

Lichttechnischer Prüfbefund

Familie
DL® 30 LED

Bestell-Nr.: 5XA5132E1B08A4
EAN: 4058352058848

LP-Nummer
57201_9



Ausführung	Mastaufsatz-Montage
Optik	asymmetrisch, breit strahlend (ST1.2a)
Abdeckung	Abdeckung PMMA, schlagfest, IK08
Bestückung	LED 3000 K CRI ≥ 80
Betriebsgerät	EVG Plus
Bemessungswerte	Nettolichtstrom = 2400 lm Systemleistung = 22.5 W Lichtausbeute = 106.7 lm/W

Seriendokumentation
18.11.2020

siteco

Lichtstärke in cd/klm

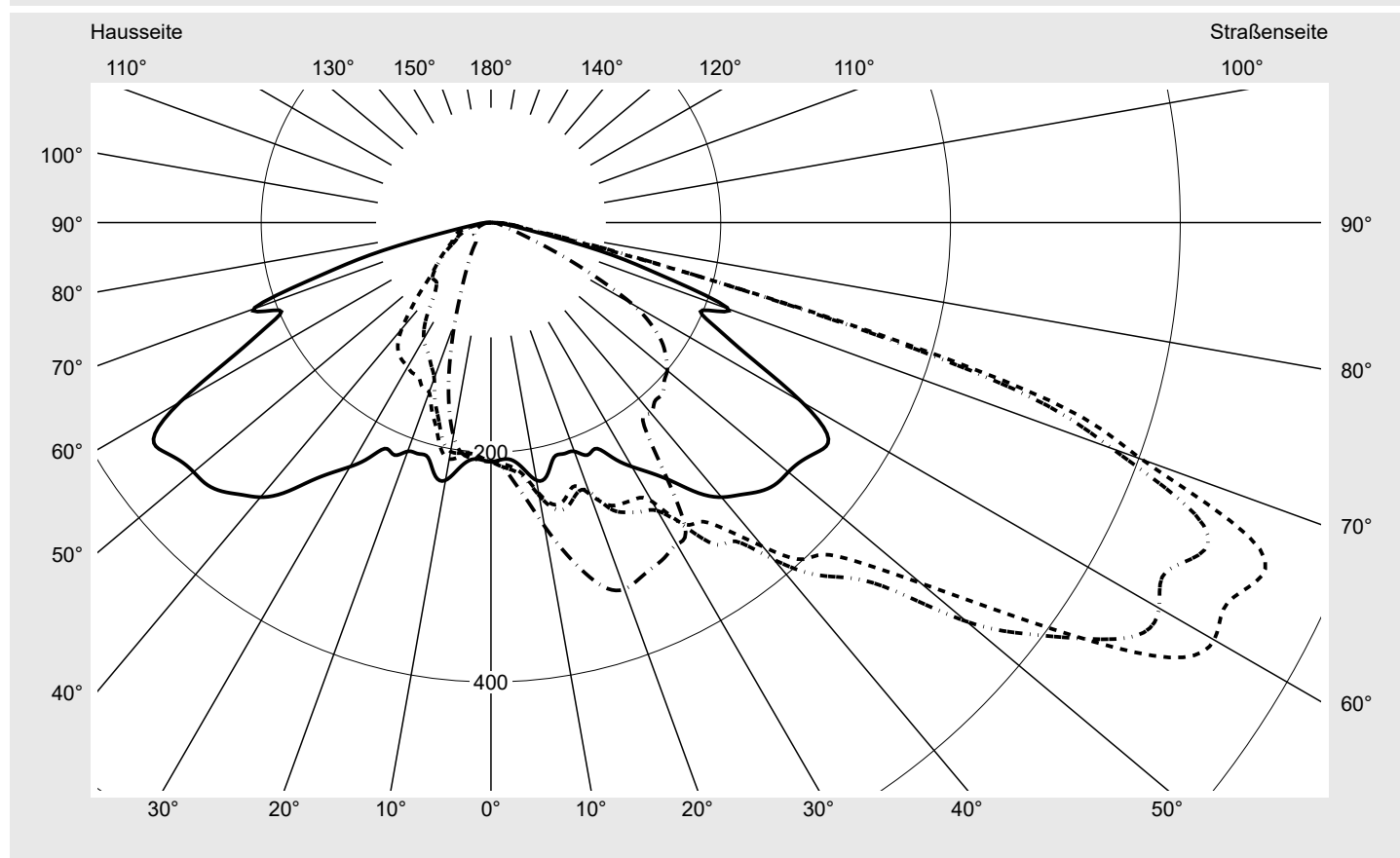
C180-0

C205-25

C210-30

C270-90

Imax: 736 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

Lichtstärkeklasse nach EN13201-2

Klasse:	G3
Imax 70°	602.8
Imax 80°	49.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

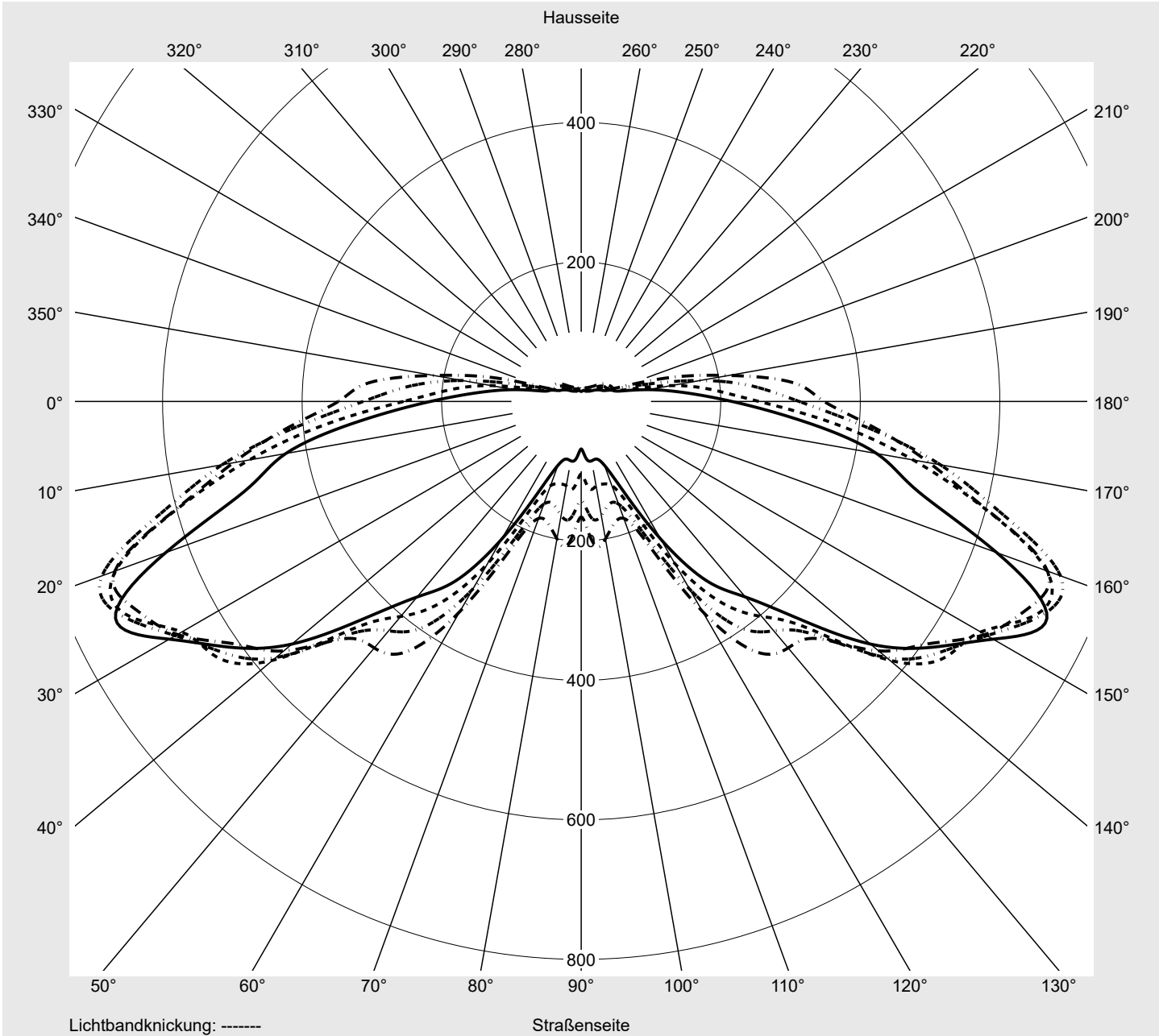
Messbedingungen

DIN EN 13032 und DIN 5032

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



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Familie DL® 30 LED	Bestell-Nr.: 5XA5132E1B08A4 EAN: 4058352058848	LP-Nummer 57201_9
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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°	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2
2,5°	206.6	208.1	209.9	210.5	209.9	210.2	212.6	214.7	213.8	212.9	212.0	212.0	212.6
5,0°	207.5	209.0	211.4	212.9	212.9	213.8	216.5	220.1	220.7	220.7	221.0	222.2	223.7
7,5°	216.2	218.6	221.0	221.9	221.6	222.5	224.6	228.4	229.9	230.8	232.6	234.7	238.0
10,0°	227.8	231.4	235.3	238.0	238.0	239.2	241.3	244.0	245.2	245.8	247.3	251.2	254.8
12,5°	225.5	232.6	239.8	245.5	248.2	251.5	255.4	258.6	260.1	260.4	261.3	264.3	268.5
15,0°	211.7	218.6	226.6	235.6	242.2	249.1	256.5	262.5	267.0	268.8	270.3	273.3	276.6
17,5°	211.1	218.3	224.6	232.3	236.5	240.7	247.6	255.1	262.8	269.1	273.0	276.9	281.1
20,0°	212.0	225.2	235.9	247.6	251.5	251.8	249.1	248.5	254.2	262.5	271.5	279.3	285.9
22,5°	219.2	236.2	248.2	256.5	259.8	266.1	269.1	260.4	254.8	259.2	270.3	283.8	294.8
25,0°	217.1	229.3	240.7	253.9	261.9	270.0	278.4	281.7	276.0	270.6	276.3	290.6	305.9
27,5°	231.4	238.6	246.7	252.4	258.6	271.5	283.8	294.8	305.0	300.8	296.6	302.6	318.4
30,0°	245.5	261.3	275.1	283.5	281.4	280.5	289.7	305.0	320.2	332.5	328.3	325.3	332.8
32,5°	258.3	266.1	273.0	284.7	300.8	311.0	313.7	322.0	334.3	352.5	364.5	356.7	349.5
35,0°	275.1	285.0	295.4	299.6	302.6	317.8	342.7	356.1	360.0	369.9	392.0	394.1	366.0
37,5°	296.9	310.4	317.5	323.5	330.1	337.6	349.8	377.0	392.9	400.7	401.6	424.9	386.6
40,0°	312.2	322.0	333.4	344.8	359.1	368.4	383.0	396.5	413.2	430.0	432.4	428.5	405.2
42,5°	321.4	324.1	336.4	350.4	377.6	397.7	415.3	429.4	435.7	450.9	455.1	445.2	411.1
45,0°	331.0	339.1	369.3	381.2	399.5	408.7	437.1	470.0	473.0	476.3	470.9	465.3	404.9
47,5°	336.7	364.2	421.3	438.0	447.9	439.5	473.0	499.9	515.2	485.9	486.2	463.5	414.7
50,0°	337.9	386.6	475.7	478.1	510.4	488.6	540.6	540.3	515.2	496.1	490.1	469.1	397.4
52,5°	340.9	385.7	480.5	500.5	573.2	554.1	588.4	575.6	528.0	495.2	497.0	471.2	383.3
55,0°	347.7	394.1	475.4	550.8	635.1	633.3	631.8	591.4	540.6	493.1	489.8	465.9	369.9
57,5°	348.0	420.1	506.5	603.4	711.3	705.1	668.3	606.1	556.5	481.1	461.4	438.6	347.7
60,0°	312.5	407.2	522.7	625.5	731.1	726.9	671.6	627.3	571.4	472.7	429.4	395.6	310.7
62,5°	254.8	364.5	483.2	601.6	710.1	721.2	661.1	638.4	577.4	459.9	402.5	353.1	268.5
65,0°	216.2	317.2	430.0	500.5	633.9	736.5	681.7	614.5	541.2	440.4	366.0	314.3	227.8
67,5°	199.4	307.4	407.2	439.8	571.4	713.7	663.2	558.5	498.7	388.4	315.2	251.8	179.1
70,0°	220.1	315.8	394.7	434.8	513.7	602.8	575.3	482.0	397.4	300.5	232.3	201.2	144.7
72,5°	162.4	252.7	328.6	368.1	437.1	497.8	466.2	353.4	264.3	211.1	201.5	178.8	109.1
75,0°	109.1	155.5	186.3	208.7	229.9	231.7	226.6	168.6	144.4	122.6	122.6	111.8	67.6
77,5°	50.2	64.3	81.3	83.7	74.8	74.2	90.3	93.9	77.1	65.5	52.3	48.4	29.3
80,0°	23.0	25.4	29.0	30.2	31.4	32.9	36.2	49.3	41.6	31.4	24.5	16.4	13.2
82,5°	13.8	15.8	17.9	20.3	22.1	23.3	23.0	24.2	19.1	17.3	13.5	11.4	9.6
85,0°	9.6	10.8	12.3	13.8	15.0	15.5	15.2	14.1	12.0	10.5	9.3	8.1	7.2
87,5°	5.7	6.6	7.5	8.4	9.6	10.2	10.2	9.3	8.4	7.2	6.6	6.0	5.4
90,0°	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
105,0°	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
120,0°	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
135,0°	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
150,0°	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
165,0°	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
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

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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°	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2
2,5°	213.2	212.9	212.3	212.0	211.4	211.7	207.5	208.1	210.2	207.2	204.5	204.5	207.2
5,0°	225.5	225.8	226.1	226.1	226.1	226.1	206.9	207.5	209.0	206.0	202.4	201.8	203.9
7,5°	240.7	242.5	243.1	243.7	244.3	244.6	215.6	215.3	215.6	210.8	205.4	202.4	202.4
10,0°	259.2	262.5	264.9	266.4	267.6	268.5	225.8	224.6	223.4	217.1	209.0	202.4	199.1
12,5°	274.8	280.5	285.9	289.7	291.8	293.0	221.6	218.6	216.5	210.2	201.5	193.8	188.7
15,0°	284.1	293.0	302.0	309.5	314.3	315.8	206.9	203.0	199.4	192.6	184.5	176.7	170.4
17,5°	288.8	300.2	312.8	323.8	331.0	333.7	205.4	200.0	193.5	183.3	171.3	162.1	155.5
20,0°	293.9	304.7	317.2	329.2	337.0	339.7	201.5	193.8	185.7	172.8	157.3	144.4	136.0
22,5°	302.6	310.4	319.9	328.3	334.0	336.1	202.1	191.1	186.3	175.5	155.5	135.5	123.5
25,0°	314.3	317.8	321.7	326.8	331.3	331.9	199.4	181.2	172.2	165.4	148.6	127.7	110.6
27,5°	326.5	321.4	318.7	320.2	322.9	328.3	218.9	194.7	173.1	161.8	147.7	122.6	98.7
30,0°	336.4	322.6	311.6	312.5	321.4	323.5	229.6	206.6	179.1	160.3	145.0	116.9	87.3
32,5°	332.8	315.8	291.8	284.4	295.7	314.6	236.5	211.7	186.3	163.9	142.9	107.9	74.2
35,0°	327.4	293.0	265.8	265.2	270.3	258.3	259.5	223.1	192.0	170.1	139.6	95.7	65.8
37,5°	323.5	276.0	264.0	267.0	272.4	217.1	278.4	239.5	195.6	172.8	133.1	82.2	62.8
40,0°	316.1	270.9	261.6	267.9	269.7	216.5	290.6	248.8	204.5	172.8	120.8	74.5	63.7
42,5°	319.9	263.7	258.0	267.6	271.8	211.1	310.4	255.1	207.5	170.1	104.4	70.3	65.5
45,0°	320.8	255.4	254.5	265.2	263.4	211.1	331.6	269.7	208.7	158.2	89.1	70.3	66.7
47,5°	307.4	247.6	247.9	258.9	262.5	204.5	337.6	272.7	209.9	139.6	74.8	68.8	65.2
50,0°	294.2	235.0	237.7	250.6	248.5	200.3	332.8	266.1	205.1	114.2	65.5	63.4	59.8
52,5°	272.4	217.4	224.6	238.6	241.3	192.0	330.7	258.6	197.3	89.4	59.2	57.4	54.7
55,0°	247.9	199.7	207.8	222.5	221.3	181.8	328.3	251.5	175.5	75.9	53.8	51.4	48.7
57,5°	224.3	178.5	181.8	200.0	204.5	165.7	305.9	214.7	133.4	61.3	48.4	46.0	43.7
60,0°	203.6	156.7	153.1	165.9	167.4	142.3	248.2	173.1	93.9	56.8	44.0	40.4	38.3
62,5°	168.3	128.6	122.6	122.9	124.7	104.1	189.9	131.0	64.0	49.3	39.5	35.3	32.9
65,0°	139.9	97.5	85.5	86.4	82.2	68.2	147.4	97.5	57.7	46.9	37.1	32.6	29.0
67,5°	114.5	70.6	51.7	46.6	45.7	38.9	136.3	83.4	61.6	48.7	36.2	30.5	25.7
70,0°	89.7	56.5	30.8	27.2	26.3	23.3	144.7	87.0	63.1	44.6	33.5	26.9	22.4
72,5°	59.2	30.2	21.5	17.9	15.8	14.4	101.1	65.8	53.5	38.0	31.1	24.5	20.6
75,0°	31.4	17.6	14.7	12.9	11.7	10.8	64.0	43.7	36.5	30.8	26.9	22.4	19.1
77,5°	14.7	11.7	10.2	9.6	8.4	8.4	36.8	28.7	24.5	21.5	18.8	17.3	16.4
80,0°	10.5	8.7	7.8	7.2	6.6	6.6	19.4	17.6	16.4	14.1	12.6	11.7	11.4
82,5°	7.8	6.6	6.0	5.4	5.4	5.4	12.3	11.1	10.5	9.9	9.6	9.0	8.4
85,0°	6.0	5.4	4.8	4.8	4.2	4.2	8.7	8.1	7.5	7.5	7.2	6.9	6.6
87,5°	4.8	4.8	4.2	4.2	4.2	4.2	5.7	5.4	5.4	5.4	5.4	5.4	4.8
90,0°	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
105,0°	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
120,0°	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
135,0°	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
150,0°	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
165,0°	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
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

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		sITeco

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°	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	0.3	0.3
2,5°	208.1	206.6	205.4	205.4	205.4	204.8	205.7	206.3	206.6	207.5	207.5	2.5	2.8
5,0°	205.1	203.6	202.7	202.7	202.7	202.4	202.7	203.9	204.8	205.7	205.7	5.1	7.9
7,5°	202.1	199.1	197.0	196.4	196.4	196.7	197.3	198.8	200.0	200.9	201.5	7.8	15.7
10,0°	195.0	189.0	183.9	182.1	181.8	182.4	183.3	185.1	186.9	188.1	188.4	10.6	26.3
12,5°	181.8	173.4	165.9	162.4	161.5	161.8	162.7	164.2	165.9	167.1	167.4	13.3	39.6
15,0°	163.0	153.4	144.4	140.2	139.0	138.7	139.3	139.9	141.4	141.7	142.3	15.3	54.9
17,5°	144.7	132.2	121.1	116.9	115.4	115.4	114.8	114.8	115.1	115.4	115.4	17.1	72.0
20,0°	124.7	110.3	100.2	96.9	95.1	94.2	93.3	92.4	92.1	91.5	91.5	18.9	90.9
22,5°	107.0	90.3	82.2	79.2	77.7	75.9	74.5	73.3	72.1	71.5	71.2	20.8	111.7
25,0°	91.8	76.2	70.3	67.9	65.5	63.7	61.6	59.5	58.0	57.1	56.8	22.6	134.4
27,5°	77.7	65.8	62.8	60.1	57.4	54.4	51.1	48.7	46.9	46.3	46.0	24.9	159.3
30,0°	67.3	61.6	58.3	55.3	51.7	47.5	43.4	40.7	38.9	38.0	38.3	27.7	187.0
32,5°	60.7	58.3	54.7	51.1	47.2	41.9	37.1	34.1	32.3	32.0	31.7	30.1	217.1
35,0°	59.8	55.9	52.0	47.8	43.4	37.4	32.0	29.3	27.8	26.3	26.3	32.7	249.7
37,5°	59.5	54.4	49.6	45.4	40.7	34.1	29.3	27.2	26.0	24.5	21.5	35.8	285.6
40,0°	59.8	53.8	48.1	43.1	38.0	32.0	28.1	26.3	25.1	23.0	20.3	39.1	324.6
42,5°	60.1	53.5	46.6	41.6	36.2	30.5	27.2	25.7	23.9	22.4	19.7	42.2	366.8
45,0°	60.1	52.6	45.2	39.8	34.4	29.3	26.3	25.1	23.6	21.5	19.1	45.5	412.3
47,5°	58.3	50.5	43.1	37.7	32.9	28.4	25.7	24.5	23.0	21.2	18.5	49.0	461.4
50,0°	54.1	46.9	40.4	35.3	30.8	26.9	24.8	23.6	22.4	20.3	18.5	52.1	513.5
52,5°	49.3	42.8	36.8	32.3	29.0	25.4	23.6	22.7	21.8	20.0	17.9	54.5	568.0
55,0°	44.3	38.3	33.2	29.3	26.3	23.6	22.1	21.8	20.9	19.1	17.9	56.7	624.7
57,5°	39.2	34.1	29.0	26.0	23.6	22.1	20.9	20.6	20.0	18.5	16.7	58.1	682.7
60,0°	34.1	29.3	25.4	23.0	21.2	19.7	19.1	19.1	18.8	17.3	16.1	57.1	739.8
62,5°	29.3	25.1	21.8	19.7	18.8	17.9	17.3	17.9	17.6	16.4	15.5	53.8	793.6
65,0°	25.4	21.8	19.4	17.9	17.0	16.1	16.1	16.1	15.8	15.0	14.4	49.6	843.2
67,5°	22.4	19.7	17.3	16.1	15.5	15.0	14.4	14.4	14.4	13.5	12.6	45.3	888.4
70,0°	20.0	17.6	15.8	15.0	13.8	13.2	13.2	12.9	12.6	11.7	11.4	40.3	928.7
72,5°	17.6	15.8	14.1	13.2	12.3	11.7	11.4	11.1	10.8	10.2	10.2	32.3	961.1
75,0°	16.4	14.4	12.3	11.4	10.8	10.2	9.6	9.6	9.3	8.7	8.4	18.7	979.7
77,5°	14.4	12.3	10.5	9.6	9.0	8.4	8.4	7.8	7.5	7.2	7.2	9.0	988.7
80,0°	11.4	9.9	8.7	7.8	7.2	7.2	6.6	6.3	6.0	6.0	6.0	4.6	993.3
82,5°	8.1	7.5	7.2	6.6	6.0	6.0	5.4	5.4	5.4	4.8	4.8	3.0	996.3
85,0°	6.0	6.0	5.4	5.4	4.8	4.8	4.2	4.2	4.2	4.2	4.2	2.2	998.5
87,5°	4.8	4.8	4.2	4.2	4.2	4.2	4.2	3.9	3.9	3.6	3.6	1.6	1000.0
90,0°	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
105,0°	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
120,0°	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
135,0°	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
150,0°	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
165,0°	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
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

Lichttechnischer Prüfbefund

Familie DL® 30 LED	Bestell-Nr.: 5XA5132E1B08A4 EAN: 4058352058848	LP-Nummer 57201_9
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Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	sITeco
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Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	2400	22.5	23.1	22.8
95	241	2277	21.2	21.8	21.5
90	229	2164	20.1	20.6	20.4
85	216	2041	18.8	19.3	19.0
80	203	1918	17.6	18.0	17.8
75	190	1795	16.4	16.8	16.6
70	178	1682	15.4	15.7	15.6
65	165	1559	14.2	14.6	14.4
60	152	1436	13.1	13.5	13.3
55	140	1323	12.2	12.5	12.4
50	127	1200	11.2	11.4	11.3
45	114	1077	10.1	10.3	10.2
40	102	964	9.2	9.4	9.3
35	89	841	8.3	8.4	8.4
30	76	718	7.3	7.4	7.4
25	63	595	6.3	6.4	6.4
20	51	482	5.3	5.4	5.4
19	47	444	4.8	4.9	4.8