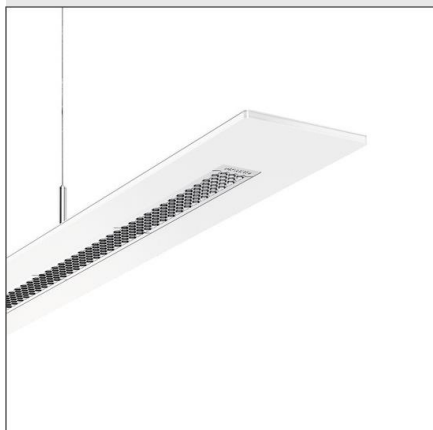


Lichttechnischer Prüfbefund

Familie
ARKTIKA-P LED

Bestell-Nr.: 5MB2512L30830
EAN: 4052899488793

LP-Nummer
57553_11



Ausführung LED Design Pendelleuchte, direkt-/ indirekt strahlend, BAP65 ($L \leq 1500 \text{ cd/m}^2$), $\text{UGR} \leq 19$

Bestückung 1 x LED 3000K / $\text{CRI} \geq 80$
(unbekannt LED 3000K / $\text{CRI} = 80$)

Betriebsgerät EVG

Bemessungswerte Nettolichtstrom = 3670 lm
Systemleistung = 30.7 W
Lichtausbeute = 119.5 lm/W

Seriendokumentation
09.03.2018

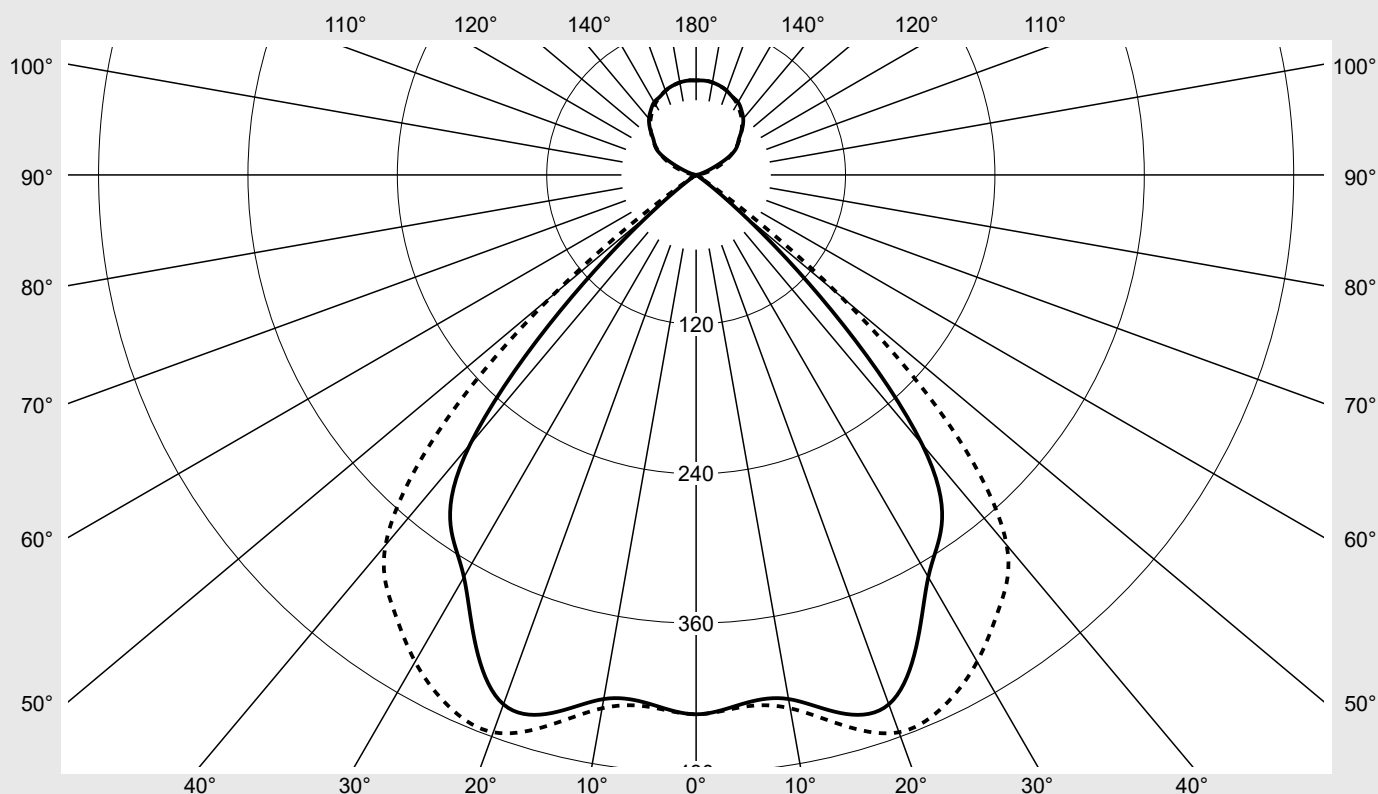
sITeco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 476 cd/klm



Klassifizierungen

DIN 5040 B 6 3
CIE N1=81 N2=100 N3=100
N4=79 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 79,5%
 ϕ_o 20,5%

Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie ARKTIKA-P LED	Bestell-Nr.: 5MB2512L30830 EAN: 4052899488793	LP-Nummer 57553_11
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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°	433.2	433.2	433.2	433.2	433.2	433.2	433.2	2.6	2.6
5°	426.5	426.5	425.6	424.9	426.0	427.6	428.9	20.4	23.0
10°	427.5	430.0	429.8	426.0	426.2	431.8	435.0	40.8	63.8
15°	447.4	451.3	453.4	445.5	441.3	450.6	457.8	63.7	127.5
20°	452.5	460.9	467.2	454.3	449.2	462.2	476.4	86.2	213.7
25°	418.3	437.4	458.1	443.9	433.1	453.2	470.7	103.1	316.8
30°	373.0	397.8	433.1	420.3	405.2	426.2	451.4	114.0	430.8
35°	343.8	363.2	401.3	393.2	375.2	394.5	424.5	121.1	551.9
40°	282.3	305.4	358.1	342.0	310.9	340.1	388.1	117.0	668.8
45°	154.3	174.8	244.7	219.6	179.2	221.3	295.4	81.7	750.5
50°	46.0	61.9	112.4	83.5	55.1	89.1	150.3	35.0	785.5
55°	5.8	7.4	20.8	13.9	7.5	12.1	21.8	5.7	791.2
60°	5.2	2.7	2.7	3.0	6.0	3.0	2.7	1.7	792.9
65°	1.4	1.4	1.2	1.4	1.5	1.4	1.3	0.7	793.5
70°	0.9	0.9	0.8	1.0	1.1	1.0	0.9	0.5	794.0
75°	0.6	0.6	0.6	0.7	0.8	0.7	0.7	0.3	794.4
80°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.2	794.6
85°	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.2	794.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	794.8
95°	0.6	0.6	0.7	1.0	1.3	1.4	1.2	0.5	795.3
100°	1.7	1.8	2.3	3.2	4.2	4.4	4.1	1.7	797.0
105°	4.0	4.5	5.6	7.7	9.2	9.9	9.9	3.9	800.9
110°	9.4	9.9	12.4	15.0	16.3	17.3	17.3	7.2	808.1
115°	19.2	20.5	22.7	23.6	24.4	25.0	25.3	11.5	819.6
120°	32.5	32.4	32.1	30.8	32.6	32.1	32.7	15.2	834.8
125°	40.2	39.3	37.8	38.7	39.3	39.0	39.6	17.5	852.3
130°	44.9	44.7	45.1	46.2	45.5	45.6	45.9	19.1	871.4
135°	52.3	52.1	52.4	51.7	51.4	51.3	51.8	20.1	891.5
140°	58.9	58.2	57.5	57.0	56.6	56.5	57.1	20.2	911.7
145°	63.4	62.9	62.2	61.6	60.9	61.1	61.6	19.4	931.1
150°	67.4	66.7	65.6	64.6	65.1	65.4	65.8	18.0	949.1
155°	69.2	68.5	68.0	68.2	68.6	68.9	69.2	15.9	965.0
160°	72.0	71.4	71.0	71.1	71.3	71.7	71.9	13.4	978.4
165°	74.0	73.5	73.1	73.2	73.4	73.8	74.0	10.4	988.8
170°	75.4	74.8	74.4	74.6	74.9	75.2	75.4	7.1	995.9
175°	76.0	75.6	75.2	75.4	75.7	76.1	76.3	3.6	999.5
180°	75.9	75.9	75.9	75.9	75.9	75.9	75.9	0.5	1000.0

Lichttechnischer Prüfbefund

Familie ARKTIKA-P LED	Bestell-Nr.: 5MB2512L30830 EAN: 4052899488793	LP-Nummer 57553_11
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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	18,6	19,7	19,3	20,3	21,1	19,2	20,2	19,8	20,9	21,6
	3H	18,4	19,3	19,1	20,0	20,8	19,0	19,9	19,6	20,5	21,3
	4H	18,3	19,2	19,0	19,9	20,7	18,9	19,7	19,6	20,4	21,2
	6H	18,3	19,0	19,0	19,7	20,5	18,8	19,6	19,5	20,3	21,1
	8H	18,2	18,9	18,9	19,6	20,4	18,7	19,4	19,5	20,1	21,0
	12H	18,1	18,8	18,9	19,5	20,4	18,7	19,3	19,4	20,0	20,9
4H	2H	18,3	19,2	19,0	19,9	20,7	18,9	19,7	19,6	20,4	21,2
	3H	18,1	18,8	18,9	19,6	20,4	18,7	19,4	19,4	20,1	20,9
	4H	18,0	18,7	18,8	19,4	20,2	18,6	19,2	19,3	19,9	20,8
	6H	17,9	18,5	18,7	19,2	20,1	18,5	19,0	19,2	19,8	20,6
	8H	17,8	18,3	18,6	19,1	20,0	18,4	18,9	19,2	19,6	20,5
	12H	17,8	18,2	18,6	19,0	19,9	18,4	18,8	19,2	19,6	20,5
8H	4H	17,9	18,3	18,6	19,1	20,0	18,4	18,9	19,2	19,6	20,5
	6H	17,7	18,1	18,5	18,9	19,8	18,3	18,7	19,0	19,4	20,4
	8H	17,7	18,0	18,5	18,8	19,7	18,2	18,6	19,0	19,4	20,3
	12H	17,6	17,9	18,4	18,7	19,7	18,2	18,5	19,0	19,3	20,2
12H	4H	17,8	18,2	18,6	19,0	19,9	18,4	18,8	19,1	19,6	20,5
	6H	17,7	18,0	18,5	18,8	19,8	18,3	18,6	19,1	19,4	20,3
	8H	17,6	17,9	18,5	18,7	19,7	18,2	18,5	19,0	19,3	20,2

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1050 B = 39
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C- Ebenen	γ	Leuchtdichte in cd/m ²							
		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°	19558.5	22159.8	31009.0	27827.0	22709.7	28045.6	37439.6		
50°	6412.8	8631.9	15666.5	11635.3	7684.8	12421.6	20949.9		
55°	907.5	1155.0	3253.1	2179.4	1173.9	1890.8	3406.9		
60°	937.3	486.6	483.1	536.3	1078.5	539.9	492.7		
65°	302.8	290.1	257.2	294.3	318.7	298.6	282.9		
70°	243.7	240.0	217.2	254.2	279.1	254.2	247.1		
75°	200.5	202.9	193.6	233.4	261.4	242.7	242.7		
80°	180.6	180.6	187.9	232.8	274.6	264.2	271.5		
85°	207.7	249.9	291.0	367.1	457.6	443.2	359.9		

Lichttechnischer Prüfbefund

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Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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