

Photometric test report

Family
DL® 30 LED

Order number: 5XA513271B08A5
EAN: 4058352058619

LP number
57202_8



Version post-top mounting
Optic asymmetric, wide distribution for intersection areas (ST1.2c)
Cover PMMA cover, impact resistant, IK08
Lamps LED 4000 K | CRI ≥ 70
Controlgear ECG Plus
Rated values Net luminous flux = 5540 lm
Power consumption = 48.9 W
Luminous efficacy = 113.3 lm/W

serial
documentation
18.11.2020

siteco

Luminous intensity in cd/klm

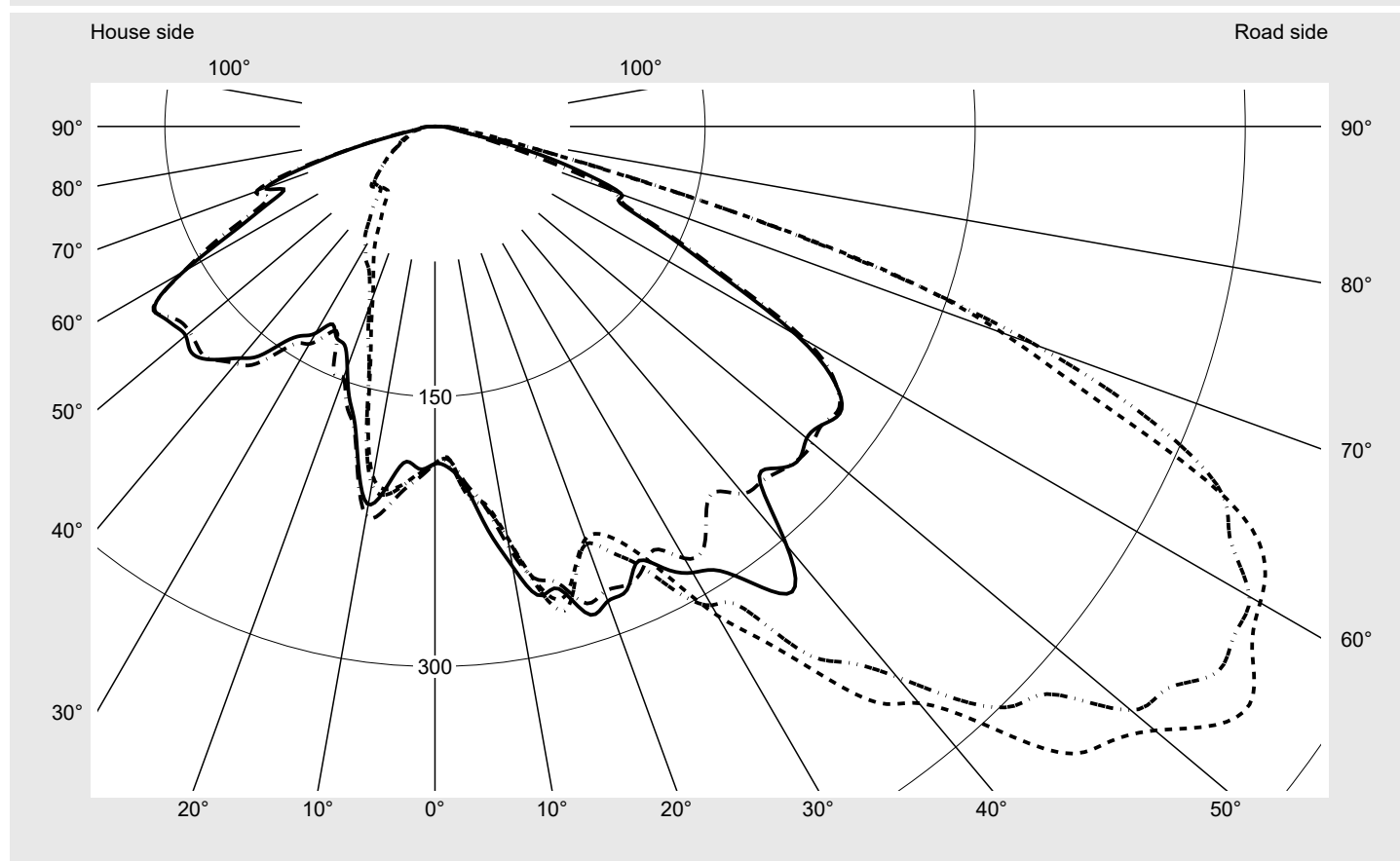
C180-0

C235-55

C240-60

C270-90

Imax: 554 cd/klm



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

Luminous intensity class acc. to EN13201-2

Class:	G4
Imax 70°	355.6
Imax 80°	35.4
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions

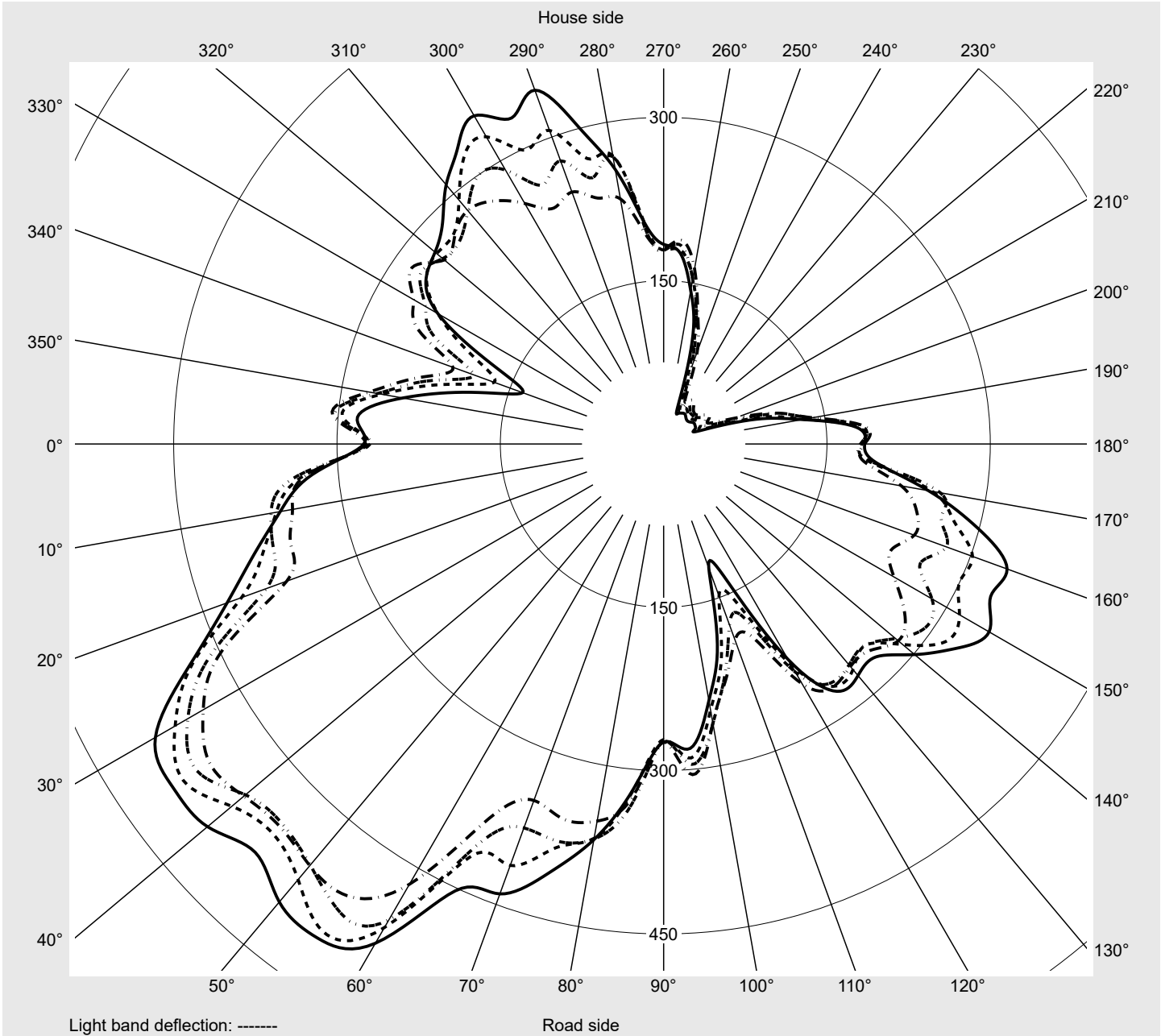
DIN EN 13032 and DIN 5032

Photometric test report

Family DL® 30 LED	Order number: 5XA513271B08A5 EAN: 4058352058619	LP number 57202_8
------------------------------------	------------------------------------------------------------------	------------------------------------



Envelope curve in cd/klm **KMK 55°** **KMK 52.5°** **KMK 50°** **KMK 47.5°**



Photometric test report

Family DL® 30 LED	Order number: 5XA513271B08A5 EAN: 4058352058619	LP number 57202_8
Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°
γ	Luminous intensity in cd/klm													
0,0°	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4
2,5°	190.3	190.9	191.9	191.2	189.9	187.6	188.0	188.9	188.0	186.0	184.0	185.0	187.3	188.3
5,0°	201.7	204.0	206.3	204.7	202.7	203.4	203.4	206.0	203.4	201.4	200.7	204.0	205.6	204.7
7,5°	226.3	226.3	225.3	225.0	219.7	215.8	215.1	217.4	215.8	213.8	209.9	211.2	213.2	213.5
10,0°	248.2	251.2	249.9	250.5	247.6	242.6	240.4	241.0	235.8	231.8	229.9	231.8	232.8	235.4
12,5°	266.9	265.9	268.2	273.8	274.7	270.8	270.2	266.2	259.7	253.1	255.1	259.3	261.6	265.9
15,0°	265.9	272.1	273.8	275.1	276.4	281.9	277.4	276.1	268.2	262.0	265.6	271.8	278.3	280.0
17,5°	284.2	283.9	279.7	281.6	273.4	263.3	259.0	259.3	260.0	263.3	260.3	258.0	260.7	266.6
20,0°	280.6	288.2	285.2	279.7	271.1	259.3	250.2	246.3	249.5	249.2	247.6	244.0	246.6	257.1
22,5°	278.7	292.8	286.5	280.3	272.4	264.9	259.0	252.1	241.0	236.1	235.8	245.6	256.1	265.2
25,0°	266.6	272.8	277.7	282.3	280.6	275.4	274.7	267.2	250.5	237.4	245.3	259.0	269.2	272.4
27,5°	277.0	284.6	286.5	286.9	288.2	295.0	297.3	287.5	275.7	274.4	275.7	282.9	291.8	286.2
30,0°	286.2	301.3	303.2	309.8	308.5	308.8	305.5	310.1	311.4	310.4	309.8	313.7	307.2	299.6
32,5°	292.4	304.9	307.2	308.1	325.2	334.7	325.2	334.7	346.5	335.3	349.7	338.3	316.3	304.5
35,0°	310.8	316.7	309.8	318.3	333.4	349.7	361.8	379.5	367.1	368.7	371.0	370.4	356.3	328.4
37,5°	325.8	317.6	305.2	320.9	346.5	370.4	386.7	401.8	405.7	397.2	395.2	403.4	375.3	325.5
40,0°	303.9	297.7	292.1	308.8	346.5	399.5	415.5	423.7	433.2	438.1	445.3	418.2	399.2	353.3
42,5°	266.9	300.0	299.6	308.1	346.5	424.7	444.7	460.4	459.1	486.6	461.4	449.9	432.6	365.1
45,0°	268.5	310.1	324.8	326.5	340.2	422.8	469.3	489.9	499.1	489.6	491.5	492.2	455.2	375.9
47,5°	274.1	329.8	346.1	354.6	368.4	446.7	488.2	509.5	503.3	497.7	505.6	506.6	467.0	379.5
50,0°	269.5	337.9	366.1	371.0	388.4	459.1	504.6	523.3	501.3	494.5	504.9	522.0	504.6	407.4
52,5°	271.8	331.4	361.2	380.5	412.6	477.4	518.0	538.7	517.7	506.9	522.3	546.2	512.8	417.5
55,0°	275.4	324.2	357.6	389.0	426.7	480.1	539.0	550.1	546.9	530.5	549.2	554.1	529.5	452.9
57,5°	262.6	328.4	355.6	399.2	450.6	513.5	530.5	547.8	545.9	513.1	540.6	538.0	526.2	486.6
60,0°	231.8	300.9	350.7	385.7	437.2	492.5	516.7	533.8	523.0	486.0	522.0	529.2	522.3	490.5
62,5°	179.1	252.8	318.9	353.3	401.1	468.3	500.4	520.0	482.7	470.6	509.5	519.0	498.1	463.7
65,0°	141.5	191.9	249.2	282.6	348.1	448.3	486.3	475.5	455.8	457.8	468.9	481.0	482.4	454.2
67,5°	111.3	167.3	215.1	240.7	314.4	417.5	425.4	414.2	406.4	393.9	413.9	399.2	434.2	403.8
70,0°	110.4	168.0	212.5	225.3	278.0	331.7	353.0	336.3	307.8	283.6	293.4	335.6	355.6	331.4
72,5°	88.1	129.7	164.1	188.9	223.3	253.5	266.9	238.4	207.0	204.7	220.4	252.8	247.2	230.5
75,0°	59.9	76.6	83.8	91.4	118.5	131.3	147.4	128.7	114.6	112.3	117.6	125.4	129.3	111.0
77,5°	26.9	29.8	33.7	35.4	34.7	43.6	55.3	67.8	60.6	51.4	55.3	56.3	55.0	40.3
80,0°	12.8	13.8	15.4	16.7	18.0	20.3	24.6	35.4	32.7	29.8	31.4	33.1	27.5	24.9
82,5°	9.2	10.2	11.1	12.1	13.4	14.7	16.0	18.3	17.7	19.0	17.7	18.3	18.3	18.0
85,0°	6.9	7.2	7.5	8.5	9.2	10.5	11.5	13.4	10.8	10.8	12.1	12.1	12.4	12.1
87,5°	4.6	4.9	5.2	5.6	6.2	6.9	7.5	7.5	7.5	7.9	8.2	8.2	8.2	7.9
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	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	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	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	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	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	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	0.0

Photometric test report

Family DL® 30 LED	Order number: 5XA513271B08A5 EAN: 4058352058619	LP number 57202_8
Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	70°	75°	80°	85°	90°	95°	100°	105°	110°	115°	120°	125°	130°	135°
γ	Luminous intensity in cd/klm													
0,0°	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4
2,5°	186.7	186.0	186.0	186.0	185.7	186.0	187.0	187.3	185.7	186.0	187.3	186.0	185.3	185.7
5,0°	203.0	203.4	201.1	199.4	199.4	199.1	201.4	201.7	199.4	198.1	197.5	195.5	193.5	193.5
7,5°	213.8	213.8	213.8	213.5	212.9	211.2	212.2	212.2	208.3	207.0	207.9	203.0	197.5	193.9
10,0°	237.1	236.8	240.7	239.0	237.7	234.1	233.5	230.5	223.3	222.0	219.7	213.5	207.3	200.4
12,5°	265.6	262.0	259.3	259.7	257.4	255.4	248.2	243.3	236.4	228.6	221.0	218.1	210.9	204.0
15,0°	274.4	272.1	271.8	270.8	262.3	256.1	251.5	242.3	230.9	220.1	213.8	208.9	205.0	201.1
17,5°	270.5	270.5	274.4	276.7	277.7	273.8	263.3	250.2	230.9	217.8	205.3	195.2	190.3	185.3
20,0°	264.6	270.5	279.0	279.0	275.1	273.1	263.9	244.9	226.3	206.0	195.5	188.9	180.8	169.0
22,5°	272.8	280.3	287.8	284.6	276.1	263.6	253.5	239.0	222.3	203.7	190.3	179.4	164.7	155.2
25,0°	277.0	284.2	285.2	281.3	272.1	256.7	243.6	239.7	229.2	211.2	195.5	177.5	153.6	146.7
27,5°	283.3	277.7	275.1	266.6	264.9	256.4	241.7	234.5	231.8	220.7	201.4	177.8	159.8	159.1
30,0°	288.5	284.6	283.9	282.6	277.0	270.2	254.1	236.4	233.8	230.5	212.2	193.5	178.1	181.4
32,5°	300.9	285.2	281.6	279.0	277.7	262.0	247.6	234.8	228.9	225.3	213.8	202.7	198.8	185.7
35,0°	296.0	274.7	272.8	272.4	262.6	261.6	235.4	222.0	227.9	225.6	221.4	221.0	212.2	194.8
37,5°	297.0	296.0	298.0	294.4	255.7	275.4	244.9	223.3	217.8	221.7	226.9	235.4	214.8	216.8
40,0°	326.2	307.2	303.6	300.0	266.2	280.3	255.4	228.6	217.1	216.1	232.2	239.4	236.4	230.5
42,5°	325.8	308.1	309.5	304.2	267.9	289.5	255.1	226.9	211.5	210.2	237.7	256.4	254.1	252.5
45,0°	331.1	322.9	328.1	312.4	270.8	298.6	267.2	229.6	206.0	200.1	250.5	269.5	265.9	261.0
47,5°	348.4	356.6	351.7	325.2	273.8	304.9	260.3	222.3	191.6	197.5	254.4	272.1	266.9	268.2
50,0°	375.3	377.6	368.4	331.4	273.8	295.4	260.7	218.1	176.8	177.2	242.0	267.9	264.9	261.3
52,5°	411.9	384.1	367.7	318.9	271.5	289.5	248.2	204.7	148.7	163.4	234.5	271.8	270.5	261.6
55,0°	439.8	408.0	369.0	318.0	273.8	280.6	239.4	190.6	121.2	140.2	228.6	277.4	277.7	276.4
57,5°	458.4	410.0	364.5	311.1	263.3	267.5	210.2	149.7	103.2	143.4	218.7	267.5	268.2	272.1
60,0°	455.8	392.6	356.0	305.2	238.1	218.7	169.6	116.2	90.4	121.2	188.6	237.1	237.1	259.7
62,5°	417.8	361.5	307.5	251.5	185.3	159.8	118.9	80.2	71.4	109.4	164.7	215.1	220.7	258.7
65,0°	370.4	300.0	270.8	198.1	146.0	113.3	83.2	61.2	58.3	79.9	139.5	192.9	208.3	246.3
67,5°	313.1	249.2	225.6	167.3	114.3	81.9	51.4	54.0	55.3	75.3	105.8	153.3	188.3	220.7
70,0°	289.5	238.1	201.1	153.9	105.4	75.6	46.2	41.6	47.8	58.6	91.0	116.6	134.6	175.8
72,5°	194.5	142.8	130.0	109.4	71.4	49.8	36.7	29.8	26.5	40.3	73.0	108.1	107.7	114.3
75,0°	101.2	76.0	77.0	58.3	38.0	29.8	25.2	21.6	20.3	23.3	44.2	71.4	73.7	72.0
77,5°	36.0	36.7	33.1	27.5	22.6	17.7	17.0	16.4	15.1	14.4	25.5	30.8	36.0	36.7
80,0°	23.6	21.6	19.0	16.7	14.4	12.4	11.5	11.1	11.5	11.1	11.8	12.8	17.7	18.0
82,5°	17.4	15.7	13.8	12.4	10.8	9.5	8.5	8.5	8.2	8.5	8.8	9.5	10.2	10.8
85,0°	11.5	10.5	9.5	8.5	7.5	6.9	6.5	6.2	6.2	6.2	6.5	6.9	7.2	7.9
87,5°	7.2	6.9	6.2	5.6	5.2	4.9	4.9	4.9	4.9	4.9	5.2	5.2	5.6	5.9
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	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	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	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	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	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	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	0.0

Photometric test report

Family DL® 30 LED	Order number: 5XA513271B08A5 EAN: 4058352058619	LP number 57202_8
Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	140°	145°	150°	155°	160°	165°	170°	175°	180°	185°	190°	195°	200°	205°
γ	Luminous intensity in cd/klm													
0,0°	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4
2,5°	186.0	187.6	188.0	187.6	186.7	187.3	189.9	190.9	190.6	191.2	191.9	192.2	190.9	188.0
5,0°	194.2	195.5	193.9	191.6	193.2	190.3	189.6	188.0	187.0	187.3	189.9	192.5	192.5	190.6
7,5°	194.2	195.8	199.1	201.1	200.7	200.7	201.7	203.0	201.1	198.1	198.4	200.4	199.4	196.8
10,0°	200.4	200.4	201.7	203.0	205.0	208.9	210.9	213.2	213.2	210.9	208.9	207.6	203.4	198.8
12,5°	206.0	212.2	212.9	213.8	213.2	207.3	205.3	199.8	195.5	192.5	193.2	190.3	187.0	178.1
15,0°	201.4	205.3	211.2	206.3	199.4	192.5	186.3	178.5	171.6	166.7	165.4	160.8	152.9	139.2
17,5°	185.7	182.7	182.7	179.4	167.3	163.7	161.8	155.2	158.2	154.2	149.3	143.4	131.0	124.1
20,0°	162.7	158.8	159.5	158.8	155.9	154.9	155.9	149.3	142.4	140.2	131.0	127.4	117.6	108.1
22,5°	154.2	152.9	155.5	156.5	153.9	151.0	150.6	143.4	131.3	118.5	112.0	109.0	104.8	93.3
25,0°	150.6	159.1	157.5	147.4	142.8	142.8	143.1	136.6	129.3	114.0	101.8	99.5	99.5	89.7
27,5°	169.0	162.7	150.6	147.4	148.0	144.1	139.5	127.7	123.8	114.0	100.5	93.3	92.7	86.8
30,0°	174.2	161.4	159.1	155.5	152.3	146.0	146.4	138.5	132.6	124.4	109.7	97.6	90.4	84.2
32,5°	177.5	177.2	165.0	155.9	158.8	156.9	153.3	144.1	137.9	126.1	112.6	101.5	90.7	79.9
35,0°	198.4	187.6	175.8	173.2	166.7	156.9	154.9	147.0	146.4	138.5	116.6	103.8	95.0	77.9
37,5°	204.7	200.4	192.9	174.5	176.5	175.8	176.2	167.7	160.8	151.6	125.1	105.8	95.0	69.1
40,0°	225.6	214.8	198.1	199.8	201.4	185.3	176.5	169.0	168.0	156.5	132.3	111.7	96.3	63.2
42,5°	235.1	229.9	228.6	211.2	204.7	190.3	180.8	172.6	175.5	167.0	131.0	113.0	89.1	53.7
45,0°	263.3	257.1	230.2	212.5	218.4	209.6	198.4	178.8	182.4	182.7	140.2	113.6	84.5	51.1
47,5°	281.3	270.2	244.3	230.5	244.9	240.7	221.7	184.7	184.4	185.3	138.8	109.4	69.1	45.2
50,0°	278.0	293.7	284.6	260.0	276.4	263.9	258.0	192.9	180.8	183.1	137.9	107.1	58.6	40.6
52,5°	286.5	316.3	313.7	300.0	301.9	276.4	250.5	190.3	182.1	179.1	131.0	95.9	43.2	36.7
55,0°	300.9	327.5	345.1	331.4	335.6	298.6	246.9	195.8	184.7	177.5	129.3	87.8	36.3	31.4
57,5°	313.1	330.1	361.2	371.7	370.7	321.6	255.1	204.3	184.4	165.4	110.7	60.9	30.1	27.8
60,0°	310.4	340.2	362.5	392.0	386.7	328.4	276.4	204.0	161.1	136.2	92.7	47.2	28.8	24.9
62,5°	318.0	341.9	346.8	388.0	372.0	317.0	250.2	174.5	125.7	98.2	68.8	35.4	26.5	22.3
65,0°	295.7	327.1	372.3	396.2	325.8	267.9	224.0	150.3	103.2	73.7	50.1	31.8	24.9	21.0
67,5°	280.0	306.8	362.8	386.7	266.6	217.4	198.8	135.2	91.0	61.2	38.6	31.8	24.2	20.3
70,0°	227.9	262.6	320.3	333.7	248.5	213.8	198.8	150.0	99.9	65.5	42.9	34.4	23.9	19.0
72,5°	154.9	201.7	268.8	263.9	221.7	187.3	175.5	142.1	77.3	45.2	35.7	31.8	20.6	17.7
75,0°	82.5	92.3	138.5	147.4	134.6	116.6	113.6	84.5	48.8	30.8	26.5	20.6	19.3	17.4
77,5°	48.5	47.2	55.0	50.4	49.8	49.4	43.6	35.7	23.9	18.7	16.0	13.8	13.4	12.8
80,0°	27.8	29.1	28.2	19.3	18.0	17.4	15.7	13.4	11.8	10.5	10.8	9.8	8.8	8.8
82,5°	13.1	14.7	16.0	14.4	13.4	12.4	10.8	9.8	8.5	7.5	7.2	7.2	7.2	6.9
85,0°	8.5	9.2	9.8	9.8	9.5	8.8	7.9	7.2	6.2	5.9	5.6	5.2	5.2	5.2
87,5°	6.2	6.9	7.2	7.2	6.5	6.2	5.6	4.9	4.3	4.3	3.9	3.9	4.3	4.3
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	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	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	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	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	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	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	0.0

Photometric test report

Family DL® 30 LED	Order number: 5XA513271B08A5 EAN: 4058352058619	LP number 57202_8
Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	210°	215°	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°	275°
γ	Luminous intensity in cd/klm													
0,0°	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4
2,5°	187.6	188.6	190.6	191.2	191.6	192.5	192.9	193.5	193.9	195.2	195.8	195.8	195.2	195.5
5,0°	190.9	191.2	193.5	196.8	197.5	199.4	200.1	200.1	199.1	199.1	199.4	201.1	203.0	205.3
7,5°	193.5	190.6	188.0	190.9	195.5	203.4	206.3	206.0	206.0	210.9	214.2	215.8	214.8	217.1
10,0°	190.9	189.9	187.0	185.7	190.9	197.8	202.0	203.4	204.7	212.5	216.1	217.4	219.7	225.3
12,5°	173.2	172.2	167.7	166.4	170.6	171.6	175.5	179.8	183.4	186.0	191.2	197.1	198.1	201.7
15,0°	134.6	138.2	141.8	141.1	142.8	138.8	141.5	151.0	163.7	174.5	177.8	176.5	173.6	179.8
17,5°	112.6	112.0	115.3	115.6	120.2	117.9	123.5	127.1	142.8	158.5	165.4	165.0	162.7	160.8
20,0°	101.8	97.3	99.5	97.3	102.8	100.9	106.4	109.7	123.8	132.3	137.5	145.1	148.7	160.1
22,5°	89.7	84.2	78.6	78.3	84.5	89.4	94.6	104.5	110.7	112.6	119.9	131.3	147.0	151.0
25,0°	79.9	69.1	60.6	61.6	66.1	80.6	87.1	95.0	99.2	102.2	111.3	122.8	128.0	134.3
27,5°	72.4	58.6	48.1	48.1	58.3	71.4	83.2	91.0	94.6	102.5	117.2	125.7	130.7	141.5
30,0°	67.5	52.7	44.9	44.5	49.8	60.6	77.0	85.5	94.3	107.4	122.8	131.6	139.5	150.0
32,5°	58.9	45.2	43.9	44.5	43.2	53.0	72.4	84.2	97.6	109.4	125.1	136.9	142.8	147.4
35,0°	54.0	42.6	43.2	44.2	43.2	45.5	63.5	82.2	98.9	109.7	134.6	151.0	154.2	161.8
37,5°	46.2	43.6	42.9	42.6	42.6	44.2	56.3	81.9	101.8	116.2	147.0	158.8	167.0	175.5
40,0°	45.5	45.5	43.9	40.6	44.5	44.5	47.5	73.7	101.5	118.9	146.0	167.3	171.9	173.6
42,5°	46.5	46.5	44.2	41.3	44.5	45.8	45.5	68.8	103.2	119.5	155.9	178.5	176.5	179.4
45,0°	48.8	47.2	44.2	42.2	43.9	47.5	45.8	56.0	95.9	118.5	160.8	188.3	180.8	183.7
47,5°	48.5	46.5	41.3	40.0	42.6	47.8	45.5	48.5	90.1	121.5	163.4	187.6	179.4	193.9
50,0°	44.2	42.2	38.0	37.3	38.0	41.9	41.9	39.0	72.0	116.6	153.6	183.1	177.8	200.1
52,5°	38.3	37.3	35.0	34.4	35.0	37.7	37.7	34.7	61.9	114.3	154.2	178.8	178.1	204.0
55,0°	33.4	33.7	31.4	30.5	31.8	33.7	32.7	30.8	41.6	104.1	143.1	175.8	183.4	204.3
57,5°	29.8	29.8	27.2	27.5	28.5	30.8	29.5	27.8	32.4	88.4	127.1	164.1	185.0	223.0
60,0°	26.2	26.5	23.9	23.6	24.2	27.2	26.2	24.9	30.1	61.9	97.3	129.7	161.4	215.5
62,5°	22.6	21.9	20.6	20.3	20.6	22.6	22.6	23.3	31.4	47.5	76.6	98.2	135.9	197.8
65,0°	21.0	19.6	18.3	18.0	18.3	19.6	21.3	21.9	27.2	35.7	57.3	74.3	109.0	164.7
67,5°	18.7	16.7	16.4	15.7	16.4	17.4	19.6	21.0	25.5	35.7	48.5	70.7	101.2	160.1
70,0°	16.4	15.4	14.7	14.4	14.7	15.4	16.7	18.7	26.5	40.0	43.6	65.8	105.4	158.2
72,5°	14.7	14.1	13.4	13.1	13.4	14.4	15.4	18.3	25.2	35.7	36.0	52.1	83.5	121.8
75,0°	14.1	13.4	12.4	12.1	12.4	13.4	15.1	18.0	19.3	25.2	24.9	29.8	50.1	72.0
77,5°	12.1	11.1	10.5	10.5	10.5	11.5	11.8	13.4	13.8	15.4	16.7	20.6	27.2	32.4
80,0°	8.5	8.2	8.2	8.5	8.5	8.5	8.8	9.2	10.5	11.1	11.8	12.4	14.1	16.0
82,5°	6.5	6.5	6.5	6.5	6.5	6.9	7.2	7.5	7.9	8.2	8.2	9.2	10.5	11.8
85,0°	5.2	5.2	5.2	5.2	5.2	5.6	5.6	5.6	5.9	5.9	6.2	6.5	7.5	8.2
87,5°	4.3	4.3	4.3	4.3	4.3	4.3	4.6	4.6	4.6	4.6	4.6	4.9	5.2	5.6
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	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	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	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	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	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	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	0.0

Photometric test report

Family DL® 30 LED	Order number: 5XA513271B08A5 EAN: 4058352058619	LP number 57202_8
------------------------------------	------------------------------------------------------------------	------------------------------------

siteco

Table of values for luminous intensities														Maximum luminous intensity	
C-planes	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	330°	335°	340°	345°	
γ	Luminous intensity in cd/klm														
0,0°	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	
2,5°	195.5	192.5	189.9	191.6	189.9	187.3	186.0	188.3	188.9	188.0	187.6	187.3	188.9	191.6	
5,0°	206.0	202.7	198.8	202.0	203.0	201.4	198.1	199.1	200.7	199.8	198.8	200.7	203.0	205.3	
7,5°	219.1	215.8	209.6	210.6	206.3	204.3	200.4	201.4	207.9	214.5	216.5	217.8	219.4	221.4	
10,0°	225.6	224.6	218.7	217.1	213.2	211.9	209.6	209.9	219.1	224.6	230.2	233.2	238.1	244.6	
12,5°	205.6	217.1	217.8	217.1	216.8	215.1	209.9	215.1	221.7	222.3	224.6	231.8	242.0	247.2	
15,0°	186.0	193.9	191.9	197.1	202.7	207.0	201.7	201.4	208.3	209.6	212.9	222.3	235.4	243.6	
17,5°	170.0	169.3	167.7	172.9	174.9	172.9	178.1	183.1	190.3	195.5	205.6	219.4	233.8	255.7	
20,0°	158.2	162.4	162.7	166.7	160.8	160.8	162.4	168.6	177.8	184.0	196.1	210.6	230.5	247.2	
22,5°	152.6	155.5	154.2	160.5	160.8	158.8	157.8	154.2	165.0	183.7	199.8	219.4	238.4	247.2	
25,0°	141.8	147.4	151.3	153.9	156.5	161.1	165.0	160.5	159.8	182.4	205.0	223.3	236.4	243.3	
27,5°	143.1	149.0	152.6	158.2	163.4	163.4	169.0	173.9	175.2	194.5	217.8	234.5	245.6	250.5	
30,0°	151.9	157.2	159.1	159.5	163.1	176.5	180.1	183.1	194.5	203.4	223.0	245.3	252.5	258.4	
32,5°	150.6	159.5	166.7	170.3	172.6	183.4	196.1	190.6	209.2	224.0	229.9	252.8	261.0	265.6	
35,0°	161.4	163.1	170.0	177.2	190.6	199.8	200.1	214.2	210.9	238.1	244.3	263.0	269.8	268.8	
37,5°	177.2	185.7	190.3	186.3	196.5	210.2	218.1	226.9	234.8	242.3	256.1	267.2	267.2	262.0	
40,0°	172.9	184.7	204.7	212.5	213.5	214.8	236.8	246.3	248.5	258.0	253.8	272.1	258.4	237.7	
42,5°	182.4	194.5	209.6	213.8	234.5	239.7	242.6	270.2	261.3	271.5	261.0	272.8	237.1	233.2	
45,0°	197.8	210.2	221.7	222.0	229.2	252.5	272.4	265.6	276.4	278.3	275.7	260.7	222.0	233.2	
47,5°	228.6	233.8	246.3	239.0	255.1	272.4	280.0	271.1	263.0	282.3	265.6	248.9	206.0	234.5	
50,0°	267.9	253.1	276.7	262.6	290.5	299.0	280.0	264.6	264.9	272.4	252.8	231.8	186.0	224.0	
52,5°	268.8	271.5	306.5	298.0	325.8	320.3	292.4	272.8	272.1	265.9	239.4	195.5	165.7	210.9	
55,0°	256.1	301.3	345.8	330.4	348.1	330.4	310.8	287.2	274.1	266.2	239.4	175.2	137.9	183.4	
57,5°	275.1	331.1	387.4	363.5	360.2	332.0	315.0	264.3	251.8	246.9	216.5	162.1	112.6	149.3	
60,0°	281.3	339.2	390.3	376.3	355.6	345.5	321.2	254.1	228.2	220.7	186.3	148.0	93.7	112.6	
62,5°	269.5	330.4	386.4	374.6	338.6	343.5	316.3	244.9	214.5	205.0	159.8	120.2	74.3	90.7	
65,0°	229.2	268.8	336.6	398.5	351.4	308.1	294.7	240.4	201.4	181.7	141.5	103.2	62.5	65.8	
67,5°	206.0	221.4	312.4	374.9	307.8	279.3	257.4	198.8	173.6	146.7	110.0	78.9	54.0	55.0	
70,0°	204.3	219.1	245.3	319.3	273.8	236.4	200.7	145.4	124.4	114.9	92.3	61.6	51.7	46.5	
72,5°	146.7	164.1	190.6	227.6	198.8	147.7	124.8	94.0	97.9	101.5	72.4	40.6	35.7	36.0	
75,0°	86.1	85.8	98.2	101.5	100.5	76.0	63.2	61.9	65.2	73.7	54.0	31.8	24.6	26.2	
77,5°	36.7	35.4	37.7	41.3	45.5	39.3	37.3	31.4	36.7	35.4	28.8	17.0	16.4	17.0	
80,0°	17.7	19.3	21.0	21.9	25.5	27.8	25.9	17.0	17.0	14.7	13.4	11.8	12.8	12.1	
82,5°	13.1	14.4	15.4	15.7	15.1	14.7	13.4	11.8	10.8	10.5	9.5	8.8	8.2	8.2	
85,0°	9.2	9.8	10.2	10.5	10.5	9.8	9.2	8.2	7.9	7.5	7.9	6.5	6.2	5.9	
87,5°	5.9	6.2	6.9	6.9	6.9	6.5	6.5	5.9	5.6	5.6	5.2	4.9	4.6	4.6	
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	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	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	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	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	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	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	0.0	

Photometric test report

Family DL® 30 LED	Order number: 5XA513271B08A5 EAN: 4058352058619	LP number 57202_8
------------------------------------	------------------------------------------------------------------	------------------------------------

Table of values for luminous intensities	Maximum luminous intensity	siteco
-------------------------------------------------	-----------------------------------	---------------

C-planes	350°	355°	Phi-zone	Total Phi-zone
Luminous intensity in cd/klm				
Luminous flux in lm/klm				
0,0°	187.4	187.4	0.3	0.3
2,5°	190.6	190.9	2.3	2.5
5,0°	203.7	201.4	4.8	7.3
7,5°	220.4	224.0	7.5	14.8
10,0°	247.2	248.2	10.5	25.3
12,5°	253.5	257.1	13.2	38.5
15,0°	259.3	263.3	15.1	53.6
17,5°	271.1	284.2	16.6	70.2
20,0°	263.6	273.1	17.9	88.1
22,5°	258.7	266.6	19.4	107.6
25,0°	246.3	256.7	21.1	128.6
27,5°	257.7	272.8	23.6	152.2
30,0°	269.2	279.3	26.7	178.9
32,5°	278.7	287.5	29.6	208.6
35,0°	273.8	300.0	32.9	241.4
37,5°	274.1	296.4	36.5	277.9
40,0°	255.7	281.9	39.7	317.6
42,5°	265.9	294.1	43.2	360.8
45,0°	275.1	303.9	46.8	407.6
47,5°	274.7	305.2	50.3	457.9
50,0°	266.9	302.6	53.3	511.2
52,5°	263.0	296.4	55.9	567.2
55,0°	243.3	282.3	58.6	625.8
57,5°	211.2	263.3	59.9	685.7
60,0°	165.7	212.2	58.5	744.1
62,5°	122.5	153.6	54.9	799.0
65,0°	83.2	108.7	50.2	849.2
67,5°	58.3	85.8	44.8	894.0
70,0°	53.4	75.3	39.2	933.3
72,5°	40.9	61.6	29.9	963.2
75,0°	27.5	34.4	17.3	980.5
77,5°	19.0	21.3	8.2	988.7
80,0°	10.8	11.1	4.5	993.2
82,5°	8.2	8.5	3.1	996.3
85,0°	5.9	6.2	2.2	998.4
87,5°	4.3	4.3	1.5	1000.0
90,0°	0.0	0.0	0.0	1000.0
105,0°	0.0	0.0	0.0	1000.0
120,0°	0.0	0.0	0.0	1000.0
135,0°	0.0	0.0	0.0	1000.0
150,0°	0.0	0.0	0.0	1000.0
165,0°	0.0	0.0	0.0	1000.0
180,0°	0.0	0.0	0.0	1000.0

Photometric test report

Family DL® 30 LED	Order number: 5XA513271B08A5 EAN: 4058352058619	LP number 57202_8
-----------------------------	------------------------------------------------------------------	-----------------------------

Dimming levels table	environmental temperature: 25°C	sITeco
-----------------------------	---------------------------------	---------------

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	5540	48.9	50.5	49.7
95	241	5256	46.0	47.4	46.7
90	229	4995	43.2	44.6	43.9
85	216	4711	40.5	41.7	41.1
80	203	4428	37.7	38.9	38.3
75	190	4144	35.0	36.1	35.6
70	178	3882	32.6	33.6	33.1
65	165	3599	30.1	31.0	30.6
60	152	3315	27.5	28.3	27.9
55	140	3054	25.3	26.0	25.6
50	127	2770	22.9	23.6	23.2
45	114	2486	20.5	21.1	20.8
40	102	2225	18.5	19.0	18.8
35	89	1941	16.2	16.7	16.4
30	76	1658	14.0	14.3	14.2
25	63	1374	11.8	12.1	12.0
20	51	1112	9.9	10.1	10.0
16	40	872	8.0	8.2	8.1