Lichttechnischer Prüfbefund

Familie
DL 11 iQ

Bestell-Nr.: 5XA5575EU14HP00022 + 5XA54000XBS
EAN: 4069025027221 + 4050737971445

LP-Nummer
59424_98

Seriendokumentation
18.03.2024

Ausführung	Mastaufsatz- oder Montage am Wandausleger, Abschirmung hausseitig, Smart Interface unten
Optik	asymmetrisch, breit strahlend (ST1.2a)
Abdeckung	Abdeckung klar, PMMA
Bestückung	LED 3000 K | CRI ≥ 70
Betriebsgerät	EVG SITECO iQ - Smart Interface
Bemessungswerte	Nettolichtstrom = 4780 lm Systemleistung = 33.5 W Lichtausbeute = 142.7 lm/W

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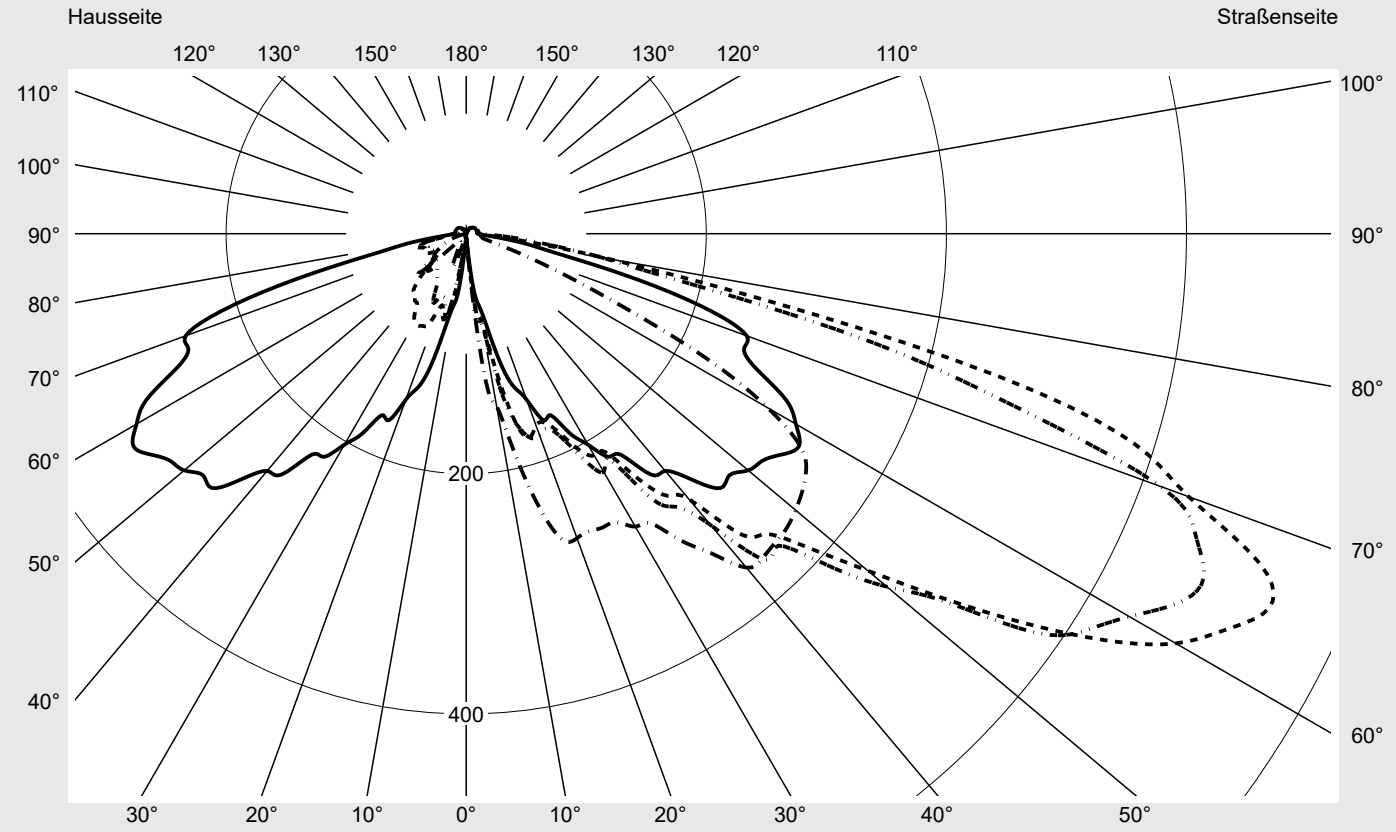
Lichtstärke in cd/klm

C180-0 | C205-25 | C210-30 | C270-90

Imax: 738 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	95.9%
Eta 90° - 180°	4.1%

Lichtstärkeklasse nach EN13201-2

Klasse:	G2
Imax 70°	640.5
Imax 80°	145.0
Imax 90°	10.9
Imax >90°	10.7
Imax >95°	10.6

Messbedingungen

DIN EN 13032 und DIN 5032

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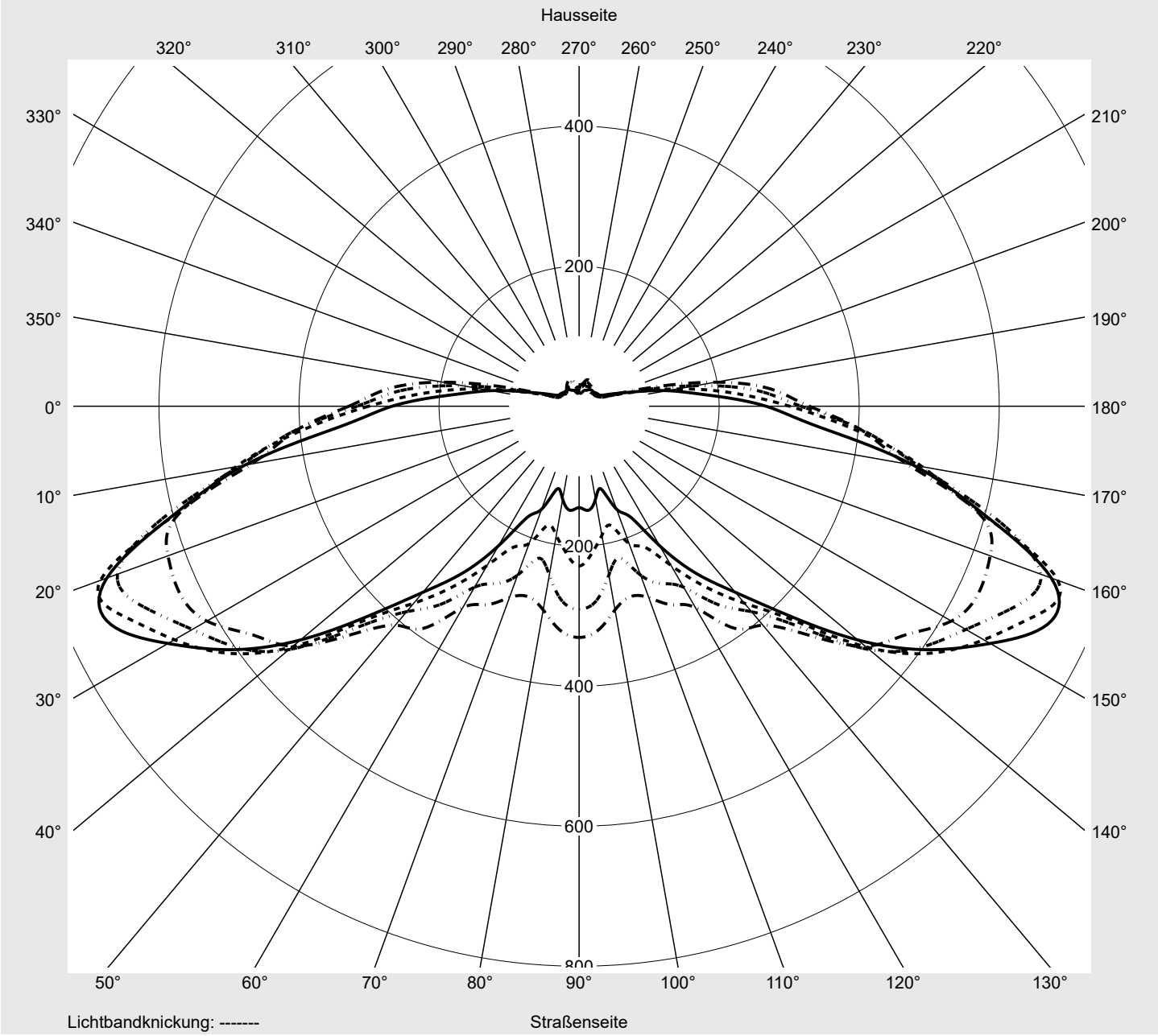
Kegelmantelkurven in cd/klm KMK 65° KMK 62,5° KMK 60° KMK 57,5°



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Wertetabelle Lichtstärkemessung

Maximale Lichtstärke

C-Ebenen	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°
γ						Lichtstärke in cd/klm							
0,0°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
2,5°	4.6	4.8	4.8	5.1	5.5	5.5	5.8	6.0	6.1	6.3	6.4	6.6	6.8
5,0°	10.1	11.7	13.1	14.5	16.5	19.0	23.1	27.6	30.1	31.7	32.7	33.2	33.2
7,5°	45.8	52.7	59.7	65.0	69.6	70.3	69.8	67.6	68.4	68.9	71.8	76.2	84.0
10,0°	60.8	66.5	68.3	71.3	73.4	73.9	77.2	83.0	91.9	106.3	117.1	124.2	130.1
12,5°	78.7	83.8	88.6	94.2	104.3	121.5	134.7	155.2	160.9	155.4	153.1	153.6	162.4
15,0°	113.9	117.7	136.9	148.0	162.0	166.8	165.5	169.0	172.8	176.4	176.2	179.7	187.8
17,5°	134.6	148.1	165.5	173.8	170.8	177.6	178.4	184.7	187.2	192.3	188.5	196.9	200.7
20,0°	147.1	154.1	160.7	167.8	171.6	170.0	178.2	176.6	180.5	185.5	189.8	197.7	204.4
22,5°	168.1	178.7	179.9	173.3	167.5	170.3	175.4	181.4	183.9	191.3	196.3	207.8	216.8
25,0°	166.8	174.4	185.3	189.3	190.6	182.5	187.0	192.8	203.2	211.1	211.8	225.5	237.8
27,5°	187.8	203.9	197.9	195.4	201.2	202.5	211.5	216.8	220.7	231.0	237.4	246.3	256.8
30,0°	202.9	208.0	213.1	210.8	210.6	213.3	229.2	243.5	246.2	255.6	261.4	278.3	282.9
32,5°	220.4	218.6	215.8	217.9	215.1	215.6	222.9	239.2	258.9	277.3	282.1	295.0	298.6
35,0°	224.9	232.8	240.4	234.4	238.6	248.3	269.5	285.4	297.1	316.0	318.4	322.7	332.0
37,5°	253.0	255.6	248.3	254.9	264.2	275.1	286.7	300.4	321.2	337.0	347.0	347.9	358.6
40,0°	257.9	266.5	264.5	258.4	270.2	288.7	316.9	334.1	351.0	363.1	373.8	376.0	384.9
42,5°	277.6	283.4	299.6	295.3	316.1	340.1	368.5	387.2	390.0	404.6	408.5	402.8	398.5
45,0°	299.6	295.1	307.7	303.2	319.8	353.7	367.5	396.3	416.6	428.5	437.5	418.3	416.8
47,5°	297.6	298.6	316.8	330.8	351.5	387.5	409.4	435.3	438.1	439.0	444.1	428.2	428.1
50,0°	306.7	329.2	361.4	387.7	387.9	436.6	457.5	468.9	451.9	444.9	439.0	428.2	414.2
52,5°	310.8	357.1	388.5	464.3	460.5	497.2	503.6	507.2	481.5	460.8	443.4	426.7	396.6
55,0°	320.7	386.4	418.0	524.6	542.5	564.1	579.5	539.5	517.8	470.9	432.4	414.8	357.5
57,5°	328.9	407.2	475.3	591.1	624.8	629.9	613.9	569.4	533.4	461.9	408.4	387.4	332.3
60,0°	317.1	409.4	493.0	614.1	701.7	682.5	637.9	599.3	541.0	446.1	383.2	345.9	298.6
62,5°	300.7	398.1	497.5	596.4	727.6	713.9	667.3	614.9	534.9	432.4	367.4	315.1	262.7
65,0°	267.0	345.2	484.8	599.3	717.7	737.9	677.9	606.4	519.5	422.6	347.0	291.7	230.3
67,5°	250.5	302.1	436.5	557.7	691.6	714.2	657.9	590.9	492.9	388.7	325.9	263.5	194.3
70,0°	248.7	318.9	435.5	549.7	628.9	640.5	615.9	523.1	429.7	354.1	292.6	230.1	166.8
72,5°	213.3	322.6	378.3	517.5	586.3	585.0	481.0	436.0	346.9	275.0	219.7	176.9	141.0
75,0°	148.1	253.8	327.0	444.8	468.9	459.1	351.8	304.2	217.7	181.2	171.1	158.6	130.0
77,5°	82.5	141.9	210.5	281.2	307.0	254.5	186.0	162.2	138.2	122.3	123.0	120.7	110.9
80,0°	54.2	73.1	104.8	127.3	145.0	120.2	115.4	123.7	96.6	68.0	51.4	41.5	50.3
82,5°	31.6	38.4	43.5	55.6	62.3	52.2	68.0	87.5	70.1	45.3	24.8	19.5	15.0
85,0°	17.5	18.4	16.5	16.0	15.0	20.0	41.5	50.4	36.9	22.5	15.7	13.9	11.9
87,5°	12.2	11.9	12.2	12.2	13.1	15.4	19.2	21.8	15.7	12.1	12.1	11.2	11.1
90,0°	9.4	9.8	10.1	10.4	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6
92,5°	9.4	9.8	10.1	10.3	10.4	10.4	10.6	10.7	10.7	10.7	10.6	10.6	10.4
95,0°	9.4	9.6	10.1	10.3	10.4	10.4	10.4	10.4	10.6	10.6	10.6	10.4	10.4
97,5°	9.3	9.4	9.9	10.1	10.4	10.4	10.4	10.4	10.6	10.4	10.4	10.4	10.4
100,0°	9.4	9.4	9.8	10.1	10.1	10.4	10.4	10.4	10.6	10.4	10.4	10.4	10.4
102,5°	9.1	9.4	9.8	9.8	10.1	10.1	10.4	10.4	10.4	10.4	10.4	10.3	10.3
105,0°	9.1	9.4	9.4	9.8	10.1	10.1	10.1	10.3	10.3	10.3	10.3	10.3	10.3
107,5°	8.9	9.3	9.3	9.6	9.8	9.9	10.1	10.1	10.1	10.3	10.1	10.1	10.1
110,0°	8.9	9.1	9.3	9.4	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9
112,5°	8.8	9.1	9.1	9.3	9.4	9.6	9.6	9.8	9.9	9.8	9.9	9.9	9.9

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Wertetabelle Lichtstärkemessung

Maximale Lichtstärke

C-Ebenen	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
γ						Lichtstärke in cd/klm							
0,0°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
2,5°	6.9	7.1	7.3	7.1	7.3	6.9	4.5	4.3	4.1	4.1	4.1	4.0	4.0
5,0°	32.6	31.4	29.4	28.6	27.3	26.8	8.9	8.3	7.3	6.4	6.0	5.5	5.3
7,5°	94.6	106.3	108.3	112.3	121.9	122.7	37.9	29.3	21.2	15.4	11.1	7.9	6.4
10,0°	137.2	136.7	141.7	140.0	142.7	145.5	63.8	65.8	64.8	56.4	42.2	27.8	17.4
12,5°	172.3	182.7	187.0	186.5	188.8	188.2	74.6	70.4	67.0	65.1	64.3	66.5	60.0
15,0°	200.6	214.6	224.7	231.5	235.8	236.8	101.7	95.2	83.5	77.9	73.9	68.6	59.0
17,5°	209.5	223.0	238.9	252.1	260.4	267.5	111.3	98.5	85.8	72.6	64.5	57.5	51.1
20,0°	217.4	232.0	247.0	258.4	266.9	269.8	133.8	123.0	100.2	81.5	66.6	56.0	43.8
22,5°	224.7	231.6	245.7	257.9	265.7	268.2	164.2	138.7	121.5	105.6	81.5	56.4	38.2
25,0°	247.0	250.0	259.2	265.7	269.8	269.8	163.2	144.7	125.7	105.6	84.8	63.7	40.8
27,5°	267.8	273.5	274.5	275.3	271.5	270.8	182.7	162.0	134.6	103.8	86.3	57.5	34.9
30,0°	293.0	289.0	281.7	282.4	278.8	281.7	194.4	169.0	139.9	115.7	85.1	48.4	31.2
32,5°	312.0	305.9	294.0	290.0	290.0	286.0	210.8	188.0	148.8	113.1	80.2	45.0	28.8
35,0°	328.2	323.4	312.0	309.5	309.3	312.2	206.8	187.5	148.5	111.9	71.3	41.8	27.6
37,5°	358.1	357.5	344.7	333.6	336.6	335.6	240.2	210.1	165.8	126.2	70.3	40.2	29.4
40,0°	388.2	379.1	350.5	343.7	357.0	363.1	248.8	215.3	165.8	121.4	65.8	37.5	31.2
42,5°	404.4	385.9	355.8	357.3	365.4	366.1	262.2	214.9	161.9	113.4	65.1	37.4	33.7
45,0°	415.3	386.9	352.2	357.5	365.1	364.1	293.6	237.1	169.3	107.1	58.5	43.5	42.0
47,5°	415.0	375.3	352.0	359.6	365.2	362.4	286.9	226.7	153.3	94.6	48.8	43.5	37.7
50,0°	407.1	361.4	342.9	353.0	360.9	358.1	287.7	227.5	147.0	81.2	38.5	36.2	31.6
52,5°	384.2	347.5	334.1	341.9	351.5	352.8	286.0	224.4	133.3	67.6	34.4	31.4	28.1
55,0°	347.9	326.0	318.9	326.2	342.6	345.5	289.0	221.7	117.4	58.7	33.7	29.3	26.3
57,5°	313.0	291.0	281.7	295.5	320.6	330.3	276.4	197.9	98.9	43.5	31.4	28.4	27.1
60,0°	279.6	256.8	224.9	244.9	279.3	290.0	255.8	168.6	83.3	39.4	30.8	28.6	28.8
62,5°	222.4	208.7	176.6	187.3	210.6	228.2	219.1	142.5	74.7	45.8	35.2	30.1	29.8
65,0°	175.3	156.6	122.7	134.9	149.3	144.8	184.0	128.0	78.5	52.2	37.4	32.7	31.6
67,5°	141.4	108.3	73.1	82.3	88.8	85.6	177.7	119.4	75.6	48.3	37.7	34.7	34.4
70,0°	117.2	81.2	41.8	38.0	40.8	46.0	171.5	117.9	75.1	44.5	36.0	33.7	35.2
72,5°	94.6	50.4	26.1	20.3	19.2	20.8	152.6	110.3	68.3	42.2	38.5	35.7	36.9
75,0°	74.9	25.1	18.4	15.2	14.7	14.2	107.1	81.8	60.8	42.5	42.3	39.4	37.4
77,5°	43.3	18.2	14.7	13.2	13.2	13.2	62.5	56.5	52.4	39.2	37.9	35.7	25.5
80,0°	17.0	13.9	12.9	12.6	12.6	12.6	47.3	46.1	40.8	33.1	30.6	26.1	16.2
82,5°	13.1	12.1	12.1	11.9	12.1	11.9	30.8	29.9	28.3	23.5	20.0	16.4	13.6
85,0°	11.6	11.4	11.4	11.6	11.6	11.6	17.2	18.2	19.8	21.0	18.8	16.2	12.2
87,5°	10.9	10.7	10.9	10.9	10.9	10.9	12.6	13.6	14.7	15.0	14.1	12.6	11.1
90,0°	10.6	10.7	10.9	10.7	10.7	10.6	9.3	8.9	8.6	7.9	7.6	7.1	6.6
92,5°	10.6	10.6	10.6	10.6	10.6	10.6	9.1	8.6	8.3	7.9	7.3	6.9	6.4
95,0°	10.6	10.6	10.6	10.6	10.6	10.6	9.1	8.6	8.3	7.9	7.3	6.9	6.4
97,5°	10.4	10.6	10.6	10.6	10.6	10.6	9.1	8.6	8.3	7.8	7.3	6.8	6.4
100,0°	10.3	10.4	10.6	10.6	10.6	10.6	9.1	8.6	8.3	7.8	7.3	6.8	6.4
102,5°	10.3	10.4	10.6	10.6	10.6	10.6	8.9	8.6	8.1	7.8	7.4	6.8	6.4
105,0°	10.3	10.3	10.4	10.6	10.6	10.6	8.8	8.6	8.1	7.8	7.3	6.8	6.4
107,5°	10.3	10.3	10.3	10.3	10.3	10.3	8.8	8.4	8.1	7.8	7.3	6.8	6.4
110,0°	9.9	9.9	10.1	10.3	10.3	10.3	8.8	8.4	8.1	7.8	7.1	6.8	6.4
112,5°	9.9	9.9	9.9	9.9	9.9	9.9	8.8	8.4	8.1	7.8	7.1	6.8	6.4

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Wertetabelle Lichtstärkemessung

Maximale Lichtstärke

C-Ebenen	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
0,0°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	0.0	0.0
2,5°	4.1	4.0	4.1	4.3	4.6	5.0	5.1	5.0	5.0	5.0	5.0	0.1	0.1
5,0°	4.8	4.5	4.3	4.1	4.0	3.8	3.8	3.6	3.6	3.5	3.6	0.4	0.4
7,5°	5.5	4.6	4.5	4.3	4.0	4.0	4.0	3.8	3.6	3.5	3.6	1.6	2.1
10,0°	12.4	9.1	6.3	5.1	4.3	4.0	4.0	3.8	3.6	4.0	3.6	3.1	5.1
12,5°	44.3	27.1	15.4	7.8	4.6	4.5	5.0	5.3	4.8	4.1	4.0	5.4	10.5
15,0°	53.9	53.2	49.1	40.8	26.1	15.5	7.3	4.3	3.8	3.5	4.0	8.1	18.6
17,5°	44.1	39.4	37.2	35.9	34.7	34.2	28.3	18.5	11.4	6.4	6.0	10.2	28.8
20,0°	33.7	30.9	29.6	27.9	25.8	25.1	25.1	25.6	26.1	21.8	24.8	11.8	40.6
22,5°	28.3	25.1	23.1	21.2	19.8	19.0	20.7	23.6	29.6	26.5	30.1	13.7	54.3
25,0°	30.6	23.6	19.7	18.2	17.0	16.2	22.0	24.5	24.3	19.3	21.5	15.9	70.2
27,5°	28.3	22.3	19.0	17.2	15.5	14.5	16.9	18.5	17.5	14.5	15.2	18.5	88.7
30,0°	27.0	23.0	19.5	17.4	15.9	14.2	13.9	15.7	14.2	12.1	12.6	21.3	110.0
32,5°	25.5	23.0	19.2	17.2	15.4	13.4	11.9	13.4	12.2	10.3	10.3	23.7	133.7
35,0°	25.8	22.5	18.8	17.5	15.4	13.2	11.2	12.1	10.7	9.1	8.9	27.3	161.0
37,5°	24.8	21.8	18.7	17.0	14.9	13.2	10.7	10.4	9.9	8.4	8.3	31.5	192.4
40,0°	28.1	23.0	19.8	16.4	16.0	13.2	10.9	9.9	9.4	8.1	7.9	35.0	227.4
42,5°	30.8	25.5	20.0	19.0	16.7	15.7	11.6	10.4	9.4	7.9	7.9	39.5	267.0
45,0°	32.1	24.3	23.0	23.3	23.3	22.0	20.5	16.7	11.9	8.8	8.3	43.0	309.9
47,5°	32.1	25.6	27.3	32.1	32.9	31.4	28.4	26.6	26.6	18.7	19.8	46.2	356.2
50,0°	27.9	26.1	30.3	35.2	38.7	38.9	38.4	38.9	34.9	37.0	50.3	49.8	406.0
52,5°	26.0	24.5	28.3	34.4	38.5	41.5	43.3	49.1	44.5	38.2	36.7	53.3	459.3
55,0°	25.0	24.1	27.1	35.2	39.4	46.0	45.0	41.5	36.9	33.7	32.4	56.4	515.8
57,5°	26.6	26.1	27.1	31.1	34.9	38.2	39.8	38.5	33.4	31.1	30.8	58.3	574.1
60,0°	26.8	25.5	25.8	28.9	33.2	34.7	36.0	33.9	28.4	27.6	27.4	58.4	632.4
62,5°	28.6	26.3	27.4	28.6	30.8	30.9	30.3	28.3	24.0	23.3	23.5	56.8	689.3
65,0°	30.1	28.9	29.1	28.6	27.3	25.1	24.3	22.2	19.3	18.7	20.2	54.3	743.6
67,5°	33.4	32.6	30.9	28.9	23.0	19.5	19.3	17.9	15.9	15.7	16.9	50.5	794.0
70,0°	37.2	32.6	30.9	28.4	18.4	14.7	15.0	13.7	12.7	12.6	13.6	46.6	840.6
72,5°	39.5	35.7	30.6	16.9	11.1	10.4	11.1	10.6	9.4	9.3	9.6	40.5	881.1
75,0°	32.7	19.2	10.3	8.3	7.4	6.9	6.9	6.4	6.0	5.8	6.0	31.6	912.7
77,5°	14.2	9.8	7.6	6.6	6.0	5.3	5.0	4.6	4.0	3.3	3.3	20.3	933.0
80,0°	11.4	8.9	7.1	6.0	5.3	4.6	4.3	3.6	3.3	3.0	3.0	11.6	944.6
82,5°	11.1	8.3	6.4	5.3	5.0	4.3	4.0	3.5	3.1	2.6	3.0	6.8	951.4
85,0°	9.1	7.3	6.1	5.1	4.6	4.0	3.6	3.3	3.0	2.6	2.6	4.0	955.4
87,5°	8.6	6.6	5.6	5.0	4.3	4.0	3.6	3.3	3.0	2.6	2.6	2.9	958.3
90,0°	6.1	5.6	5.3	4.6	4.3	4.0	3.6	3.1	3.0	2.6	2.6	2.2	960.6
92,5°	6.0	5.6	5.3	4.6	4.3	4.0	3.6	3.1	3.1	2.6	2.6	2.2	962.8
95,0°	6.0	5.6	5.3	4.6	4.3	4.0	3.6	3.1	3.1	2.8	3.0	2.2	965.0
97,5°	6.0	5.6	5.1	4.6	4.3	4.0	3.6	3.1	3.1	2.8	2.6	2.2	967.2
100,0°	6.0	5.6	5.3	4.6	4.3	4.0	3.6	3.3	3.1	2.8	3.0	2.2	969.3
102,5°	6.0	5.6	5.3	4.6	4.3	4.0	3.6	3.3	3.0	2.8	3.0	2.1	971.5
105,0°	6.0	5.6	5.3	4.6	4.3	4.0	3.6	3.3	3.1	2.8	3.0	2.1	973.6
107,5°	6.0	5.6	5.3	4.6	4.3	4.0	3.6	3.3	3.1	2.8	3.0	2.0	975.6
110,0°	6.1	5.6	5.1	4.6	4.3	4.0	3.6	3.3	3.1	2.8	3.0	2.0	977.6
112,5°	6.0	5.5	5.3	4.6	4.3	4.0	3.6	3.3	3.1	3.0	3.0	1.9	979.5

Lichttechnischer Prüfbefund

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Wertetabelle Lichtstärkemessung

Maximale Lichtstärke

C-Ebenen	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°
γ	Lichtstärke in cd/klm												
115,0°	8.8	8.9	9.1	9.3	9.3	9.4	9.4	9.6	9.6	9.6	9.6	9.6	9.6
117,5°	8.8	8.8	8.9	9.1	9.1	9.1	9.3	9.3	9.3	9.4	9.4	9.4	9.4
120,0°	8.6	8.8	8.8	8.9	8.9	8.9	8.9	9.1	9.3	9.3	9.3	9.3	9.3
122,5°	8.4	8.6	8.6	8.6	8.8	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9
125,0°	8.3	8.3	8.4	8.4	8.4	8.4	8.6	8.6	8.6	8.6	8.6	8.6	8.6
127,5°	7.9	7.9	8.1	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.4	8.3
130,0°	7.6	7.6	7.8	7.9	7.9	7.9	7.9	7.9	7.9	8.1	8.1	8.3	8.3
132,5°	7.3	7.3	7.4	7.4	7.6	7.6	7.6	7.6	7.6	7.8	7.8	7.9	7.9
135,0°	6.8	6.9	6.9	7.1	7.1	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.6
137,5°	6.4	6.4	6.6	6.8	6.8	6.8	6.9	6.9	6.9	7.1	7.1	7.3	7.3
140,0°	6.0	6.1	6.3	6.3	6.4	6.4	6.6	6.6	6.6	6.6	6.8	6.8	6.8
142,5°	5.6	5.8	6.0	6.0	6.0	6.1	6.1	6.3	6.3	6.4	6.4	6.4	6.4
145,0°	5.3	5.5	5.5	5.6	5.6	5.8	5.8	6.0	6.0	6.0	6.1	6.1	6.1
147,5°	5.0	5.0	5.0	5.3	5.3	5.3	5.5	5.6	5.6	5.6	5.6	5.8	5.8
150,0°	4.3	4.3	4.6	4.6	4.6	4.8	5.0	5.0	5.0	5.1	5.1	5.3	5.3
152,5°	3.6	3.8	4.0	4.0	4.0	4.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3
155,0°	2.8	3.0	3.0	3.1	3.1	3.3	3.3	3.3	3.5	3.5	3.6	3.6	3.6
157,5°	2.0	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.3	2.3	2.3	2.5
160,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
162,5°	1.5	1.5	1.5	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
165,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
167,5°	1.3	1.3	1.3	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
170,0°	1.2	1.3	1.2	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3
172,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lichttechnischer Prüfbefund

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Wertetabelle Lichtstärkemessung

Maximale Lichtstärke

C-Ebenen	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
γ						Lichtstärke in cd/klm							
115,0°	9.6	9.6	9.8	9.8	9.9	9.6	8.6	8.3	8.1	7.6	7.3	6.8	6.4
117,5°	9.4	9.6	9.6	9.4	9.6	9.6	8.6	8.3	8.1	7.6	7.3	6.8	6.4
120,0°	9.3	9.3	9.3	9.3	9.3	9.3	8.4	8.1	7.9	7.6	7.3	6.8	6.4
122,5°	8.9	8.9	8.9	8.9	8.9	8.9	8.3	7.9	7.8	7.4	7.1	6.8	6.4
125,0°	8.6	8.8	8.8	8.6	8.9	8.6	7.9	7.8	7.6	7.3	7.1	6.6	6.3
127,5°	8.4	8.6	8.6	8.6	8.6	8.6	7.8	7.6	7.3	7.1	6.8	6.4	6.1
130,0°	8.3	8.3	8.3	8.3	8.3	8.3	7.4	7.3	7.1	6.8	6.4	6.1	6.0
132,5°	7.9	7.9	7.9	7.9	7.9	7.9	6.9	6.9	6.6	6.6	6.3	6.0	5.6
135,0°	7.6	7.6	7.6	7.6	7.6	7.6	6.6	6.4	6.3	6.1	6.0	5.6	5.5
137,5°	7.3	7.3	7.3	7.3	7.3	7.3	6.3	6.1	6.0	5.6	5.5	5.3	5.1
140,0°	6.9	6.9	6.9	6.9	6.9	6.9	6.0	5.6	5.6	5.5	5.1	5.0	4.8
142,5°	6.6	6.6	6.6	6.6	6.6	6.6	5.6	5.5	5.3	5.1	5.0	4.6	4.6
145,0°	6.3	6.3	6.3	6.3	6.3	6.3	5.3	5.1	5.0	4.8	4.6	4.5	4.3
147,5°	6.0	6.0	6.0	6.0	6.0	6.0	4.6	4.6	4.5	4.3	4.3	4.0	4.0
150,0°	5.3	5.3	5.3	5.3	5.3	5.3	4.3	4.1	4.0	4.0	3.6	3.6	3.5
152,5°	4.6	4.6	4.6	4.6	4.6	4.6	3.6	3.6	3.3	3.3	3.0	3.0	3.0
155,0°	3.6	3.6	3.6	3.6	3.6	3.6	2.8	2.6	2.6	2.5	2.3	2.3	2.3
157,5°	2.6	2.6	2.6	2.6	2.6	2.6	2.0	2.0	2.0	2.0	2.0	1.8	1.8
160,0°	1.7	1.8	1.7	1.8	1.7	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
162,5°	1.3	1.3	1.3	1.3	1.3	1.7	1.5	1.3	1.3	1.3	1.3	1.3	1.3
165,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
167,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
170,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
172,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lichttechnischer Prüfbefund

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Wertetabelle Lichtstärkemessung

Maximale Lichtstärke

C-Ebenen	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
115,0°	6.0	5.6	5.3	4.8	4.3	4.0	3.6	3.6	3.3	3.0	3.0	1.9	981.4
117,5°	6.0	5.6	5.3	4.6	4.3	4.0	3.8	3.6	3.3	3.0	3.0	1.8	983.2
120,0°	6.1	5.6	5.3	4.6	4.3	4.0	3.6	3.6	3.3	3.0	3.0	1.8	985.0
122,5°	5.8	5.5	5.0	4.6	4.3	4.0	3.6	3.5	3.3	3.0	3.0	1.7	986.7
125,0°	5.8	5.5	5.0	4.6	4.3	4.0	3.6	3.3	3.3	3.0	3.0	1.6	988.2
127,5°	5.8	5.5	5.0	4.5	4.3	4.0	3.6	3.3	3.1	3.0	3.0	1.5	989.7
130,0°	5.5	5.1	4.8	4.5	4.1	4.0	3.6	3.3	3.3	3.0	3.0	1.4	991.1
132,5°	5.5	5.0	4.6	4.3	4.0	3.6	3.6	3.3	3.1	3.0	3.0	1.3	992.4
135,0°	5.1	4.8	4.5	4.1	4.0	3.6	3.3	3.3	3.1	3.0	3.0	1.2	993.6
137,5°	4.8	4.5	4.3	4.0	3.6	3.6	3.3	3.1	3.0	2.8	2.6	1.1	994.6
140,0°	4.6	4.5	4.1	4.0	3.6	3.3	3.3	3.1	3.0	2.8	2.6	1.0	995.6
142,5°	4.5	4.1	4.0	3.8	3.6	3.3	3.3	3.1	3.0	2.8	2.6	0.9	996.5
145,0°	4.1	4.0	4.0	3.6	3.5	3.3	3.1	3.0	2.8	2.8	2.6	0.8	997.3
147,5°	3.8	3.6	3.6	3.3	3.1	3.0	3.0	2.8	2.6	2.6	2.6	0.7	998.0
150,0°	3.3	3.3	3.0	3.0	2.8	2.6	2.6	2.5	2.3	2.3	2.3	0.6	998.5
152,5°	2.6	2.6	2.6	2.3	2.3	2.3	2.3	2.0	2.0	2.0	2.0	0.4	999.0
155,0°	2.3	2.1	2.0	2.0	2.0	1.8	1.8	1.7	1.7	1.7	1.7	0.3	999.3
157,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.7	0.2	999.5
160,0°	1.5	1.7	1.7	1.5	1.5	1.3	1.3	1.3	1.3	1.3	1.3	0.2	999.7
162,5°	1.3	1.3	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.1	999.8
165,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.1	999.9
167,5°	1.3	1.5	1.7	1.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.1	999.9
170,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.1	1000.0
172,5°	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	1000.0
177,5°	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	1000.0

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Dimmstufen-Tabelle

Umgebungstemperatur: 25°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	4780	33.5	36.0	34.8
95	241	252	4535	31.3	33.5	32.4
90	229	250	4310	29.3	31.3	30.3
85	216	248	4065	27.3	29.2	28.2
80	203	246	3820	25.4	27.1	26.2
75	190	243	3576	23.4	25.0	24.2
70	178	241	3350	21.7	23.2	22.4
65	165	238	3105	20.0	21.3	20.6
60	152	235	2860	18.2	19.4	18.8
55	140	232	2635	16.7	17.7	17.2
50	127	229	2390	15.0	16.0	15.5
45	114	225	2145	13.4	14.3	13.8
40	102	221	1920	12.0	12.7	12.4
35	89	216	1675	10.4	11.1	10.8
30	76	210	1430	8.9	9.4	9.2
25	63	203	1186	7.5	7.9	7.7
20	51	195	960	6.2	6.6	6.4
15	38	184	715	4.8	5.0	4.9
11	28	173	527	3.8	3.9	3.8