Photometric test report

Family
CANNA 170 LS



Order number: B01S4B4A07140E
EAN: 4069025287854

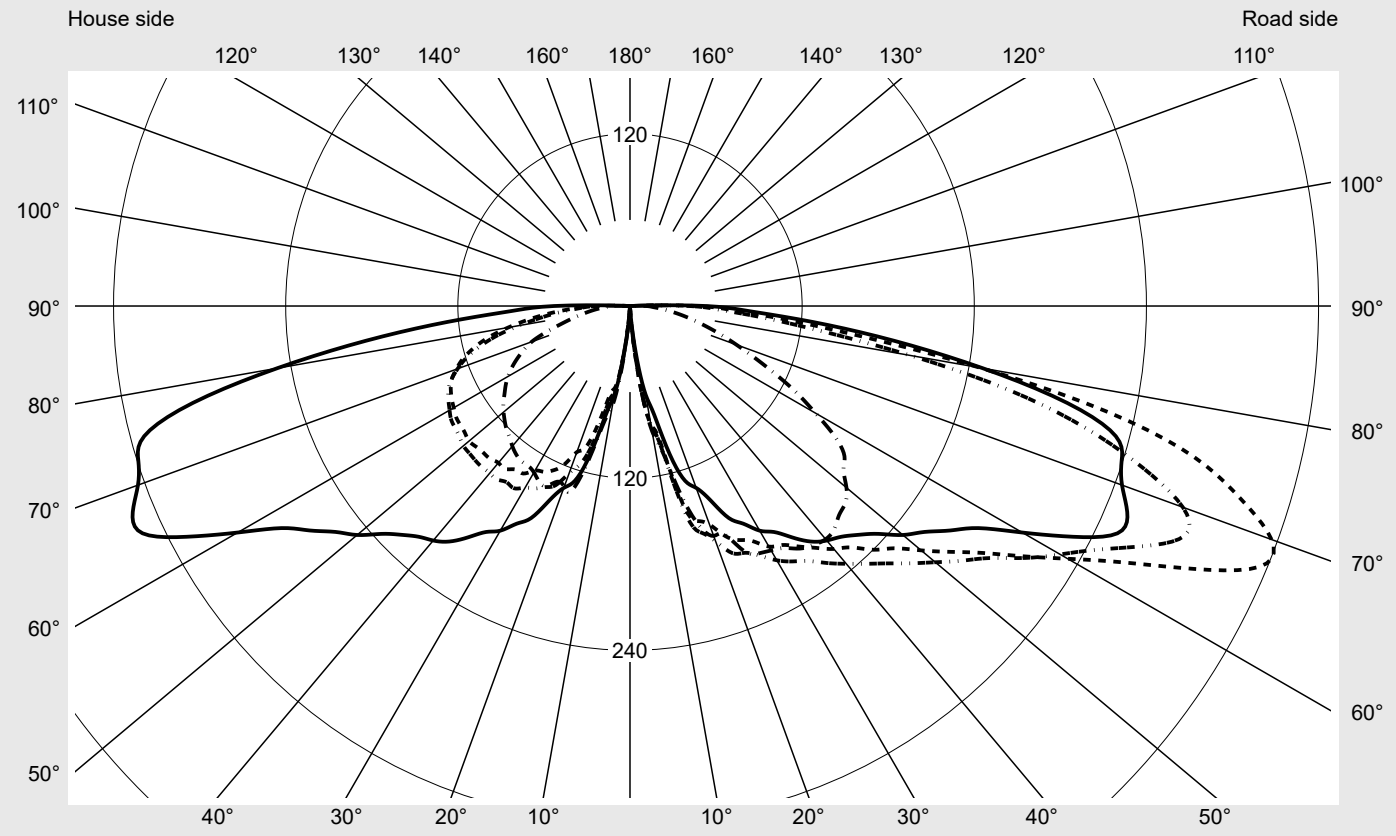
LP number
59740_74

serial documentation
09.04.2025

Version	pillar luminaire, earth piece
Optic	asymmetric, extremely wide distribution (P1.2a)
Cover	cover transparent, PMMA
Lamps	LED 3000 K | CRI ≥ 80
Controlgear	ECG
Rated values	Net luminous flux = 4520 lm Power consumption = 37.2 W Luminous efficacy = 121.5 lm/W

BERGMEISTER LEUCHTEN

Luminous intensity in cd/klm C180-0 C210-30 C215-35 C270-90 **Imax: 476 cd/klm**



Luminaire output ratios

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

Luminous intensity class acc. to EN13201-2

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

Measurement conditions

DIN EN 13032 and DIN 5032

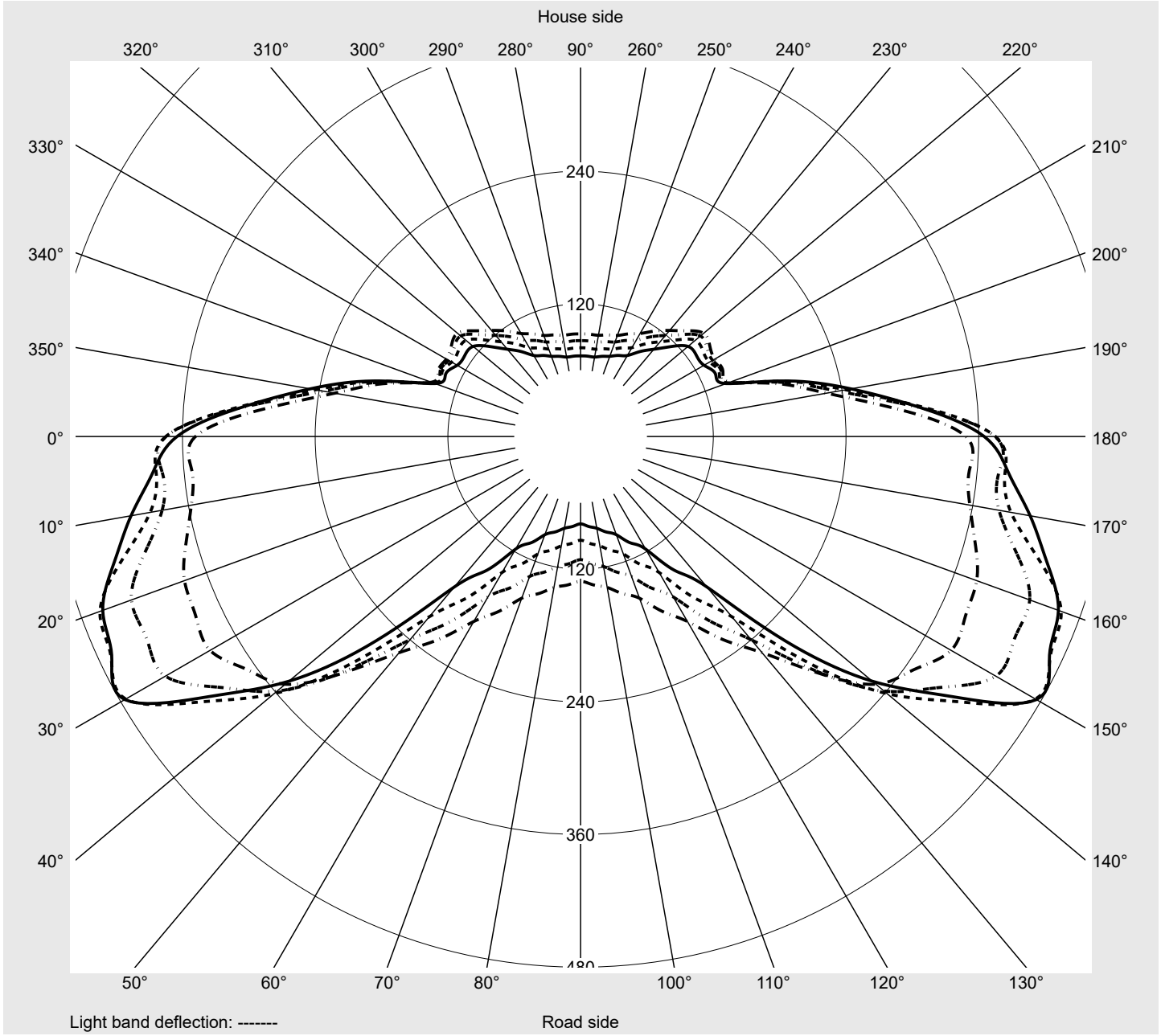
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BERGMEISTER LEUCHTEN

Envelope curve in cd/klm

KMK 70° KMK 67,5° KMK 65° KMK 62,5°



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BERGMEISTER LEUCHTEN

Table of values for luminous intensities

Maximum luminous intensity

C-planes	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	Luminous intensity 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

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LP number
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BERGMEISTER LEUCHTEN

Table of values for luminous intensities

Maximum luminous intensity

C-planes	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	Luminous intensity 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

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Table of values for luminous intensities

Maximum luminous intensity

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux 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**

Photometric test report

Family	Order number: B01S4B4A07140E	LP number
CANNA 170 LS	EAN: 4069025287854	59740_74

BERGMEISTER LEUCHTEN

Table of values for luminous intensities

Maximum luminous intensity

C-planes	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	Luminous intensity 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

Photometric test report

Family	Order number: B01S4B4A07140E	LP number
CANNA 170 LS	EAN: 4069025287854	59740_74

BERGMEISTER LEUCHTEN

Table of values for luminous intensities

Maximum luminous intensity

C-planes	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	Luminous intensity 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

Photometric test report

Family	Order number: B01S4B4A07140E	LP number
CANNA 170 LS	EAN: 4069025287854	59740_74

BERGMEISTER LEUCHTEN

Table of values for luminous intensities

Maximum luminous intensity

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux 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**

Photometric test report

Family	Order number: B01S4B4A07140E	LP number
CANNA 170 LS	EAN: 4069025287854	59740_74

BERGMEISTER LEUCHTEN

Dimming levels table

environmental temperature: 25°C

Luminous flux [%]	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]start of lifetime	Power consumption [W]end of lifetime	Power consumption [W]average
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