

## Lichttechnischer Prüfbefund

Familie  
Linear Office VEGA®

Bestell-Nr.: 5MN238DLE + 5MN91401  
EAN: 4050737964188 + 4050737754987

LP-Nummer  
56404\_2



**Ausführung** Anbauleuchte, Prismen-Lichtleiter, 100%  
Passepartout, direkt strahlend

**Bestückung** 1 x LED 4000K / CRI ≥ 80  
(unbekannt LED 4000K / CRI = 83)

**Betriebsgerät** EVG-DALI

**Bemessungswerte** Nettolichtstrom = 7910 lm  
Systemleistung = 62.0 W  
Lichtausbeute = 127.6 lm/W

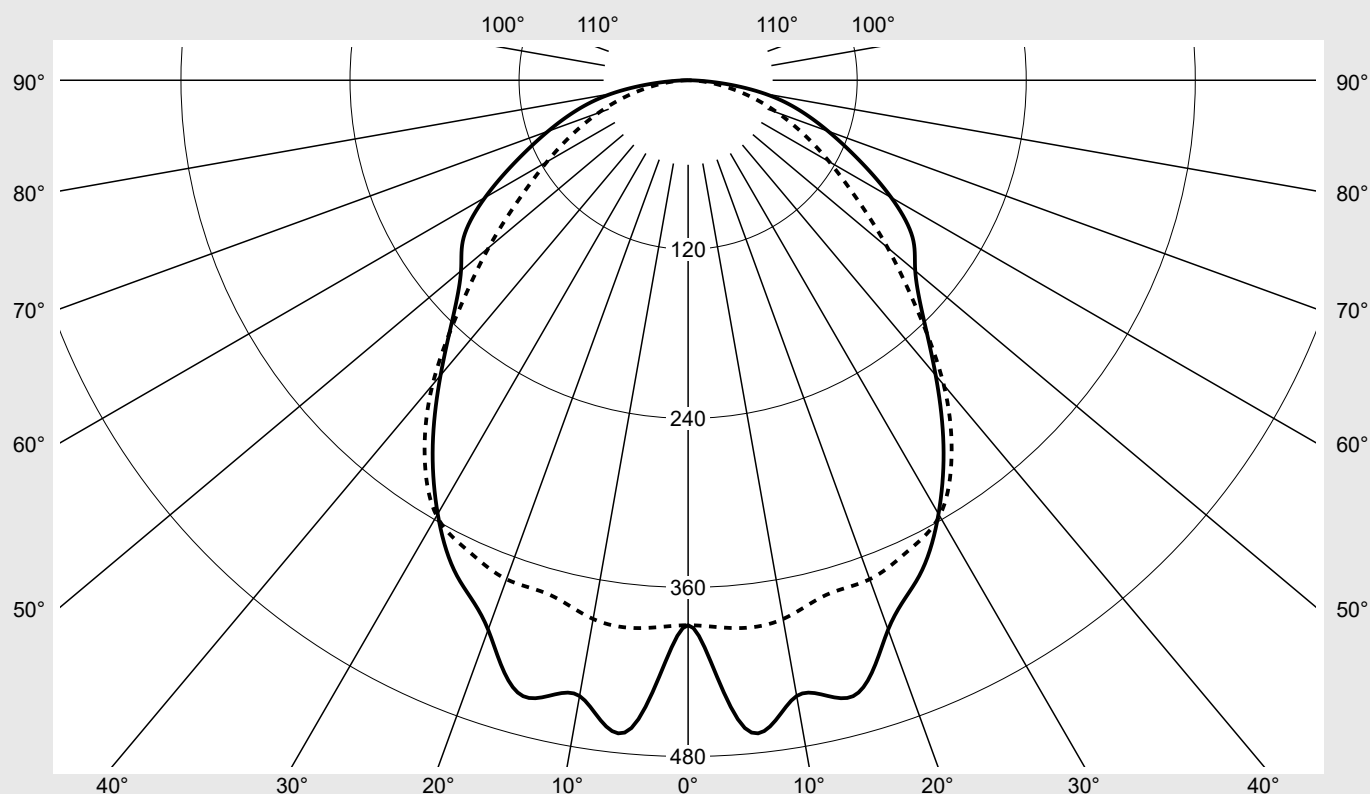
Seriendokumentation  
23.10.2015

siteco

Lichtstärke in cd/klm

C180-0 C270-90

Imax: 467 cd/klm



## Klassifizierungen

DIN 5040 A 4 0  
CIE N1=54 N2=82 N3=96  
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								Lichtstrom in lm/klm	
γ									
0°	386.8	386.8	386.8	386.8	386.8	386.8	386.8	2.3	2.3
5°	461.5	461.5	461.5	461.5	461.5	381.0	390.4	21.1	23.4
10°	443.8	437.9	432.9	446.3	467.4	428.3	388.3	41.7	65.1
15°	452.6	449.2	439.8	423.2	442.6	433.2	378.2	61.6	126.7
20°	415.0	411.0	408.2	404.7	404.8	433.1	376.9	76.8	203.5
25°	388.2	380.5	367.1	362.4	367.8	402.6	368.8	87.2	290.7
30°	355.5	345.4	333.6	317.4	310.7	360.6	357.0	92.4	383.2
35°	316.0	305.8	289.3	279.6	259.0	314.3	326.0	92.7	475.8
40°	273.4	262.9	250.7	236.6	216.5	258.3	282.3	88.3	564.1
45°	235.5	226.1	210.9	196.5	181.8	207.9	229.6	81.1	645.2
50°	210.4	203.1	181.3	164.6	153.9	170.2	184.8	74.9	720.2
55°	194.5	184.5	158.1	135.8	130.8	140.3	145.8	68.8	789.0
60°	166.4	157.1	131.9	111.3	109.6	116.7	115.7	60.7	849.7
65°	133.7	127.5	106.3	88.5	90.0	95.0	90.5	51.3	901.0
70°	105.8	98.2	81.0	67.0	69.7	72.9	67.8	40.8	941.8
75°	81.5	72.6	57.9	46.6	49.7	51.7	47.1	30.3	972.1
80°	55.5	48.5	36.3	28.2	30.2	30.7	27.7	19.4	991.4
85°	23.2	20.4	15.9	12.8	13.9	13.4	11.8	8.5	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

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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	18,4	20,0	18,7	20,3	20,6	16,9	18,5	17,3	18,9	19,2
	3H	20,2	21,6	20,5	22,0	22,3	18,3	19,8	18,7	20,2	20,5
	4H	21,0	22,4	21,4	22,7	23,1	19,0	20,3	19,3	20,7	21,0
	6H	21,8	23,0	22,2	23,4	23,8	19,4	20,6	19,8	21,0	21,4
	8H	22,1	23,2	22,5	23,6	24,0	19,6	20,7	20,0	21,1	21,5
	12H	22,3	23,4	22,7	23,7	24,2	19,6	20,7	20,1	21,1	21,6
4H	2H	18,8	20,1	19,1	20,5	20,8	17,6	19,0	18,0	19,3	19,7
	3H	20,7	21,9	21,2	22,3	22,7	19,2	20,4	19,7	20,8	21,2
	4H	21,7	22,8	22,2	23,2	23,6	20,0	21,0	20,4	21,4	21,8
	6H	22,6	23,5	23,1	24,0	24,4	20,5	21,4	21,0	21,9	22,3
	8H	23,0	23,8	23,5	24,3	24,7	20,7	21,5	21,2	22,0	22,5
	12H	23,3	24,0	23,8	24,4	24,9	20,9	21,6	21,3	22,0	22,5
8H	4H	21,9	22,7	22,3	23,2	23,6	20,3	21,1	20,8	21,6	22,0
	6H	22,9	23,6	23,4	24,0	24,5	21,0	21,7	21,5	22,1	22,6
	8H	23,3	23,9	23,8	24,4	24,9	21,2	21,8	21,7	22,3	22,8
	12H	23,7	24,2	24,2	24,7	25,2	21,5	22,0	22,0	22,5	23,0
12H	4H	21,9	22,6	22,4	23,1	23,6	20,4	21,1	20,9	21,5	22,0
	6H	22,9	23,5	23,4	24,0	24,5	21,1	21,7	21,6	22,1	22,7
	8H	23,4	23,9	23,9	24,4	24,9	21,4	21,9	21,9	22,4	22,9

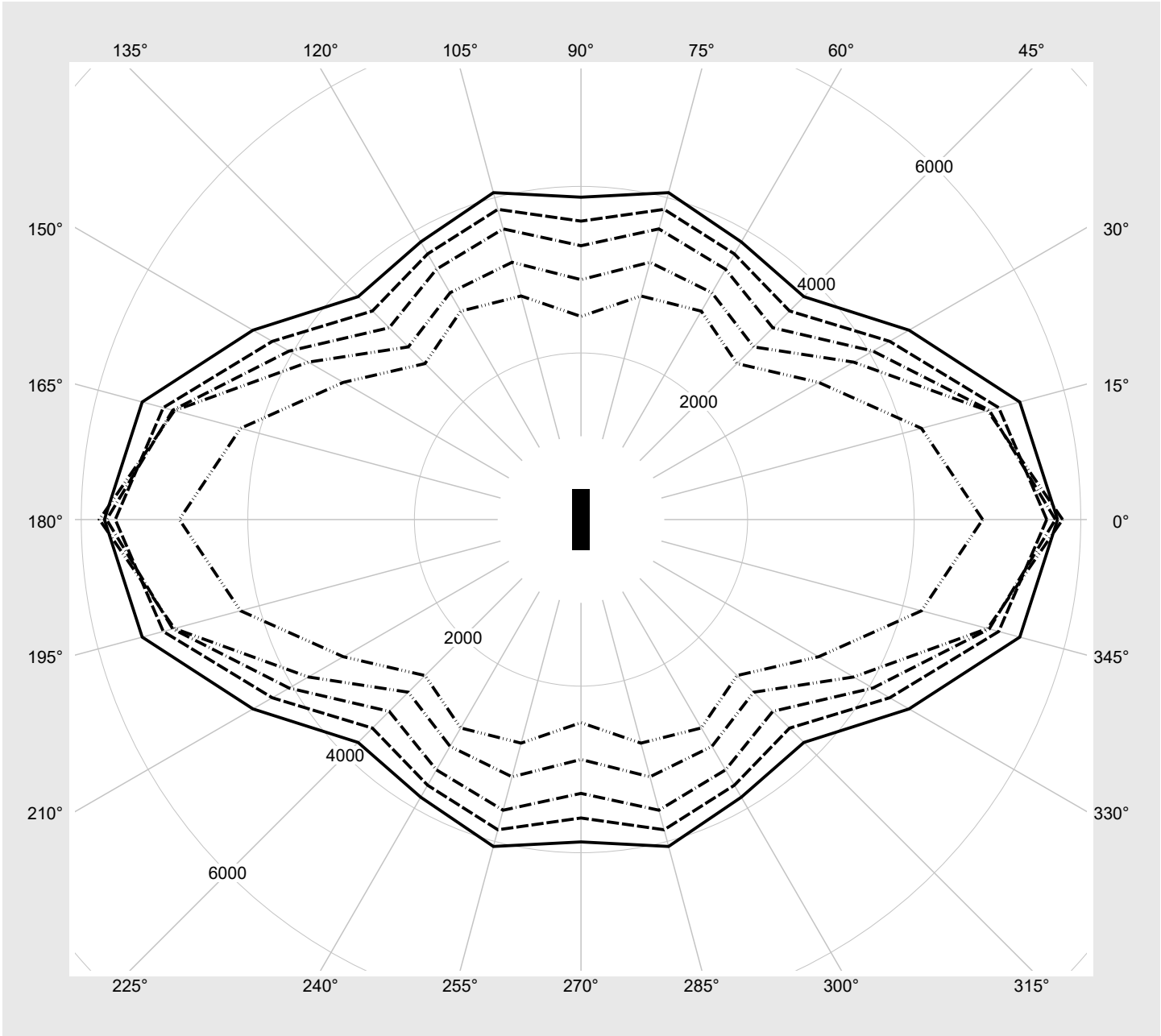
<b>Leuchtdichten-Tabelle</b> Max. für $\gamma \geq 65^\circ$	<b>Lichttechnische Abmessungen in mm:</b> L = 1250 B = 350
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C- Ebenen	$\gamma$	Leuchtdichte in cd/m <sup>2</sup>							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°	6022.0	5781.2	5393.5	5023.4	4649.6	5316.2	5870.0		
50°	5919.2	5712.9	5098.1	4629.7	4328.6	4787.2	5197.1		
55°	6130.4	5816.4	4982.4	4281.1	4122.9	4423.2	4595.0		
60°	6018.1	5679.0	4769.5	4023.1	3964.0	4218.2	4182.3		
65°	5721.6	5453.7	4547.5	3784.6	3849.0	4063.4	3870.4		
70°	5591.3	5191.8	4279.5	3541.5	3683.0	3855.9	3583.1		
75°	5695.8	5073.9	4046.3	3256.5	3470.5	3612.8	3287.7		
80°	5782.0	5053.6	3780.0	2931.7	3144.3	3197.9	2880.6		
85°	4822.5	4231.9	3294.2	2648.7	2889.1	2779.1	2438.5		

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



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<b>Dimmstufen-Tabelle</b>		<b>sITeco</b>
Umgebungstemperatur: 25°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	7910	62.0
95	240	252	7515	58.4
90	228	250	7119	55.2
85	215	248	6724	52.0
80	201	246	6328	48.7
75	188	243	5933	45.4
70	175	240	5537	42.0
65	162	238	5142	39.1
60	149	235	4746	36.1
55	137	232	4351	33.3
50	124	228	3955	30.4
45	111	224	3560	27.3
40	99	220	3164	24.2
35	86	215	2769	21.5
30	73	209	2373	18.5
25	61	202	1978	15.9
20	48	194	1582	13.2
15	36	183	1187	10.3
10	24	168	791	7.7
5	12	143	396	5.0