Photometric test report

Family
CANNA 170 PL



Order number: B01P4B4A07111E
EAN: 4069025287847

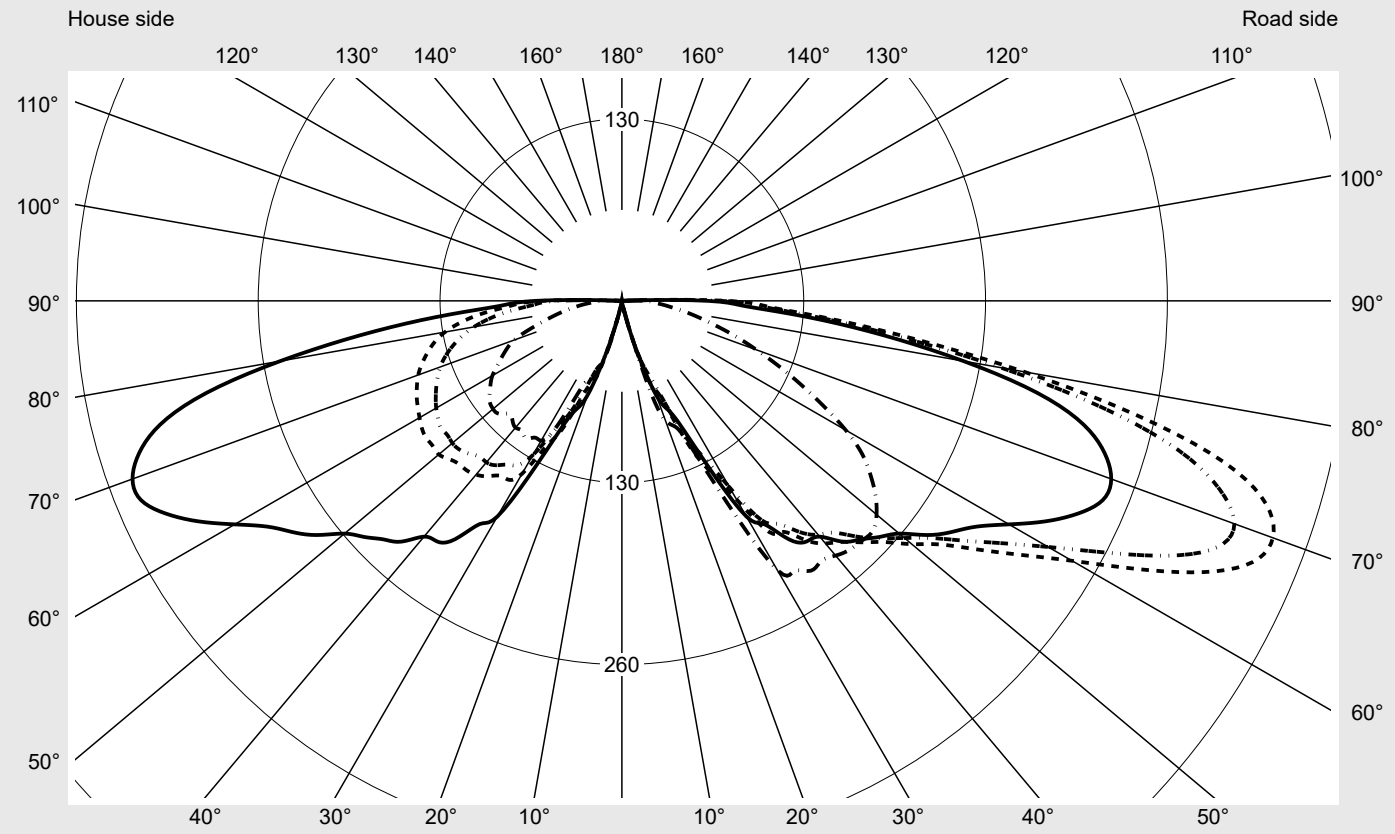
LP number
59752_18

serial documentation
09.04.2025

Version	bollard 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 = 2780 lm Power consumption = 28.1 W Luminous efficacy = 98.9 lm/W

BERGMEISTER LEUCHTEN

Luminous intensity in cd/klm C180-0 C200-20 C205-25 C270-90 **Imax: 495 cd/klm**



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	99.5%
Eta 90° - 180°	0.5%

Luminous intensity class acc. to EN13201-2

Class:	---
Imax 70°	495.3
Imax 80°	292.0
Imax 90°	75.4
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions

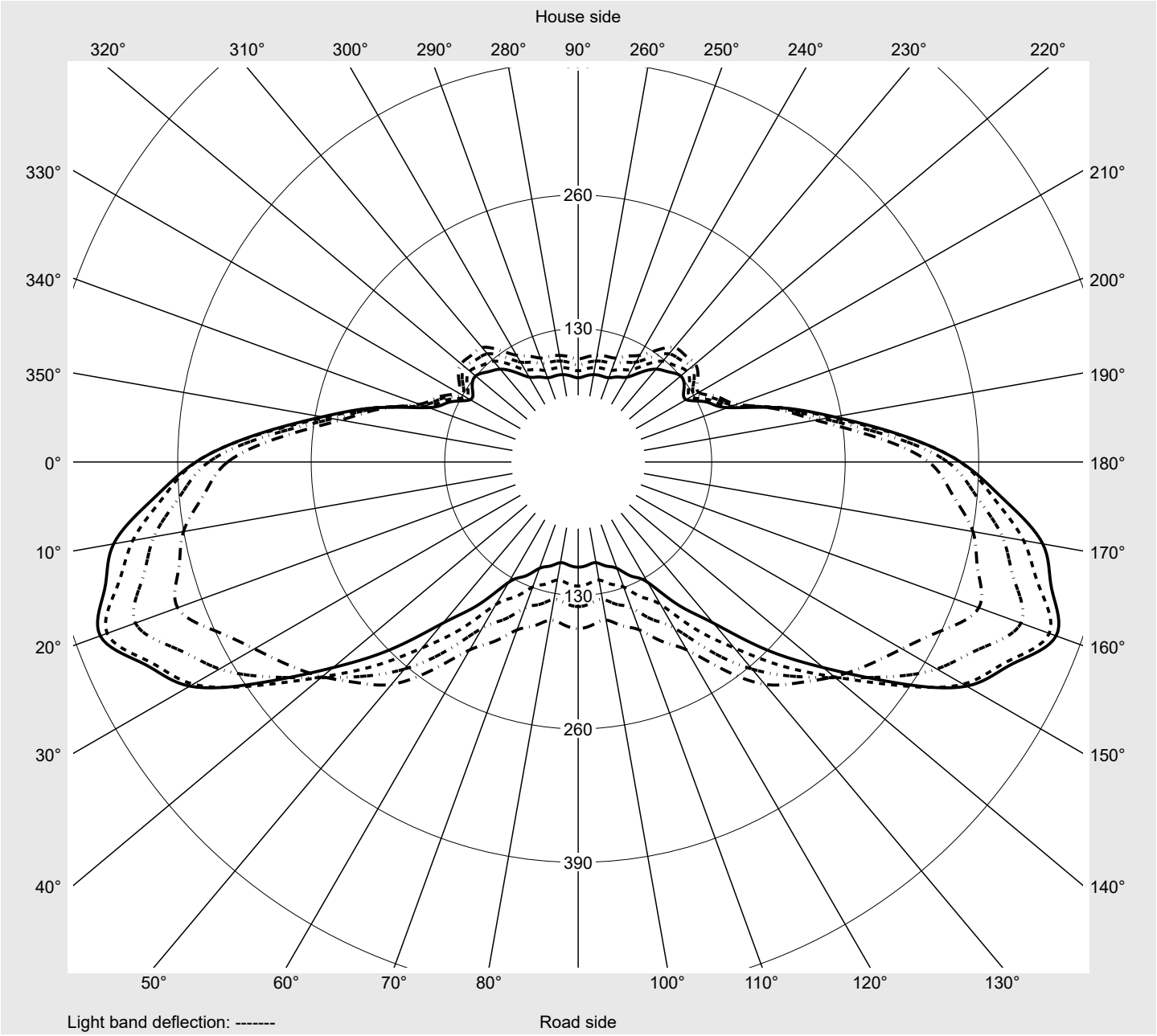
DIN EN 13032 and DIN 5032

Photometric test report

Family	Order number: B01P4B4A07111E	LP number
CANNA 170 PL	**EAN: 4069025287847**	**59752_18**

BERGMEISTER LEUCHTEN

Envelope curve in cd/klm KMK 70° KMK 67,5° KMK 65° KMK 62,5°



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CANNA 170 PL	EAN: 4069025287847	59752_18

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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
2,5°	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
5,0°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
7,5°	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6
10,0°	3.0	3.0	3.1	3.1	3.2	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2
12,5°	6.0	6.5	6.9	7.6	8.2	9.8	11.4	10.3	9.3	9.2	9.1	9.6	10.1
15,0°	23.3	24.2	25.1	24.2	23.3	22.4	21.6	23.4	25.2	23.5	21.7	24.4	27.1
17,5°	46.5	50.0	53.5	52.3	51.2	43.9	36.7	40.3	43.9	42.3	40.7	44.6	48.5
20,0°	71.9	76.4	80.9	73.6	66.3	56.8	47.3	55.3	63.2	71.1	79.0	80.1	81.2
22,5°	83.2	85.1	87.0	82.8	78.6	74.9	71.1	86.7	102.4	107.0	111.6	112.2	112.7
25,0°	96.2	105.0	113.9	114.5	115.1	106.3	97.6	107.1	116.7	129.7	142.7	138.2	133.7
27,5°	133.2	137.8	142.5	140.3	138.1	125.6	113.1	123.7	134.2	144.7	155.2	155.3	155.5
30,0°	178.0	173.9	169.8	166.7	163.6	154.0	144.4	154.7	165.0	177.9	190.9	193.7	196.6
32,5°	189.2	188.1	186.9	191.4	195.9	186.0	176.0	185.3	194.6	205.8	216.9	217.2	217.5
35,0°	208.1	203.6	199.1	200.4	201.6	194.6	187.6	198.0	208.5	221.9	235.3	229.7	224.1
37,5°	216.9	210.8	204.8	210.2	215.6	208.2	200.7	210.8	220.9	233.2	245.5	240.3	235.1
40,0°	220.0	218.7	217.3	221.9	226.4	218.2	209.9	219.8	229.6	242.3	255.0	246.6	238.1
42,5°	233.5	231.0	228.5	231.1	233.7	224.8	215.9	227.4	238.9	251.8	264.8	253.5	242.2
45,0°	241.2	240.5	239.9	242.0	244.2	238.5	232.9	245.3	257.7	269.6	281.6	265.9	250.2
47,5°	249.9	250.0	250.2	252.7	255.2	251.1	247.0	258.6	270.1	278.8	287.5	271.5	255.6
50,0°	258.9	261.0	263.2	266.9	270.6	263.8	256.9	268.8	280.8	288.5	296.3	277.4	258.5
52,5°	275.0	276.9	278.7	282.4	286.0	278.5	271.0	281.5	292.0	297.4	302.8	279.6	256.5
55,0°	288.0	293.0	298.0	303.9	309.8	298.9	288.1	294.8	301.4	303.1	304.7	277.4	250.2
57,5°	300.4	312.3	324.2	331.1	338.0	322.5	307.1	309.0	310.9	306.0	301.1	270.7	240.2
60,0°	319.6	338.5	357.4	364.5	371.7	351.9	332.2	326.0	319.8	306.7	293.7	261.7	229.7
62,5°	341.4	365.9	390.4	402.8	415.2	389.6	364.0	344.7	325.3	304.0	282.8	247.1	211.4
65,0°	359.8	389.7	419.5	439.2	458.9	431.1	403.3	365.1	327.0	295.1	263.3	225.0	186.7
67,5°	372.2	406.3	440.4	464.3	488.1	460.5	432.9	379.3	325.7	281.1	236.5	198.4	160.3
70,0°	372.3	415.8	459.4	477.3	495.3	466.0	436.7	374.2	311.6	258.3	204.9	170.1	135.4
72,5°	361.9	406.7	451.5	467.2	482.9	448.1	413.3	346.1	278.9	224.9	171.0	142.1	113.3
75,0°	341.7	369.9	398.1	421.9	445.7	411.6	377.6	307.1	236.6	188.8	140.9	117.8	94.7
77,5°	304.4	310.1	315.9	346.1	376.3	351.3	326.2	259.5	192.8	153.8	114.8	96.8	78.8
80,0°	248.0	240.8	233.6	262.8	292.0	275.3	258.6	205.0	151.4	121.7	92.0	78.8	65.5
82,5°	188.8	177.1	165.4	189.2	213.1	203.1	193.2	153.1	113.0	92.5	71.9	62.9	53.9
85,0°	133.6	125.2	116.8	134.1	151.4	144.9	138.5	109.8	81.2	67.4	53.6	48.5	43.4
87,5°	88.8	87.1	85.4	96.1	106.7	102.1	97.4	77.6	57.7	48.6	39.5	36.5	33.5
90,0°	61.6	63.1	64.6	70.0	75.4	71.0	66.6	53.8	41.1	36.1	31.2	28.8	26.4
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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CANNA 170 PL

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EAN: 4069025287847

LP number
59752_18

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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
2,5°	0.4	0.4	0.4	0.4	0.3	0.2	0.5	0.5	0.5	0.5	0.5	0.4	0.4
5,0°	0.8	0.8	0.9	0.9	0.7	0.5	0.8	0.8	0.8	0.8	0.7	0.6	0.6
7,5°	1.7	1.7	1.7	1.7	1.5	1.3	1.4	1.4	1.4	1.3	1.2	1.1	1.1
10,0°	3.2	3.2	3.3	3.3	3.0	2.6	2.9	2.8	2.7	2.6	2.4	2.3	2.2
12,5°	9.2	8.2	8.0	7.9	6.9	6.0	6.0	5.9	6.1	6.4	6.4	6.5	7.8
15,0°	27.8	28.5	29.0	29.5	24.0	18.5	25.0	26.8	23.3	19.8	19.0	18.2	19.3
17,5°	54.4	60.2	59.4	58.6	63.6	68.6	47.3	48.0	49.2	50.5	43.9	37.4	37.9
20,0°	85.7	90.2	83.8	77.5	84.2	91.0	69.1	66.4	64.4	62.3	51.2	40.0	41.3
22,5°	107.3	102.0	92.0	82.0	89.3	96.7	80.6	77.9	75.6	73.4	67.4	61.5	66.2
25,0°	128.1	122.5	112.9	103.3	106.9	110.6	97.2	98.2	99.9	101.7	89.6	77.4	82.9
27,5°	152.7	149.9	149.1	148.3	155.2	162.0	131.7	130.1	123.8	117.5	104.8	92.2	93.5
30,0°	194.8	192.9	190.6	188.2	205.2	222.3	170.4	162.7	152.7	142.7	127.3	112.0	112.4
32,5°	215.4	213.2	210.2	207.1	218.1	229.1	183.0	176.8	164.2	151.5	139.4	127.2	130.1
35,0°	223.2	222.3	217.8	213.4	224.5	235.5	196.0	183.8	168.2	152.5	142.9	133.3	136.1
37,5°	230.2	225.2	220.8	216.4	225.3	234.3	203.6	190.3	174.2	158.1	148.1	138.2	140.1
40,0°	231.6	225.0	223.3	221.6	229.7	237.7	207.0	194.0	178.1	162.2	150.7	139.2	139.8
42,5°	235.6	229.0	226.8	224.6	232.9	241.2	216.8	200.1	182.2	164.3	151.0	137.6	139.5
45,0°	242.3	234.4	230.8	227.2	234.9	242.6	222.1	203.1	184.0	164.9	154.5	144.2	146.9
47,5°	247.1	238.5	234.0	229.4	236.5	243.5	228.8	207.8	187.7	167.5	157.4	147.3	151.7
50,0°	247.2	235.9	230.7	225.5	231.6	237.7	236.8	214.8	192.8	170.8	158.2	145.5	151.8
52,5°	243.3	230.0	223.8	217.5	223.1	228.6	247.1	219.1	194.8	170.4	157.4	144.4	151.2
55,0°	235.5	220.9	213.6	206.3	211.7	217.0	255.5	222.9	196.9	170.8	158.0	145.2	151.4
57,5°	224.7	209.2	201.5	193.8	198.7	203.6	263.3	226.2	197.9	169.5	155.9	142.2	148.5
60,0°	212.0	194.3	185.7	177.1	180.9	184.8	274.4	229.1	198.1	167.1	153.3	139.5	146.0
62,5°	192.8	174.1	165.2	156.4	159.3	162.3	288.1	234.9	199.7	164.5	150.0	135.6	142.1
65,0°	168.9	151.1	143.5	135.8	138.3	140.8	301.4	243.0	202.4	161.9	146.4	131.0	137.6
67,5°	145.0	129.7	123.2	116.8	118.8	120.9	311.2	250.2	204.4	158.6	142.5	126.5	132.1
70,0°	122.8	110.2	104.9	99.6	101.0	102.4	312.7	253.1	204.0	155.0	138.2	121.4	125.9
72,5°	103.3	93.3	88.8	84.2	85.2	86.2	305.6	249.4	199.7	149.9	132.4	114.9	117.3
75,0°	86.6	78.6	74.1	69.7	70.2	70.8	289.0	236.3	190.2	144.0	125.4	106.8	107.4
77,5°	71.7	64.7	60.8	56.9	57.4	57.9	258.6	212.8	175.1	137.4	117.3	97.2	95.9
80,0°	59.3	53.1	49.5	45.9	46.3	46.6	217.5	187.0	157.7	128.4	107.5	86.5	82.0
82,5°	48.9	43.9	40.1	36.3	36.3	36.3	174.9	161.0	138.2	115.5	94.8	74.1	67.1
85,0°	39.3	35.3	31.9	28.6	28.4	28.3	134.4	135.2	117.0	98.7	79.4	60.0	52.7
87,5°	30.4	27.3	24.5	21.8	21.6	21.4	97.2	105.6	92.5	79.3	62.8	46.3	40.5
90,0°	24.0	21.5	19.4	17.3	17.0	16.7	67.6	73.6	65.3	57.0	45.8	34.7	30.6
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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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	
0,0°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0
2,5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.0	0.0
5,0°	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
7,5°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.1
10,0°	2.2	2.1	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.7	1.7	0.1	0.2
12,5°	9.1	8.0	6.8	7.8	8.9	7.5	6.1	5.8	5.4	5.0	4.7	0.5	0.6
15,0°	20.4	17.3	14.3	17.0	19.6	18.4	17.1	17.7	18.3	23.3	28.3	1.6	2.2
17,5°	38.4	33.2	28.1	33.9	39.7	39.0	38.4	43.7	48.9	47.5	46.1	3.8	6.0
20,0°	42.6	44.7	46.8	51.9	57.1	57.7	58.4	58.4	58.4	58.0	57.7	6.1	12.1
22,5°	70.9	71.4	71.9	74.8	77.7	71.2	64.7	66.1	67.5	65.5	63.4	8.6	20.7
25,0°	88.3	92.4	96.5	94.2	92.0	85.0	78.0	78.6	79.2	74.1	69.0	11.9	32.5
27,5°	94.8	99.4	104.0	105.5	107.0	99.5	92.0	96.8	101.7	102.1	102.5	15.8	48.3
30,0°	112.8	116.6	120.4	122.5	124.6	119.7	114.8	118.5	122.1	118.8	115.5	21.1	69.4
32,5°	133.0	132.6	132.1	133.3	134.5	127.3	120.0	123.4	126.9	121.4	115.9	25.1	94.5
35,0°	139.0	140.0	141.0	139.3	137.5	128.9	120.2	124.1	128.0	123.9	119.9	28.1	122.6
37,5°	142.0	141.5	141.0	139.8	138.5	131.1	123.7	125.8	127.9	122.6	117.2	30.8	153.4
40,0°	140.4	139.3	138.3	138.2	138.1	130.6	123.0	123.4	123.8	121.0	118.3	33.1	186.5
42,5°	141.3	140.4	139.5	137.7	135.9	129.2	122.5	122.8	123.0	119.4	115.8	35.5	222.0
45,0°	149.6	150.5	151.3	145.6	139.9	131.7	123.6	123.5	123.5	118.9	114.3	38.6	260.6
47,5°	156.1	159.6	163.1	152.5	141.9	134.2	126.6	126.1	125.7	122.5	119.4	41.6	302.2
50,0°	158.1	161.3	164.6	152.6	140.6	133.8	127.0	126.8	126.6	123.4	120.2	44.0	346.2
52,5°	158.0	161.4	164.8	152.4	140.0	133.8	127.6	126.8	126.1	122.5	119.0	46.3	392.5
55,0°	157.6	159.8	162.0	149.7	137.4	130.7	123.9	122.9	121.8	118.6	115.4	48.3	440.9
57,5°	154.7	155.9	157.1	144.7	132.2	125.3	118.5	117.5	116.6	114.0	111.4	50.1	491.0
60,0°	152.5	152.4	152.4	139.6	126.7	120.0	113.4	112.0	110.7	108.8	106.9	51.9	542.8
62,5°	148.7	147.1	145.5	132.8	120.0	113.9	107.8	106.6	105.4	102.9	100.4	53.4	596.2
65,0°	144.1	140.8	137.5	124.9	112.4	107.3	102.2	101.0	99.8	97.2	94.6	54.6	650.8
67,5°	137.8	133.0	128.2	116.0	103.8	99.4	95.0	94.2	93.5	91.2	88.9	54.9	705.7
70,0°	130.3	124.2	118.1	106.8	95.5	91.4	87.3	86.9	86.4	84.2	82.0	53.9	759.6
72,5°	119.6	113.1	106.6	96.4	86.3	82.8	79.4	77.8	76.1	73.4	70.7	51.0	810.6
75,0°	108.0	101.3	94.5	85.5	76.6	73.1	69.5	66.8	64.2	61.8	59.5	46.3	856.9
77,5°	94.6	88.4	82.2	74.6	67.1	62.7	58.4	56.0	53.6	51.8	50.1	40.0	896.9
80,0°	77.4	72.9	68.5	62.9	57.3	52.6	47.9	46.1	44.3	43.0	41.7	32.7	929.6
82,5°	60.0	56.8	53.5	50.6	47.7	43.2	38.8	37.4	36.0	34.8	33.6	25.7	955.3
85,0°	45.5	43.5	41.5	40.0	38.5	34.8	31.0	29.9	28.9	27.7	26.5	19.6	974.8
87,5°	34.7	33.5	32.2	31.3	30.4	27.4	24.5	23.5	22.6	21.4	20.2	14.5	989.4
90,0°	26.5	25.7	25.0	24.1	23.3	21.0	18.8	18.2	17.5	16.4	15.2	10.6	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: B01P4B4A07111E	LP number
CANNA 170 PL	EAN: 4069025287847	59752_18

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: B01P4B4A07111E	LP number
CANNA 170 PL	EAN: 4069025287847	59752_18

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: B01P4B4A07111E	LP number
CANNA 170 PL	EAN: 4069025287847	59752_18

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: B01P4B4A07111E	LP number
CANNA 170 PL	EAN: 4069025287847	59752_18

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	2780	28.1	29.3	28.7
95	240	252	2639	26.6	27.8	27.2
90	226	250	2497	25.1	26.2	25.6
85	213	248	2364	23.8	24.8	24.3
80	200	245	2229	22.4	23.3	22.8
75	186	243	2082	20.8	21.8	21.3
70	173	240	1945	19.5	20.3	19.9
65	160	237	1806	18.2	18.9	18.5
60	147	234	1666	16.8	17.6	17.2
55	134	231	1524	15.6	16.2	15.9
50	122	227	1392	14.4	15.0	14.7
45	109	223	1249	13.2	13.6	13.4
40	97	219	1115	12.1	12.5	12.3
35	84	213	968	10.9	11.3	11.1
30	72	208	832	9.9	10.2	10.0
25	60	201	695	8.8	9.1	9.0
22	53	197	613	8.3	8.5	8.4