Lichttechnischer Prüfbefund

Familie
CANNA 170 LS



Bestell-Nr.: B01S4B4A07140E
EAN: 4069025287854

Ausführung	Stele, Erdstück
Optik	asymmetrisch, extrem breit strahlend (P1.2a)
Abdeckung	Abdeckung klar, PMMA
Bestückung	LED 3000 K | CRI ≥ 80
Betriebsgerät	EVG
Bemessungswerte	Nettolichtstrom = 4520 lm Systemleistung = 37.2 W Lichtausbeute = 121.5 lm/W

LP-Nummer
59740_74

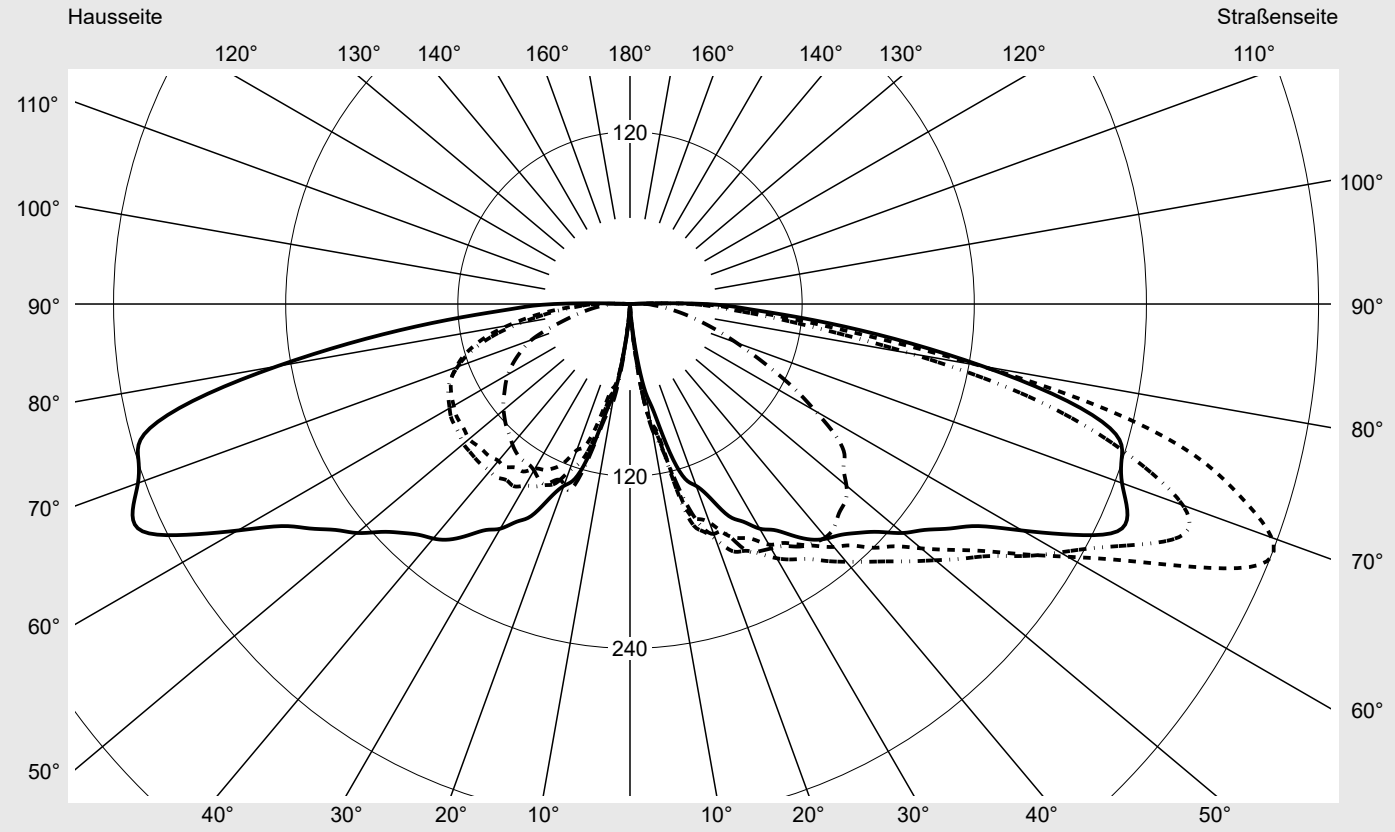
Seriendokumentation
09.04.2025

BERGMEISTER
LEUCHTEN

Lichtstärke in cd/klm

C180-0 | C210-30 | C215-35 | C270-90

Imax: 476 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	99.6%
Eta 90° - 180°	0.4%

Lichtstärkeklasse nach EN13201-2

Klasse:	---
Imax 70°	475.9
Imax 80°	249.7
Imax 90°	55.2
Imax >90°	0.0
Imax >95°	0.0

Messbedingungen

DIN EN 13032 und DIN 5032

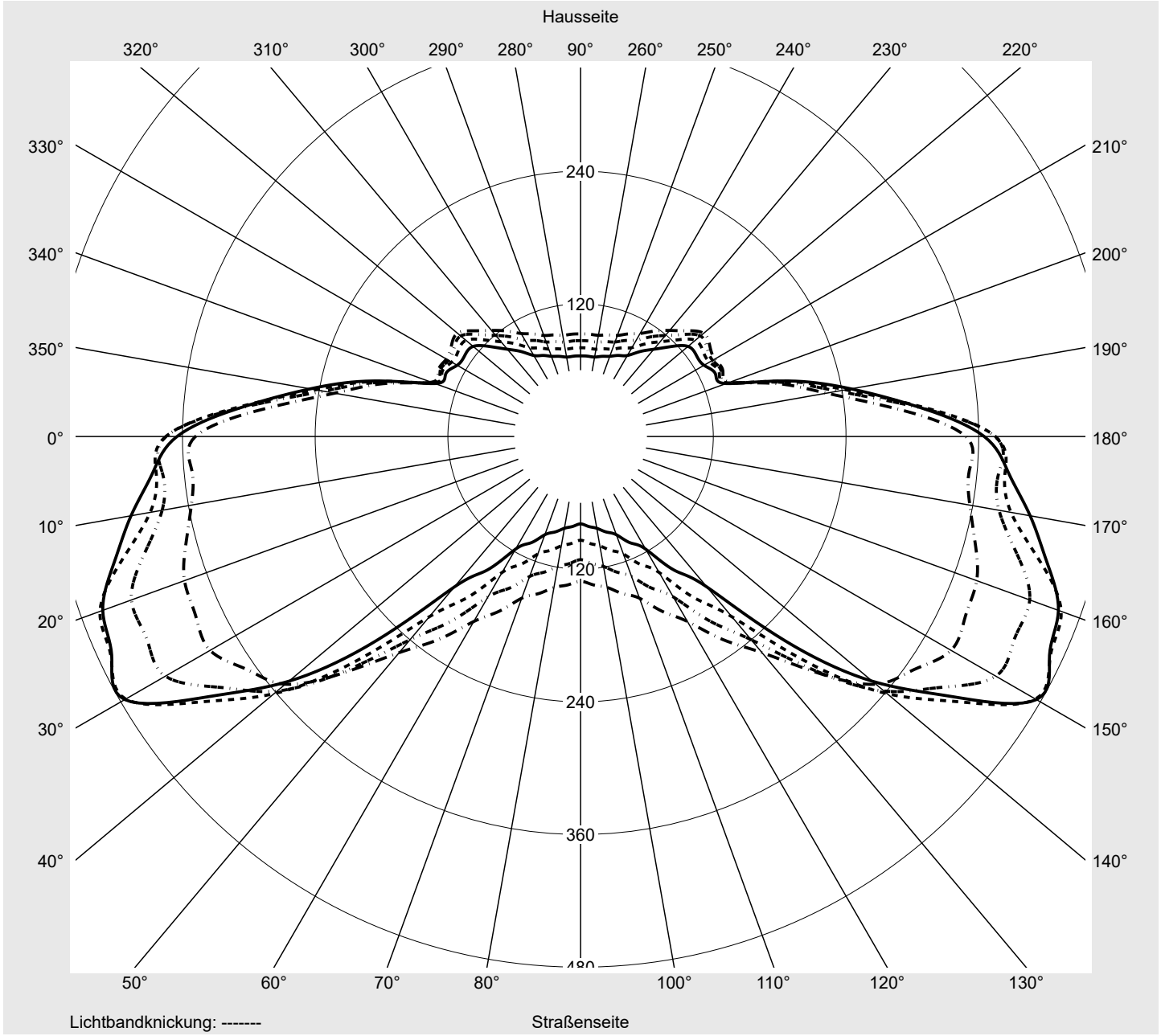
Lichttechnischer Prüfbefund

Familie	Bestell-Nr.: B01S4B4A07140E	LP-Nummer
CANNA 170 LS	**EAN: 4069025287854**	**59740_74**

BERGMEISTER LEUCHTEN

Kegelmantelkurven in cd/klm

KMK 70° | KMK 67,5° | KMK 65° | KMK 62,5°



Lichttechnischer Prüfbefund

Familie	Bestell-Nr.: B01S4B4A07140E	LP-Nummer
CANNA 170 LS	**EAN: 4069025287854**	**59740_74**

BERGMEISTER LEUCHTEN

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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2,5°	1.5	1.6	1.7	1.9	2.0	2.0	2.0	2.5	2.9	2.4	1.8	1.7	1.6
5,0°	12.5	13.6	14.7	15.8	17.0	17.9	18.7	18.9	19.1	18.8	18.4	17.4	16.5
7,5°	38.0	41.1	44.2	49.1	54.1	56.1	58.2	58.1	57.9	56.7	55.5	54.5	53.5
10,0°	62.7	64.3	65.9	71.4	76.8	80.5	84.2	84.7	85.2	85.5	85.8	87.1	88.4
12,5°	77.3	75.8	74.2	80.0	85.7	91.2	96.8	101.4	106.0	102.8	99.5	101.8	104.0
15,0°	107.0	99.4	91.9	101.2	110.5	127.1	143.7	150.1	156.5	151.1	145.6	140.4	135.2
17,5°	127.8	120.7	113.6	119.6	125.5	141.4	157.2	165.7	174.1	169.2	164.4	162.8	161.3
20,0°	134.9	125.7	116.4	122.1	127.8	145.0	162.1	174.5	186.9	182.6	178.4	175.3	172.3
22,5°	146.6	135.6	124.6	130.4	136.3	154.9	173.6	186.4	199.3	195.7	192.1	187.3	182.6
25,0°	163.1	151.0	139.0	142.7	146.5	163.3	180.0	189.8	199.6	197.7	195.9	194.3	192.7
27,5°	171.1	159.5	147.8	149.5	151.2	167.9	184.7	196.2	207.7	205.1	202.5	199.5	196.4
30,0°	180.8	166.8	152.8	155.1	157.5	175.6	193.6	204.6	215.6	213.6	211.5	208.0	204.5
32,5°	186.8	173.6	160.3	162.3	164.3	180.9	197.5	211.1	224.6	222.5	220.4	214.7	208.9
35,0°	196.8	182.5	168.1	169.0	169.8	187.2	204.6	217.0	229.3	227.0	224.7	219.5	214.3
37,5°	206.9	193.0	179.0	179.8	180.5	196.5	212.5	225.8	239.2	236.0	232.9	226.8	220.8
40,0°	213.4	200.4	187.5	188.2	188.9	205.0	221.1	234.5	248.0	244.3	240.6	233.4	226.2
42,5°	218.1	206.9	195.7	195.2	194.8	211.5	228.2	243.7	259.2	253.5	247.7	238.8	229.9
45,0°	225.5	213.8	202.1	203.3	204.5	222.4	240.3	253.7	267.2	260.9	254.7	244.2	233.7
47,5°	235.1	224.5	213.8	215.4	216.9	233.4	250.0	265.5	281.0	272.2	263.3	249.2	235.0
50,0°	248.3	237.3	226.2	227.3	228.4	246.7	265.0	277.9	290.8	278.9	267.1	251.6	236.0
52,5°	258.7	250.8	242.9	244.6	246.3	263.9	281.5	291.6	301.8	285.9	270.0	252.2	234.4
55,0°	272.8	266.9	261.0	263.1	265.3	282.7	300.1	306.3	312.5	291.8	271.0	248.7	226.5
57,5°	288.1	286.8	285.4	289.9	294.5	309.6	324.6	326.8	329.0	300.6	272.2	245.9	219.6
60,0°	315.8	317.9	320.1	326.2	332.3	342.3	352.3	346.3	340.2	302.9	265.6	238.6	211.6
62,5°	348.3	352.9	357.4	369.3	381.2	384.0	386.9	367.8	348.6	301.9	255.2	224.2	193.2
65,0°	374.9	379.6	384.2	408.2	432.2	432.9	433.6	395.9	358.2	299.1	240.0	203.8	167.5
67,5°	375.2	385.2	395.2	428.8	462.5	468.7	475.0	418.4	361.9	287.3	212.8	177.4	142.0
70,0°	365.0	388.9	412.8	436.3	459.8	467.9	475.9	410.1	344.4	261.0	177.6	147.6	117.6
72,5°	359.3	390.8	422.2	431.8	441.5	443.8	446.2	374.7	303.3	224.5	145.7	121.5	97.4
75,0°	350.6	359.1	367.6	392.9	418.2	412.8	407.3	329.0	250.7	184.3	118.0	99.7	81.4
77,5°	312.2	297.0	281.9	313.4	345.0	343.0	341.0	270.6	200.1	147.9	95.7	81.7	67.8
80,0°	249.7	228.7	207.8	226.1	244.5	246.2	247.8	198.5	149.2	113.2	77.2	66.8	56.4
82,5°	185.8	166.2	146.5	155.8	165.1	164.4	163.7	135.5	107.3	84.6	62.0	54.3	46.7
85,0°	128.1	115.8	103.6	107.3	111.1	110.4	109.8	93.6	77.5	62.7	47.9	42.7	37.5
87,5°	83.7	78.4	73.2	74.4	75.7	74.3	72.9	63.5	54.0	44.4	34.8	31.5	28.2
90,0°	53.0	52.6	52.3	51.5	50.7	49.1	47.5	41.4	35.4	30.0	24.6	22.3	20.1
92,5°	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
95,0°	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
97,5°	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
100,0°	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
102,5°	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
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
107,5°	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
110,0°	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
112,5°	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

Lichttechnischer Prüfbefund

Familie	Bestell-Nr.: B01S4B4A07140E	LP-Nummer
CANNA 170 LS	EAN: 4069025287854	59740_74

BERGMEISTER LEUCHTEN

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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2,5°	1.4	1.3	1.3	1.3	1.4	1.6	1.3	1.1	1.1	1.1	1.0	0.9	0.9
5,0°	15.4	14.4	14.0	13.6	16.3	18.9	13.0	13.5	13.4	13.3	11.9	10.5	10.1
7,5°	51.2	48.8	48.1	47.3	51.5	55.7	40.9	43.9	40.2	36.6	36.1	35.5	35.0
10,0°	85.7	82.9	83.0	83.0	85.7	88.5	67.4	72.1	67.8	63.5	60.1	56.7	60.1
12,5°	103.0	101.9	100.8	99.7	101.5	103.3	86.3	95.3	87.5	79.6	71.1	62.6	68.4
15,0°	132.3	129.4	127.8	126.1	130.6	135.1	112.4	117.7	107.5	97.2	90.9	84.6	97.9
17,5°	158.7	156.2	156.7	157.2	159.0	160.7	130.7	133.6	123.3	113.0	108.4	103.7	115.6
20,0°	168.7	165.1	165.4	165.7	168.1	170.5	137.9	140.9	128.2	115.5	112.0	108.4	124.0
22,5°	177.8	173.1	171.6	170.1	171.2	172.2	149.0	151.3	135.3	119.3	119.5	119.6	135.1
25,0°	189.2	185.6	184.5	183.5	186.1	188.6	162.3	161.5	143.7	126.0	126.2	126.3	139.3
27,5°	195.7	194.9	192.4	189.8	192.1	194.4	164.0	157.0	142.7	128.4	129.3	130.3	143.3
30,0°	201.6	198.7	197.8	197.0	196.9	196.7	172.9	164.9	146.6	128.4	130.4	132.5	146.2
32,5°	205.5	202.0	199.0	195.9	198.0	200.0	175.3	163.8	146.8	129.8	134.1	138.4	150.6
35,0°	210.9	207.5	205.3	203.1	204.7	206.4	185.0	173.2	153.6	134.1	136.6	139.1	150.0
37,5°	216.8	212.9	210.0	207.1	208.6	210.1	191.7	176.4	157.0	137.5	140.3	143.1	152.3
40,0°	221.1	216.1	213.1	210.2	211.2	212.2	197.9	182.4	159.9	137.5	140.1	142.7	152.1
42,5°	223.9	217.9	214.7	211.5	211.1	210.8	199.8	181.5	159.5	137.5	140.9	144.3	152.5
45,0°	226.5	219.3	214.4	209.4	207.8	206.1	205.9	186.3	162.4	138.5	141.5	144.6	152.3
47,5°	226.8	218.7	213.2	207.6	205.6	203.5	212.6	190.1	165.0	139.8	142.6	145.3	151.9
50,0°	225.7	215.4	209.4	203.4	200.2	197.0	222.2	196.1	168.6	141.1	143.8	146.4	151.6
52,5°	221.5	208.5	200.5	192.5	190.0	187.6	228.9	199.2	170.4	141.7	143.4	145.1	149.8
55,0°	212.7	198.9	192.1	185.3	183.9	182.5	238.0	203.3	172.8	142.2	143.3	144.4	148.6
57,5°	206.1	192.6	184.7	176.7	173.1	169.4	247.5	206.8	174.7	142.6	143.2	143.8	147.7
60,0°	195.1	178.7	168.3	158.0	153.6	149.3	265.4	215.1	178.9	142.7	142.3	141.9	145.2
62,5°	174.4	155.7	147.1	138.6	134.8	131.0	287.1	225.8	184.7	143.6	141.9	140.1	142.7
65,0°	151.1	134.7	127.0	119.3	115.4	111.4	305.6	236.2	189.3	142.5	140.2	137.8	139.7
67,5°	127.5	113.1	106.8	100.4	97.1	93.8	309.3	243.4	192.6	141.9	138.2	134.6	135.0
70,0°	106.1	94.5	89.4	84.3	81.6	79.0	306.7	248.3	194.2	140.1	134.5	128.9	127.8
72,5°	88.4	79.5	75.5	71.4	69.0	66.6	301.7	244.0	191.2	138.5	130.3	122.1	119.4
75,0°	74.3	67.2	63.4	59.6	57.4	55.1	289.7	228.7	182.5	136.2	124.4	112.6	108.1
77,5°	61.9	55.9	52.5	49.1	47.2	45.4	258.2	204.2	168.0	131.9	116.5	101.0	94.7
80,0°	51.3	46.2	43.1	40.0	38.3	36.7	215.1	180.4	151.4	122.3	104.2	86.1	78.4
82,5°	42.4	38.0	34.9	31.9	30.3	28.7	169.4	153.0	129.9	106.7	88.7	70.7	62.9
85,0°	34.0	30.5	27.6	24.8	23.4	22.0	125.1	122.1	104.1	86.0	70.4	54.8	48.6
87,5°	25.6	23.1	20.8	18.5	17.2	15.9	86.4	89.1	75.8	62.4	51.0	39.5	35.3
90,0°	18.2	16.3	14.4	12.6	11.9	11.2	54.1	55.2	47.4	39.6	32.6	25.6	23.4
92,5°	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
95,0°	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
97,5°	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
100,0°	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
102,5°	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
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
107,5°	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
110,0°	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
112,5°	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

Lichttechnischer Prüfbefund

Familie	Bestell-Nr.: B01S4B4A07140E	LP-Nummer
CANNA 170 LS	**EAN: 4069025287854**	**59740_74**

BERGMEISTER LEUCHTEN

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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	**0.0**	**0.0**
2,5°	0.9	1.0	1.0	1.0	1.0	1.1	1.2	1.3	1.4	1.3	1.2	**0.0**	**0.0**
5,0°	9.7	9.8	10.0	10.1	10.2	11.9	13.7	14.3	14.9	13.1	11.2	**0.3**	**0.4**
7,5°	34.5	38.5	42.5	43.3	44.1	45.2	46.4	48.6	50.9	47.0	43.1	**1.7**	**2.0**
10,0°	63.5	67.8	72.1	72.2	72.3	72.4	72.5	73.5	74.6	72.5	70.5	**3.5**	**5.6**
12,5°	74.1	79.7	85.2	86.6	88.0	88.0	88.1	86.0	84.0	83.1	82.2	**5.3**	**10.8**
15,0°	111.2	119.9	128.6	129.3	130.0	124.3	118.6	116.9	115.1	112.9	110.6	**8.6**	**19.4**
17,5°	127.5	136.2	144.9	143.0	141.0	138.9	136.7	136.5	136.3	135.5	134.7	**11.5**	**30.9**
20,0°	139.6	148.1	156.6	153.0	149.4	143.7	138.0	136.3	134.7	134.4	134.1	**13.8**	**44.7**
22,5°	150.7	155.9	161.2	156.8	152.5	147.4	142.4	139.4	136.5	134.5	132.5	**16.2**	**60.9**
25,0°	152.2	155.7	159.1	156.1	153.0	149.1	145.1	142.9	140.7	139.5	138.4	**18.8**	**79.7**
27,5°	156.4	158.7	161.0	156.4	151.7	147.2	142.6	140.9	139.2	138.5	137.7	**20.9**	**100.6**
30,0°	159.9	160.7	161.4	156.9	152.5	147.2	141.9	139.1	136.4	135.2	133.9	**23.3**	**123.9**
32,5°	162.8	161.8	160.9	155.4	149.9	144.9	139.9	137.2	134.5	133.3	132.1	**25.4**	**149.3**
35,0°	160.8	159.1	157.4	152.4	147.3	143.0	138.7	136.4	134.0	133.0	131.9	**27.7**	**177.0**
37,5°	161.6	159.1	156.7	151.0	145.3	140.8	136.3	134.0	131.7	131.0	130.3	**30.1**	**207.2**
40,0°	161.4	158.4	155.4	149.2	143.0	138.3	133.5	131.1	128.6	128.1	127.6	**32.4**	**239.5**
42,5°	160.6	157.0	153.5	147.5	141.6	136.2	130.8	128.1	125.3	124.8	124.3	**34.4**	**274.0**
45,0°	160.1	155.7	151.3	144.7	138.0	132.7	127.3	125.1	122.9	122.3	121.6	**36.5**	**310.5**
47,5°	158.5	153.6	148.7	141.9	135.1	129.7	124.2	122.0	119.7	119.1	118.4	**38.7**	**349.1**
50,0°	156.7	151.0	145.3	138.4	131.5	126.2	120.9	118.6	116.3	115.7	115.0	**40.7**	**389.9**
52,5°	154.6	148.1	141.7	134.4	127.2	122.0	116.8	114.4	112.1	111.6	111.2	**42.6**	**432.4**
55,0°	152.8	145.8	138.9	131.5	124.2	118.5	112.9	110.3	107.6	107.2	106.8	**44.5**	**476.9**
57,5°	151.7	143.5	135.2	127.3	119.4	113.8	108.2	105.6	103.0	102.8	102.7	**46.6**	**523.5**
60,0°	148.5	139.6	130.6	122.3	113.9	108.5	103.2	100.6	98.1	98.1	98.2	**48.7**	**572.2**
62,5°	145.2	135.3	125.3	116.4	107.6	102.5	97.3	95.1	93.0	92.9	92.8	**50.7**	**623.0**
65,0°	141.5	130.4	119.3	110.0	100.7	95.8	91.0	88.9	86.7	86.7	86.7	**52.4**	**675.4**
67,5°	135.4	123.6	111.9	102.4	92.8	88.5	84.1	82.2	80.2	80.2	80.3	**52.8**	**728.2**
70,0°	126.8	114.9	103.1	93.9	84.6	80.9	77.2	75.1	73.0	73.0	72.9	**51.4**	**779.5**
72,5°	116.7	104.9	93.2	84.8	76.3	72.9	69.5	66.1	62.7	62.4	62.2	**48.7**	**828.2**
75,0°	103.7	92.9	82.1	74.7	67.3	63.6	60.0	56.2	52.3	51.7	51.1	**44.4**	**872.6**
77,5°	88.3	79.4	70.5	64.4	58.4	54.6	50.7	47.1	43.5	42.9	42.3	**37.8**	**910.4**
80,0°	70.7	64.3	57.9	53.4	48.9	45.1	41.4	38.5	35.6	35.2	34.8	**30.0**	**940.4**
82,5°	55.2	50.5	45.9	43.0	40.2	36.7	33.3	31.0	28.6	28.5	28.3	**22.8**	**963.2**
85,0°	42.4	38.9	35.4	33.6	31.8	28.9	26.0	24.2	22.4	22.4	22.4	**16.9**	**980.1**
87,5°	31.1	28.5	25.9	24.7	23.6	21.1	18.7	17.5	16.3	16.6	16.9	**12.0**	**992.0**
90,0°	21.2	19.6	18.1	17.0	15.9	14.3	12.7	12.0	11.3	11.6	11.8	**8.0**	**1000.0**
92,5°	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**
95,0°	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**
97,5°	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**
100,0°	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**
102,5°	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**
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**
107,5°	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**
110,0°	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**
112,5°	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**

Lichttechnischer Prüfbefund

Familie	Bestell-Nr.: B01S4B4A07140E	LP-Nummer
CANNA 170 LS	EAN: 4069025287854	59740_74

BERGMEISTER LEUCHTEN

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°	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
117,5°	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
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
122,5°	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
125,0°	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
127,5°	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
130,0°	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
132,5°	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
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
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

Familie	Bestell-Nr.: B01S4B4A07140E	LP-Nummer
CANNA 170 LS	EAN: 4069025287854	59740_74

BERGMEISTER LEUCHTEN

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°	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
117,5°	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
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
122,5°	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
125,0°	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
127,5°	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
130,0°	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
132,5°	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
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
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

Familie	Bestell-Nr.: B01S4B4A07140E	LP-Nummer
CANNA 170 LS	EAN: 4069025287854	59740_74

BERGMEISTER LEUCHTEN

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°	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**
117,5°	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**
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**
122,5°	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**
125,0°	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**
127,5°	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**
130,0°	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**
132,5°	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**
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**
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

Familie	Bestell-Nr.: B01S4B4A07140E	LP-Nummer
CANNA 170 LS	EAN: 4069025287854	59740_74

BERGMEISTER LEUCHTEN

Dimmstufen-Tabelle

Umgebungstemperatur: 25°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	4520	37.2	38.5	37.8
95	240	252	4301	35.3	36.5	35.9
90	225	250	4061	33.3	34.4	33.8
85	211	247	3834	31.3	32.4	31.8
80	198	245	3620	29.4	30.5	30.0
75	184	242	3387	27.5	28.4	28.0
70	171	240	3166	25.7	26.5	26.1
65	158	237	2943	23.8	24.6	24.2
60	145	233	2716	21.9	22.7	22.3
55	132	230	2486	20.0	20.7	20.4
50	119	226	2254	18.2	18.8	18.5
45	107	222	2037	16.6	17.1	16.8
40	95	218	1817	15.0	15.5	15.2
35	82	213	1576	13.3	13.7	13.5
30	70	207	1351	11.9	12.2	12.0
25	58	200	1123	10.4	10.7	10.6
20	47	192	913	9.2	9.3	9.2
17	39	185	758	8.3	8.4	8.4