

## Lichttechnischer Prüfbefund

Familie  
CITY-LIGHT ELEGANCE LED

Bestell-Nr.: 5XA5265KF14H + 5XA54000XSA  
EAN: 4058352834893 + 4058352161326

LP-Nummer  
59106\_28



**Ausführung** Mastaufsatz- oder Montage am Wandausleger, Spreader-Element, amber

**Optik** asymmetrisch, breit strahlend (ST1.2a)

**Abdeckung** Abdeckung klar, PMMA

**Bestückung** LED 4000 K | CRI ≥ 70

**Betriebsgerät** EVG SITECO iQ

**Bemessungswerte** Nettolichtstrom = 1030 lm  
Systemleistung = 10.0 W  
Lichtausbeute = 103 lm/W

Seriendokumentation  
07.07.2022

siteco

Lichtstärke in cd/klm

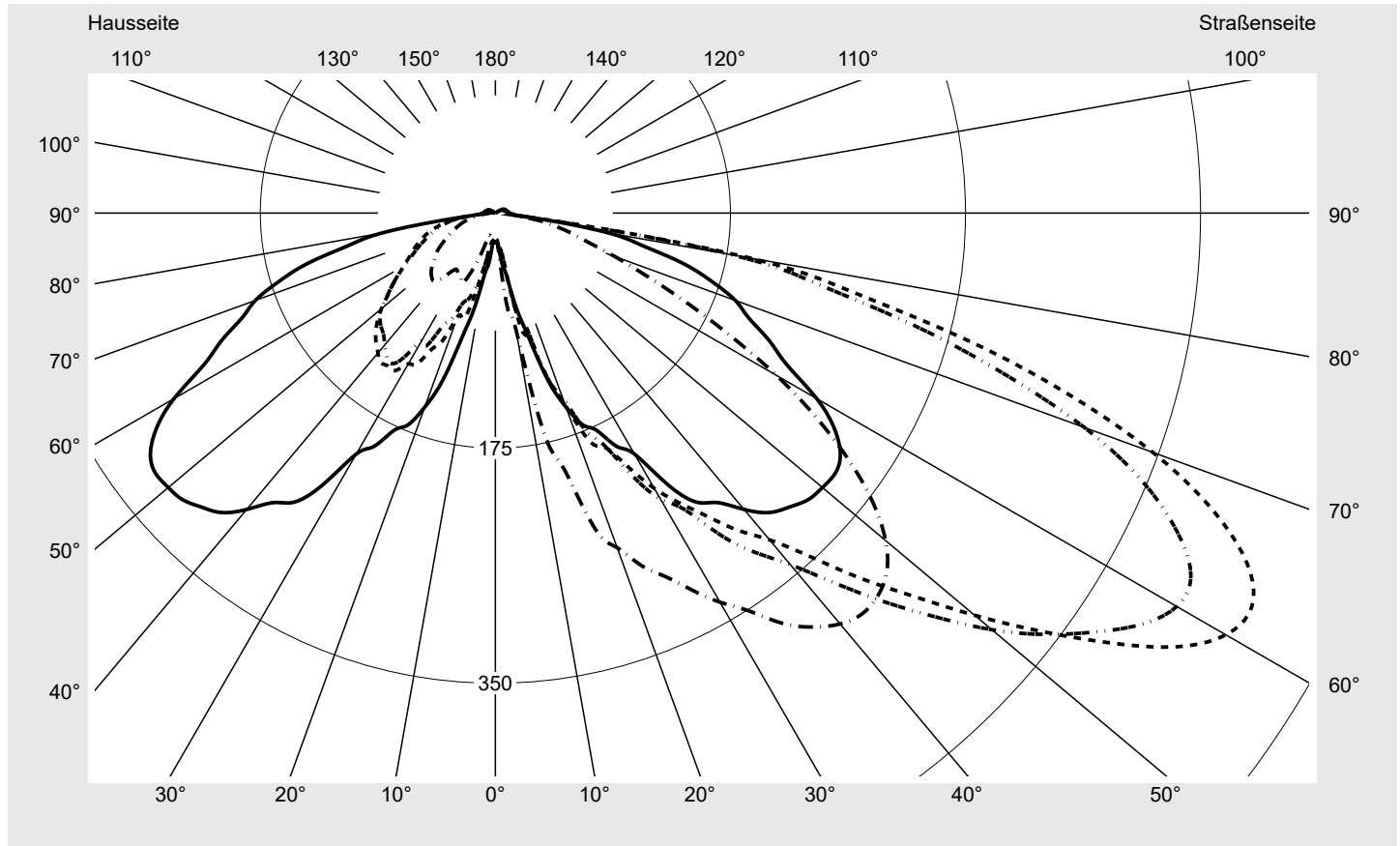
C180-0

C205-25

C210-30

C270-90

Imax: 635 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	97.8%
Eta 90° - 180°	2.2%

Lichtstärkeklasse nach EN13201-2

Klasse:	G1
Imax 70°	521.0
Imax 80°	192.8
Imax 90°	10.9
Imax >90°	10.3
Imax >95°	9.2

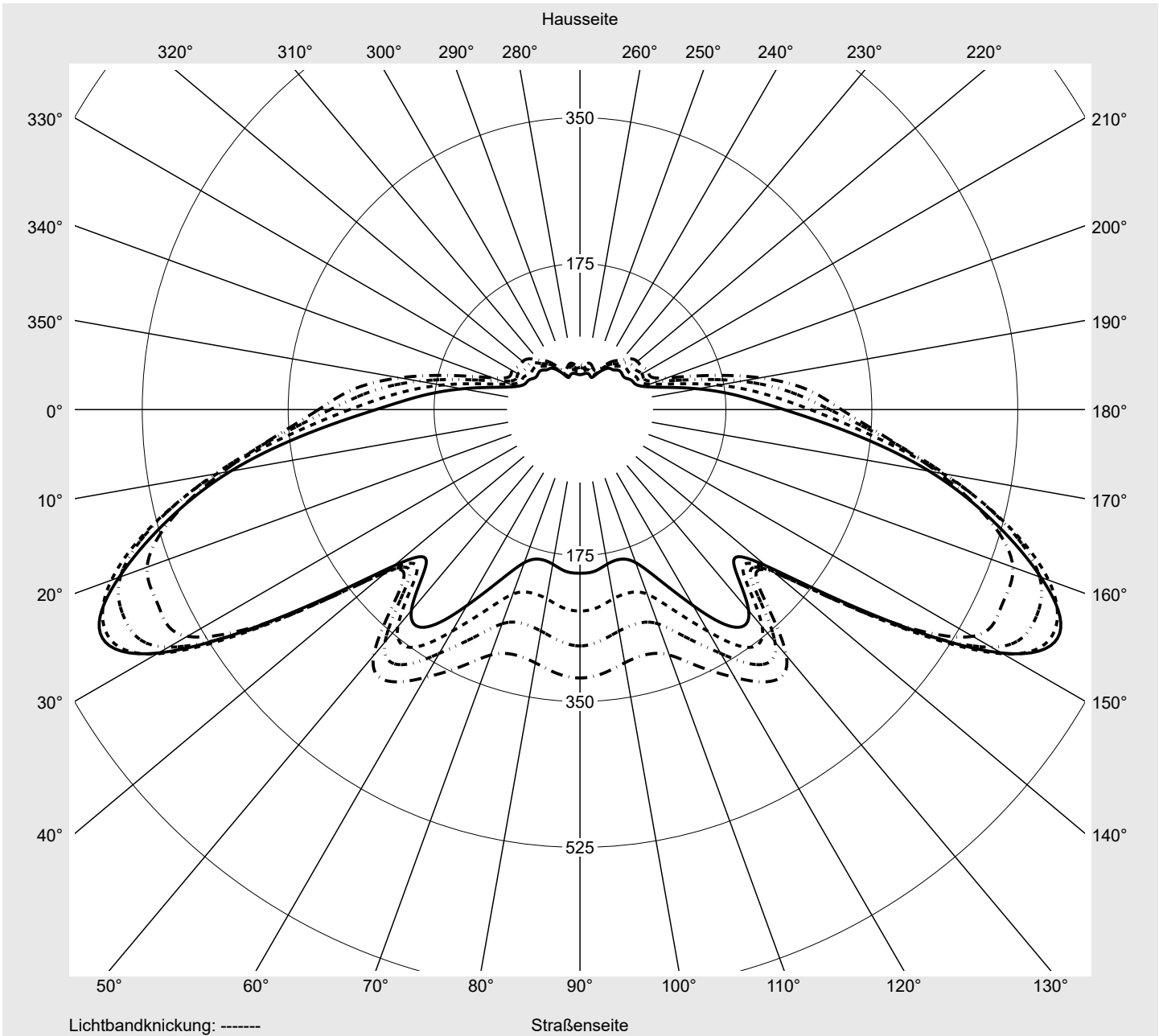
Messbedingungen

DIN EN 13032 und DIN 5032

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**Kegelmantelkurven in cd/klm**    **KMK 62,5°**    **KMK 60°**    **KMK 57,5°**    **KMK 55°**    **siteco**



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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2,5°	21.8	21.8	21.5	21.8	21.5	21.8	21.2	21.8	21.8	21.8	21.8	21.8	21.8
5,0°	22.7	23.0	23.5	24.4	25.2	26.1	26.7	26.7	27.3	27.5	28.7	29.5	30.7
7,5°	38.2	40.2	41.6	41.3	37.3	32.1	29.0	28.4	30.7	35.9	42.7	49.6	54.2
10,0°	46.5	43.3	44.2	45.6	45.9	41.6	37.0	40.2	52.2	68.0	82.6	90.7	97.0
12,5°	72.9	74.9	82.0	88.1	91.2	86.6	83.5	78.6	85.5	91.2	96.4	107.6	119.3
15,0°	95.8	93.5	97.0	101.6	105.0	97.0	86.1	82.6	91.8	115.6	133.1	148.9	165.5
17,5°	130.8	137.7	132.0	128.8	137.4	128.8	128.2	125.1	118.5	139.7	158.1	156.3	177.0
20,0°	153.8	160.9	163.2	165.0	168.4	152.3	146.0	135.4	130.2	155.5	176.7	182.4	208.8
22,5°	171.0	184.5	190.5	193.6	208.0	184.2	174.7	163.8	145.2	168.4	197.7	198.5	217.4
25,0°	178.4	194.2	193.6	192.5	199.9	192.2	189.9	176.4	154.0	179.6	207.1	211.7	242.7
27,5°	195.9	208.8	216.0	218.3	228.1	212.0	220.0	206.5	164.4	193.9	232.1	236.7	265.1
30,0°	207.1	224.6	235.2	242.1	244.4	236.7	245.8	220.6	181.6	220.6	265.9	269.1	293.8
32,5°	240.7	255.3	261.1	264.8	270.2	256.2	261.3	241.8	196.8	241.3	299.5	296.3	319.3
35,0°	263.1	278.8	280.0	282.6	287.7	276.0	292.9	262.8	211.7	264.5	323.9	325.3	351.7
37,5°	271.7	289.2	292.3	295.8	304.1	298.1	318.7	279.4	218.9	282.0	348.8	357.2	379.8
40,0°	288.0	305.5	313.8	319.3	322.4	317.6	341.7	303.2	235.5	295.5	375.5	384.1	400.2
42,5°	302.4	320.4	336.2	347.7	349.1	346.8	373.2	327.0	247.9	314.1	397.3	404.2	416.0
45,0°	309.5	331.0	356.3	379.5	387.8	384.4	409.1	350.8	265.4	325.0	409.1	418.5	426.6
47,5°	315.8	342.5	380.4	414.0	426.0	422.3	445.2	376.7	276.8	327.9	414.5	426.6	428.3
50,0°	317.9	353.4	404.5	447.5	465.3	465.9	482.5	401.3	289.7	324.4	412.2	425.1	418.0
52,5°	318.7	361.7	422.3	479.1	509.2	511.2	515.2	420.0	298.6	316.7	402.2	414.5	398.2
55,0°	313.5	366.3	436.3	507.2	552.5	557.7	543.9	432.9	304.4	305.5	385.0	397.9	370.9
57,5°	299.5	362.6	444.4	527.0	586.6	601.0	570.0	436.0	302.9	292.0	363.8	373.5	337.6
60,0°	276.3	350.3	441.8	529.0	598.1	628.0	585.8	437.2	300.4	277.1	339.9	348.0	307.0
62,5°	244.7	327.3	425.4	511.5	588.4	634.8	583.8	428.6	291.7	260.8	314.7	317.9	271.4
65,0°	225.2	305.8	402.5	483.4	560.0	617.6	559.7	405.3	277.1	241.3	286.0	284.3	235.2
67,5°	204.3	285.4	372.6	443.5	515.2	578.3	521.2	369.2	254.7	216.9	256.2	250.7	199.7
70,0°	190.2	268.2	346.0	402.5	464.7	521.0	466.7	328.8	230.4	194.2	226.1	220.9	181.0
72,5°	168.7	241.0	306.4	352.6	400.5	446.1	396.2	279.7	201.1	165.5	193.9	202.0	150.3
75,0°	144.6	203.4	255.6	293.5	329.9	361.2	322.2	229.5	166.4	135.1	154.0	164.4	125.9
77,5°	112.5	158.1	197.4	226.3	252.2	273.4	247.6	176.1	125.4	97.8	121.1	139.7	123.9
80,0°	86.6	115.3	142.6	162.9	179.3	192.8	179.0	130.0	94.7	76.9	90.1	108.2	91.8
82,5°	35.0	39.3	41.9	44.5	40.7	39.0	37.0	30.7	24.7	21.8	23.8	26.7	27.3
85,0°	12.9	12.9	14.1	14.3	14.1	13.8	13.2	12.3	10.9	9.8	10.6	12.0	12.6
87,5°	10.9	11.5	12.3	12.3	12.0	12.0	11.5	10.6	9.8	8.6	9.2	10.9	11.5
90,0°	9.8	9.8	10.6	10.9	10.3	10.3	10.0	9.5	8.6	7.7	8.0	9.5	10.3
92,5°	8.9	9.5	9.8	9.8	9.8	9.5	9.2	8.9	7.7	7.5	7.7	8.9	9.5
95,0°	8.3	8.9	9.2	9.2	9.2	8.9	8.6	8.3	7.7	7.2	7.5	8.3	8.9
97,5°	8.0	8.0	8.6	8.6	8.3	8.0	8.0	7.7	7.2	6.9	7.2	7.7	8.6
100,0°	7.5	7.7	8.0	8.0	8.0	7.7	7.5	7.2	6.9	6.9	6.9	7.2	8.0
102,5°	7.5	7.5	7.7	7.7	7.5	7.5	7.2	6.9	6.9	6.3	6.9	7.2	7.7
105,0°	6.9	6.9	7.5	7.5	7.2	6.9	6.9	6.6	6.3	6.3	6.3	6.9	7.2
107,5°	6.3	6.9	6.9	6.9	6.6	6.6	6.3	6.3	6.3	6.3	6.3	6.6	7.2
110,0°	6.3	6.3	6.3	6.6	6.3	6.3	6.0	6.0	5.7	6.3	6.3	6.3	6.9
112,5°	5.7	6.3	6.3	6.3	6.0	5.7	5.7	5.7	5.7	5.7	5.7	6.3	6.3

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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2,5°	21.8	21.8	21.8	21.8	22.1	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
5,0°	31.0	31.3	31.3	31.0	31.0	31.0	22.1	22.1	21.8	21.8	21.8	21.5	21.5
7,5°	57.4	60.8	64.5	68.6	71.7	73.4	34.1	29.5	26.1	24.4	22.7	22.1	21.5
10,0°	98.4	96.1	93.8	90.4	87.8	87.8	48.2	50.8	46.8	41.0	34.4	28.4	24.7
12,5°	138.3	151.5	158.4	165.5	167.2	168.7	68.6	53.9	40.4	40.7	46.2	48.5	43.6
15,0°	181.6	187.9	191.3	196.5	199.1	196.8	94.7	87.5	82.0	76.9	72.6	58.2	55.9
17,5°	196.5	216.0	230.6	238.1	242.7	246.1	117.3	107.6	106.7	97.2	82.0	67.4	57.4
20,0°	228.9	237.8	247.3	257.3	263.1	265.1	154.9	137.1	112.5	92.4	82.0	71.7	68.8
22,5°	242.1	255.9	270.2	280.8	284.3	284.0	157.5	137.1	124.2	115.6	103.0	85.8	73.4
25,0°	269.9	280.0	287.7	294.9	298.3	298.3	174.4	160.4	146.9	131.4	111.6	92.7	76.3
27,5°	293.2	301.5	309.0	315.0	316.7	316.1	186.8	169.0	154.9	141.4	126.8	111.6	92.4
30,0°	318.4	325.9	330.5	333.1	333.9	334.5	199.9	179.9	159.5	144.3	129.7	110.2	89.5
32,5°	342.5	348.8	352.0	352.8	351.7	351.1	232.4	205.4	179.0	158.1	139.1	128.2	107.6
35,0°	374.9	373.8	370.1	367.5	370.1	372.9	249.3	218.0	186.5	160.6	139.1	136.3	125.6
37,5°	395.9	387.3	381.5	381.5	385.3	388.4	257.3	224.9	191.9	165.0	140.3	133.1	126.5
40,0°	407.6	397.9	392.7	391.6	395.6	399.3	273.4	235.8	198.5	165.0	136.0	128.2	125.9
42,5°	421.4	407.9	397.9	395.6	400.5	404.5	286.3	243.6	202.2	161.5	131.4	123.1	122.2
45,0°	427.7	407.1	393.9	393.6	399.6	402.8	294.6	249.3	202.2	155.8	125.9	120.2	119.9
47,5°	420.8	395.3	382.7	384.7	392.2	395.3	298.9	250.2	198.2	146.9	119.1	116.5	114.5
50,0°	401.3	374.9	363.8	366.9	375.8	379.2	296.0	245.8	187.0	134.3	110.7	110.2	107.3
52,5°	374.7	347.7	337.4	340.8	350.3	354.6	289.2	236.1	174.1	122.8	101.3	101.6	98.4
55,0°	340.5	313.3	304.4	308.4	317.6	321.9	274.0	219.5	157.8	111.3	93.5	93.8	90.4
57,5°	301.5	273.4	265.6	269.7	278.6	283.4	251.0	196.2	138.3	99.5	85.5	85.8	82.3
60,0°	265.1	235.5	227.5	230.4	238.4	241.5	220.3	169.0	119.1	89.2	78.9	78.0	74.3
62,5°	225.5	195.4	185.9	188.2	194.8	196.2	190.5	143.4	103.3	81.2	72.9	70.9	66.3
65,0°	186.5	156.1	146.6	149.5	156.1	156.1	166.7	123.4	92.1	75.4	68.3	65.1	60.0
67,5°	154.0	124.5	114.5	115.6	118.8	121.1	146.6	107.6	83.2	70.3	64.0	59.7	53.4
70,0°	129.1	100.1	90.1	90.1	91.5	94.7	132.0	96.1	76.3	64.8	59.1	54.5	48.2
72,5°	106.1	80.3	69.7	68.0	70.0	72.9	115.0	85.2	68.8	59.4	54.5	50.2	42.7
75,0°	88.6	64.5	55.4	53.4	55.4	59.7	97.5	73.7	61.1	53.1	49.1	45.0	37.9
77,5°	73.4	51.9	43.9	41.9	43.6	47.0	79.5	61.7	52.5	46.2	42.7	39.6	33.0
80,0°	56.8	41.0	34.4	32.4	33.3	35.0	62.0	49.9	43.6	39.0	36.4	33.6	28.4
82,5°	25.5	22.4	20.4	19.2	18.1	17.8	31.0	28.7	27.5	26.1	25.8	25.0	22.1
85,0°	13.2	13.2	13.2	13.2	13.2	13.2	13.5	13.5	13.2	13.5	13.2	13.2	12.3
87,5°	11.5	11.8	12.0	11.8	11.8	11.5	11.5	11.2	11.2	10.6	10.0	9.8	9.2
90,0°	10.3	10.9	10.9	10.9	10.9	10.9	9.5	9.5	9.2	8.9	8.3	7.7	7.5
92,5°	9.8	10.3	10.3	10.3	10.3	10.3	8.9	8.6	8.3	7.7	7.5	7.2	6.6
95,0°	9.2	9.5	9.8	9.8	9.8	9.8	8.0	8.0	7.7	7.2	6.9	6.6	6.0
97,5°	8.6	9.2	9.2	9.2	9.2	9.2	7.7	7.5	7.2	6.9	6.6	6.0	5.5
100,0°	8.3	8.6	8.9	8.6	8.6	8.6	7.5	7.2	6.9	6.6	6.0	5.7	5.5
102,5°	8.0	8.0	8.6	8.6	8.6	8.6	6.9	6.9	6.6	6.3	6.0	5.5	5.2
105,0°	7.5	8.0	8.0	8.0	8.0	8.0	6.9	6.3	6.3	5.7	5.5	5.2	4.9
107,5°	7.5	7.5	8.0	8.0	8.0	8.0	6.3	6.3	6.0	5.7	5.2	5.2	4.9
110,0°	7.2	7.5	7.5	7.5	7.5	7.5	6.0	5.7	5.7	5.2	5.2	4.6	4.6
112,5°	6.9	6.9	7.5	7.5	7.5	7.5	5.7	5.5	5.2	4.9	4.6	4.6	4.3

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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°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	0.0	0.0
2,5°	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	22.1	21.8	0.3	0.3
5,0°	21.8	21.8	21.5	21.8	21.8	21.8	21.8	21.5	21.5	21.5	21.2	0.6	0.9
7,5°	21.5	21.2	21.2	21.2	21.2	21.2	21.2	20.9	20.9	20.7	20.7	1.3	2.1
10,0°	22.4	21.2	20.7	20.4	20.1	20.1	19.8	19.5	19.2	18.9	18.9	2.3	4.4
12,5°	37.6	31.3	25.2	21.8	20.1	19.5	19.5	18.4	17.5	17.5	17.8	4.3	8.7
15,0°	54.2	52.8	47.9	41.9	31.8	21.5	20.1	18.4	17.8	17.2	17.2	6.6	15.3
17,5°	49.3	42.2	39.6	34.1	37.9	37.6	30.1	28.1	23.2	22.1	22.4	9.2	24.5
20,0°	63.1	53.9	49.3	42.2	42.5	31.8	26.7	30.7	38.7	39.3	36.7	12.0	36.6
22,5°	60.8	51.9	46.5	42.7	43.3	38.2	34.4	41.3	45.3	47.9	48.2	15.0	51.6
25,0°	59.7	50.2	44.5	44.2	43.0	41.3	39.6	46.2	49.6	55.1	57.4	17.7	69.2
27,5°	68.6	53.9	48.2	46.2	46.5	46.5	50.2	56.2	51.4	53.9	55.1	21.2	90.4
30,0°	71.7	62.5	55.1	50.5	47.0	44.5	47.0	54.5	52.8	53.6	53.4	24.7	115.0
32,5°	90.7	74.6	59.4	54.8	52.5	51.4	51.4	53.9	51.6	51.1	52.2	29.0	144.1
35,0°	114.7	97.5	81.5	72.0	64.8	55.1	49.6	54.2	52.5	50.5	51.1	33.5	177.6
37,5°	121.3	107.3	92.1	82.9	70.6	58.8	51.9	59.4	58.8	55.4	56.2	37.5	215.1
40,0°	120.5	104.4	91.8	84.9	72.3	60.8	57.7	66.0	67.1	64.0	64.8	41.5	256.6
42,5°	119.1	104.1	92.7	84.6	72.6	62.0	58.2	66.0	69.1	66.6	68.3	45.3	301.9
45,0°	117.6	104.1	91.2	83.8	72.3	62.0	58.5	64.5	68.3	65.7	67.1	48.8	350.7
47,5°	112.7	101.6	90.1	83.2	71.4	60.8	57.7	63.4	65.7	63.1	64.8	51.7	402.4
50,0°	105.9	96.7	86.1	79.5	68.3	58.5	55.7	61.4	62.5	60.0	61.4	53.9	456.3
52,5°	97.5	91.5	82.3	76.0	66.0	55.9	53.1	57.9	59.4	55.9	57.4	55.2	511.6
55,0°	89.8	86.1	77.5	71.1	62.5	53.1	50.2	54.8	56.5	53.4	53.9	55.8	567.3
57,5°	82.0	79.5	72.0	66.8	59.4	50.5	47.0	51.1	53.1	49.9	50.5	55.2	622.6
60,0°	74.0	73.4	67.7	64.0	56.8	48.5	43.9	47.0	48.8	46.5	45.9	53.8	676.4
62,5°	66.0	66.3	62.3	60.5	54.8	47.0	41.0	43.3	44.2	42.7	41.9	51.1	727.5
65,0°	60.0	60.2	57.7	57.7	52.2	45.3	38.7	39.9	40.4	39.3	37.9	47.7	775.2
67,5°	53.6	54.5	53.1	54.5	49.9	43.3	36.1	36.4	36.7	35.0	33.9	43.7	818.9
70,0°	48.2	49.3	48.8	50.5	46.8	40.7	33.6	33.0	33.0	31.0	30.4	39.7	858.6
72,5°	42.5	43.6	43.6	45.6	42.5	37.0	31.6	30.1	29.3	27.5	27.0	34.8	893.5
75,0°	36.7	37.3	37.6	39.3	36.4	32.1	28.4	27.0	25.8	24.1	23.5	29.3	922.8
77,5°	31.3	31.0	30.4	32.1	30.1	27.0	23.8	23.0	22.4	20.4	20.1	23.5	946.3
80,0°	25.8	25.2	24.4	25.8	24.7	22.4	20.4	19.2	18.6	16.9	16.1	17.9	964.2
82,5°	20.1	19.2	18.4	20.4	19.5	18.1	16.4	15.8	14.6	13.2	12.6	6.9	971.2
85,0°	10.9	10.0	9.8	11.2	11.5	10.6	10.3	10.0	9.5	8.0	7.5	3.3	974.4
87,5°	7.7	6.6	5.7	7.2	7.7	7.5	7.2	7.2	6.6	5.7	5.2	2.7	977.1
90,0°	6.3	5.2	4.6	5.5	5.7	5.5	5.5	5.2	4.9	4.3	4.0	2.3	979.4
92,5°	5.7	4.6	4.0	4.9	5.2	4.9	4.9	4.6	4.6	4.0	4.0	2.1	981.5
95,0°	5.5	4.6	4.0	4.3	4.6	4.6	4.6	4.6	4.3	3.7	3.4	2.0	983.5
97,5°	4.9	4.3	4.0	4.0	4.3	4.0	4.0	4.0	4.0	3.7	3.4	1.8	985.3
100,0°	4.9	4.3	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.7	3.4	1.7	987.1
102,5°	4.9	4.3	4.0	3.7	4.0	4.0	4.0	4.0	3.7	3.4	3.4	1.7	988.8
105,0°	4.6	4.3	3.7	3.4	4.0	3.4	3.4	4.0	3.7	3.4	3.4	1.6	990.3
107,5°	4.3	4.3	3.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	1.5	991.8
110,0°	4.3	4.0	3.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	1.4	993.2
112,5°	4.0	3.7	3.7	3.2	3.2	3.2	3.2	3.4	3.4	3.2	3.4	1.3	994.6

## Lichttechnischer Prüfbefund

<b>Familie</b> CITY-LIGHT ELEGANCE LED	<b>Bestell-Nr.: 5XA5265KF14H + 5XA54000XSA</b> <b>EAN: 4058352834893 + 4058352161326</b>	<b>LP-Nummer</b> 59106_28
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°	5.7	5.7	5.7	5.7	5.7	5.5	5.5	5.2	5.7	5.7	5.7	5.7	6.0
117,5°	5.2	5.2	5.2	5.2	5.2	4.6	4.9	4.9	5.2	5.2	5.2	5.2	5.5
120,0°	4.3	4.3	4.3	4.3	4.0	4.0	4.0	4.0	4.0	4.0	4.3	4.3	4.6
122,5°	2.9	2.9	3.2	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
125,0°	2.0	2.0	2.3	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
127,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.4	1.7	1.7	1.4	1.7	1.4	1.7
130,0°	1.7	1.7	1.7	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
132,5°	1.4	1.1	1.4	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
135,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.9	0.6	0.6	0.6
137,5°	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
140,0°	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
142,5°	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
145,0°	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
147,5°	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
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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
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
167,5°	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
170,0°	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
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

<b>Familie</b> CITY-LIGHT ELEGANCE LED	<b>Bestell-Nr.: 5XA5265KF14H + 5XA54000XSA</b> <b>EAN: 4058352834893 + 4058352161326</b>	<b>LP-Nummer</b> 59106_28
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°	6.3	6.6	6.9	6.9	6.9	6.9	5.5	5.2	5.2	4.6	4.6	4.3	4.0
117,5°	5.7	6.0	6.3	6.3	6.3	6.3	4.9	4.6	4.6	4.3	4.0	4.0	4.0
120,0°	4.6	4.9	5.2	5.2	5.2	5.2	4.0	4.0	3.7	3.7	3.4	3.4	3.2
122,5°	2.9	3.2	3.2	3.4	3.4	3.4	2.9	2.9	2.9	2.9	2.6	2.3	2.6
125,0°	1.7	1.7	1.7	1.7	1.7	1.7	2.0	2.0	2.0	2.0	2.0	1.7	2.0
127,5°	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
130,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7
132,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7
135,0°	0.6	0.6	0.6	0.6	0.6	0.6	1.1	1.1	1.1	1.4	1.4	1.7	1.7
137,5°	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
140,0°	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
142,5°	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
145,0°	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
147,5°	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
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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
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
167,5°	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
170,0°	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
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

<b>Familie</b> <b>CITY-LIGHT ELEGANCE LED</b>	<b>Bestell-Nr.: 5XA5265KF14H + 5XA54000XSA</b> <b>EAN: 4058352834893 + 4058352161326</b>	<b>LP-Nummer</b> <b>59106_28</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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
$\gamma$	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
115,0°	4.0	3.7	3.4	3.2	2.9	2.9	2.9	3.2	2.9	3.2	3.4	1.2	995.8
117,5°	3.7	3.4	3.4	2.9	2.9	2.9	2.9	2.9	2.9	3.2	3.4	1.1	996.9
120,0°	3.2	2.9	2.9	2.9	2.6	2.3	2.3	2.3	2.3	2.9	2.9	0.9	997.8
122,5°	2.3	2.3	2.3	2.3	2.3	2.0	2.0	2.3	2.3	2.3	2.3	0.6	998.4
125,0°	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.0	2.3	0.4	998.8
127,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.4	999.2
130,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.3	999.5
132,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	1.7	1.7	1.7	0.3	999.8
135,0°	1.4	1.7	1.1	1.4	1.4	1.1	1.1	1.1	1.1	1.1	1.1	0.2	1000.0
137,5°	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
140,0°	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
142,5°	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
145,0°	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
147,5°	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
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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
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
167,5°	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
170,0°	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
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



## Lichttechnischer Prüfbefund

<b>Familie</b> <b>CITY-LIGHT ELEGANCE LED</b>	<b>Bestell-Nr.: 5XA5265KF14H + 5XA54000XSA</b> <b>EAN: 4058352834893 + 4058352161326</b>	<b>LP-Nummer</b> <b>59106_28</b>
<b>Dimmstufen-Tabelle</b>		<b>Umgebungstemperatur: 25°C</b>
<b>siteco</b>		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	1030	10.0	10.4	10.2
95	241	252	977	9.5	9.9	9.7
90	229	250	929	9.0	9.3	9.2
85	216	248	876	8.5	8.8	8.6
80	203	246	823	8.0	8.3	8.2
75	190	243	770	7.6	7.7	7.6
70	178	241	722	7.1	7.3	7.2
65	165	238	669	6.6	6.8	6.7
60	152	235	616	6.1	6.4	6.2
55	140	232	568	5.7	5.9	5.8
50	127	229	515	5.3	5.5	5.4
45	114	225	462	4.8	5.0	4.9
40	102	221	414	4.4	4.6	4.5
35	89	216	361	4.0	4.1	4.0
30	76	210	308	3.6	3.7	3.6
30	75	209	304	3.5	3.7	3.6