

Lichttechnischer Prüfbefund

Familie
DL® 30 LED

Bestell-Nr.: 5XA5132K1B08A4
EAN: 4058352059197

LP-Nummer
57201_10



Ausführung	Mastaufsatz-Montage
Optik	asymmetrisch, breit strahlend (ST1.2a)
Abdeckung	Abdeckung PMMA, schlagfest, IK08
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG Plus
Bemessungswerte	Nettolichtstrom = 2740 lm Systemleistung = 21.2 W Lichtausbeute = 129.2 lm/W

Seriendokumentation
18.11.2020

siteco

Lichtstärke in cd/klm

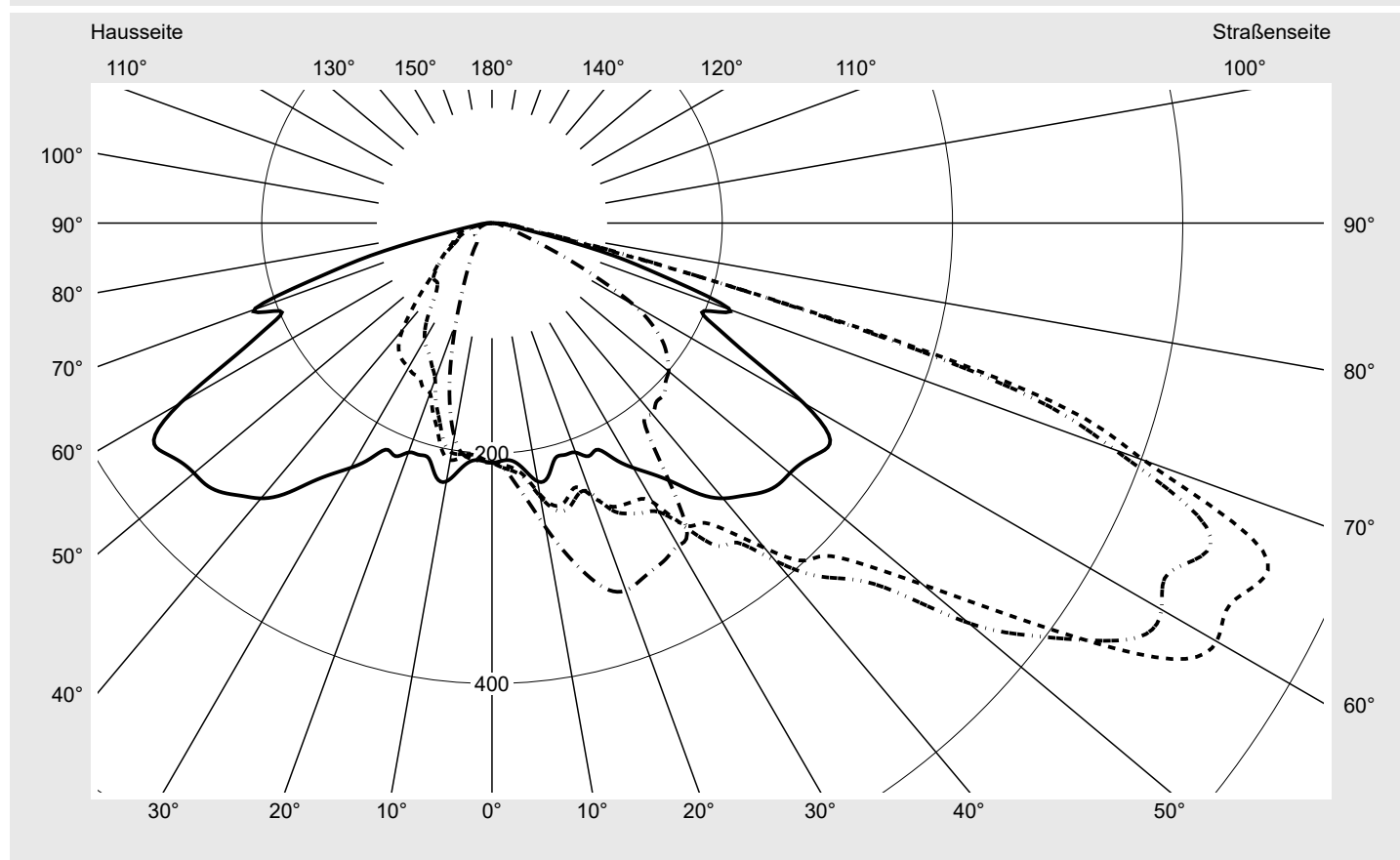
C180-0

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

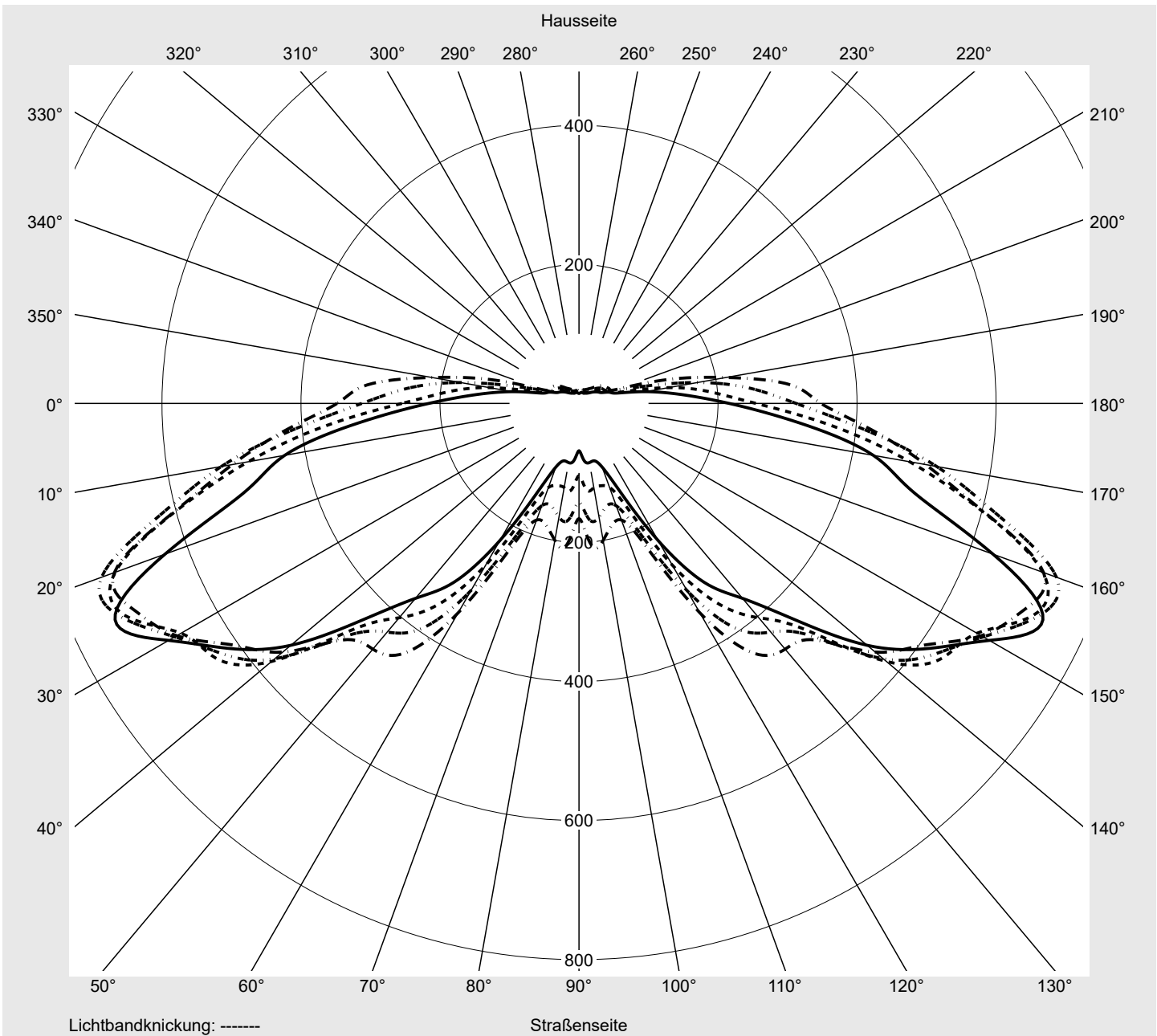
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Kegelmantelkurven in cd/klm **KMK 65°** **KMK 62,5°** **KMK 60°** **KMK 57,5°** **siteco**



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Familie DL® 30 LED	Bestell-Nr.: 5XA5132K1B08A4 EAN: 4058352059197	LP-Nummer 57201_10
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
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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.: 5XA5132K1B08A4 EAN: 4058352059197	LP-Nummer 57201_10
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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	2740	21.2	21.7	21.4
95	241	2600	20.0	20.4	20.2
90	229	2470	19.0	19.3	19.2
85	216	2330	17.8	18.2	18.0
80	203	2190	16.8	17.0	16.9
75	190	2050	15.7	16.0	15.8
70	178	1920	14.7	15.0	14.8
65	165	1780	13.7	13.9	13.8
60	152	1640	12.7	12.9	12.8
55	140	1510	11.8	12.1	12.0
50	127	1370	10.9	11.0	11.0
45	114	1230	10.0	10.1	10.0
40	102	1100	9.1	9.3	9.2
35	89	960	8.2	8.3	8.2
30	76	820	7.3	7.4	7.4
25	63	680	6.4	6.5	6.4
20	51	550	5.5	5.6	5.6
17	43	464	4.7	4.8	4.8