
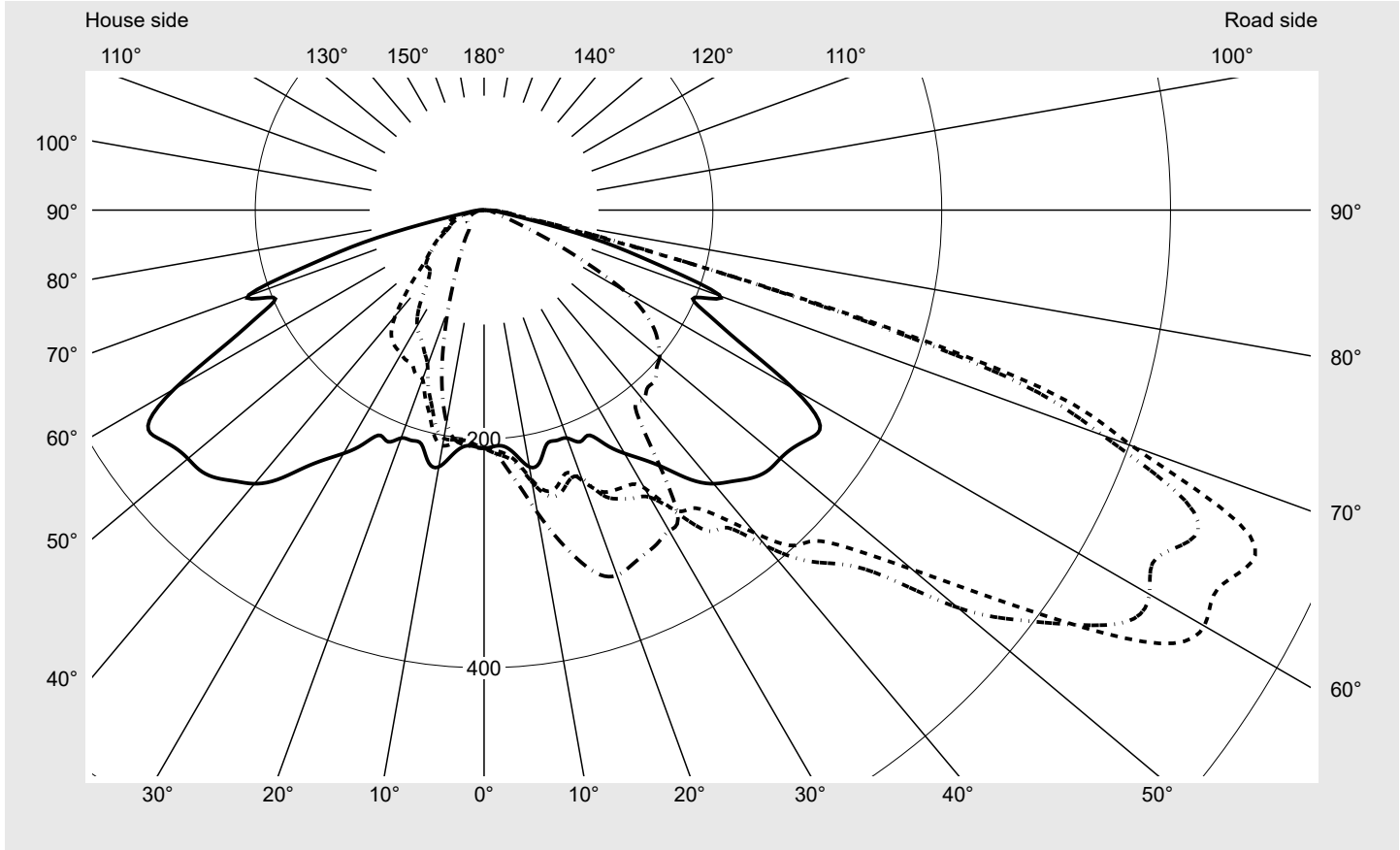


# Photometric test report

<b>Family</b> <b>DL® 30 LED</b>	<b>Order number: 5XA5132E1B08A4</b> <b>EAN: 4058352058848</b>	<b>LP number</b> <b>57201_9</b>
	<b>Version</b> post-top mounting <b>Optic</b> asymmetric, wide distribution (ST1.2a) <b>Cover</b> PMMA cover, impact resistant, IK08 <b>Lamps</b> LED 3000 K   CRI ≥ 80 <b>Controlgear</b> ECG Plus <b>Rated values</b> Net luminous flux = 2400 lm Power consumption = 22.5 W Luminous efficacy = 106.7 lm/W	<b>serial documentation</b> <b>18.11.2020</b>



**Luminous intensity in cd/klm**
C180-0
C205-25
C210-30
C270-90
**Imax: 736 cd/klm**



Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

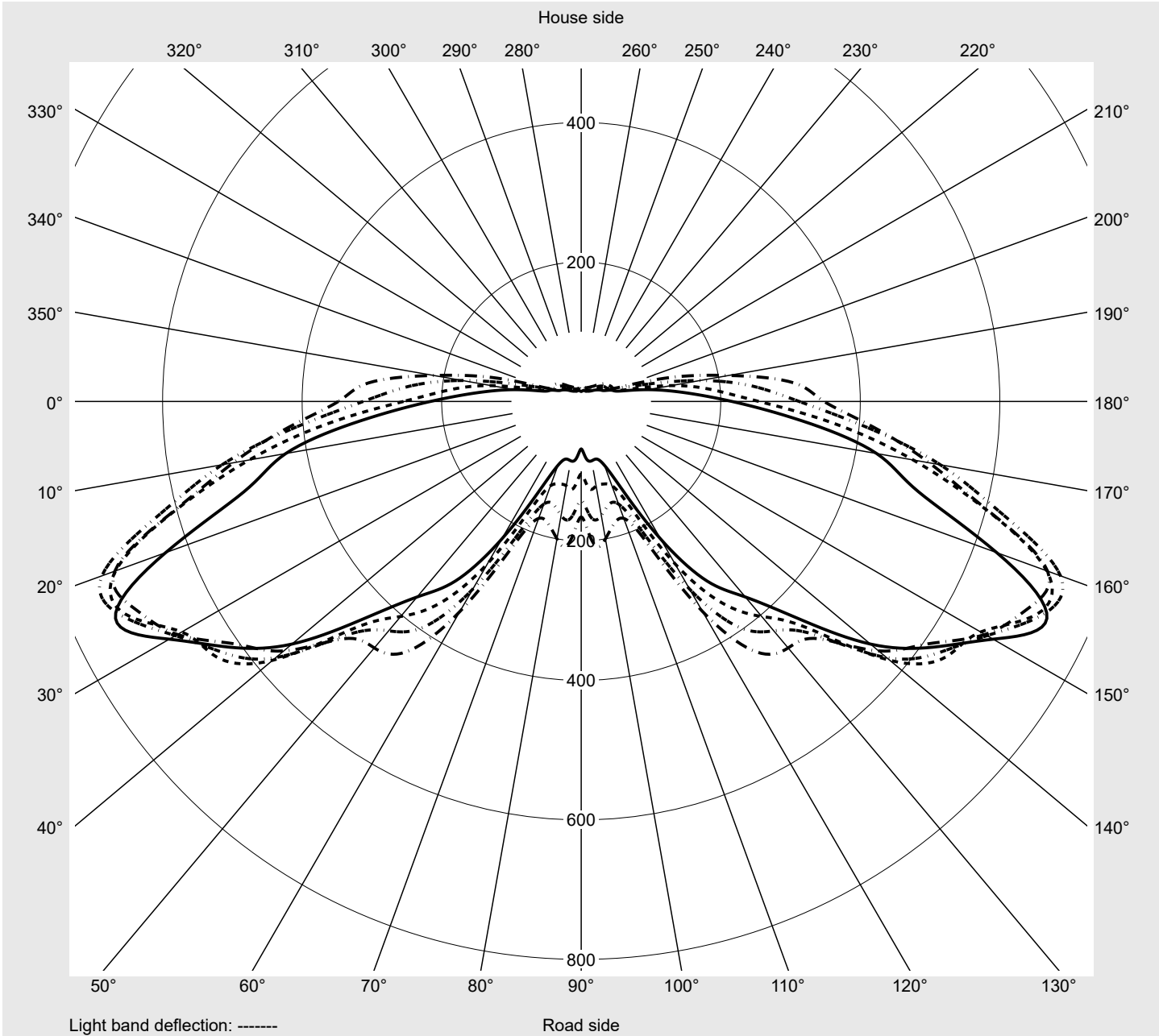
Luminous intensity class acc. to EN13201-2	
Class:	G3
Imax 70°	602.8
Imax 80°	49.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

**Measurement conditions**  
 DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> <b>DL® 30 LED</b>	<b>Order number: 5XA5132E1B08A4</b> <b>EAN: 4058352058848</b>	<b>LP number</b> <b>57201_9</b>
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**Envelope curve in cd/klm**      **KMK 65°**    **KMK 62,5°**    **KMK 60°**    **KMK 57,5°**      **siteco**



## Photometric test report

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**siteco**

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°	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2
2,5°	206.6	208.1	209.9	210.5	209.9	210.2	212.6	214.7	213.8	212.9	212.0	212.0	212.6
5,0°	207.5	209.0	211.4	212.9	212.9	213.8	216.5	220.1	220.7	220.7	221.0	222.2	223.7
7,5°	216.2	218.6	221.0	221.9	221.6	222.5	224.6	228.4	229.9	230.8	232.6	234.7	238.0
10,0°	227.8	231.4	235.3	238.0	238.0	239.2	241.3	244.0	245.2	245.8	247.3	251.2	254.8
12,5°	225.5	232.6	239.8	245.5	248.2	251.5	255.4	258.6	260.1	260.4	261.3	264.3	268.5
15,0°	211.7	218.6	226.6	235.6	242.2	249.1	256.5	262.5	267.0	268.8	270.3	273.3	276.6
17,5°	211.1	218.3	224.6	232.3	236.5	240.7	247.6	255.1	262.8	269.1	273.0	276.9	281.1
20,0°	212.0	225.2	235.9	247.6	251.5	251.8	249.1	248.5	254.2	262.5	271.5	279.3	285.9
22,5°	219.2	236.2	248.2	256.5	259.8	266.1	269.1	260.4	254.8	259.2	270.3	283.8	294.8
25,0°	217.1	229.3	240.7	253.9	261.9	270.0	278.4	281.7	276.0	270.6	276.3	290.6	305.9
27,5°	231.4	238.6	246.7	252.4	258.6	271.5	283.8	294.8	305.0	300.8	296.6	302.6	318.4
30,0°	245.5	261.3	275.1	283.5	281.4	280.5	289.7	305.0	320.2	332.5	328.3	325.3	332.8
32,5°	258.3	266.1	273.0	284.7	300.8	311.0	313.7	322.0	334.3	352.5	364.5	356.7	349.5
35,0°	275.1	285.0	295.4	299.6	302.6	317.8	342.7	356.1	360.0	369.9	392.0	394.1	366.0
37,5°	296.9	310.4	317.5	323.5	330.1	337.6	349.8	377.0	392.9	400.7	401.6	424.9	386.6
40,0°	312.2	322.0	333.4	344.8	359.1	368.4	383.0	396.5	413.2	430.0	432.4	428.5	405.2
42,5°	321.4	324.1	336.4	350.4	377.6	397.7	415.3	429.4	435.7	450.9	455.1	445.2	411.1
45,0°	331.0	339.1	369.3	381.2	399.5	408.7	437.1	470.0	473.0	476.3	470.9	465.3	404.9
47,5°	336.7	364.2	421.3	438.0	447.9	439.5	473.0	499.9	515.2	485.9	486.2	463.5	414.7
50,0°	337.9	386.6	475.7	478.1	510.4	488.6	540.6	540.3	515.2	496.1	490.1	469.1	397.4
52,5°	340.9	385.7	480.5	500.5	573.2	554.1	588.4	575.6	528.0	495.2	497.0	471.2	383.3
55,0°	347.7	394.1	475.4	550.8	635.1	633.3	631.8	591.4	540.6	493.1	489.8	465.9	369.9
57,5°	348.0	420.1	506.5	603.4	711.3	705.1	668.3	606.1	556.5	481.1	461.4	438.6	347.7
60,0°	312.5	407.2	522.7	625.5	731.1	726.9	671.6	627.3	571.4	472.7	429.4	395.6	310.7
62,5°	254.8	364.5	483.2	601.6	710.1	721.2	661.1	638.4	577.4	459.9	402.5	353.1	268.5
65,0°	216.2	317.2	430.0	500.5	633.9	736.5	681.7	614.5	541.2	440.4	366.0	314.3	227.8
67,5°	199.4	307.4	407.2	439.8	571.4	713.7	663.2	558.5	498.7	388.4	315.2	251.8	179.1
70,0°	220.1	315.8	394.7	434.8	513.7	602.8	575.3	482.0	397.4	300.5	232.3	201.2	144.7
72,5°	162.4	252.7	328.6	368.1	437.1	497.8	466.2	353.4	264.3	211.1	201.5	178.8	109.1
75,0°	109.1	155.5	186.3	208.7	229.9	231.7	226.6	168.6	144.4	122.6	122.6	111.8	67.6
77,5°	50.2	64.3	81.3	83.7	74.8	74.2	90.3	93.9	77.1	65.5	52.3	48.4	29.3
80,0°	23.0	25.4	29.0	30.2	31.4	32.9	36.2	49.3	41.6	31.4	24.5	16.4	13.2
82,5°	13.8	15.8	17.9	20.3	22.1	23.3	23.0	24.2	19.1	17.3	13.5	11.4	9.6
85,0°	9.6	10.8	12.3	13.8	15.0	15.5	15.2	14.1	12.0	10.5	9.3	8.1	7.2
87,5°	5.7	6.6	7.5	8.4	9.6	10.2	10.2	9.3	8.4	7.2	6.6	6.0	5.4
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
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
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
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
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
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
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

<b>Family</b> <b>DL® 30 LED</b>	<b>Order number: 5XA5132E1B08A4</b> <b>EAN: 4058352058848</b>	<b>LP number</b> <b>57201_9</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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°	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2
2,5°	213.2	212.9	212.3	212.0	211.4	211.7	207.5	208.1	210.2	207.2	204.5	204.5	207.2
5,0°	225.5	225.8	226.1	226.1	226.1	226.1	206.9	207.5	209.0	206.0	202.4	201.8	203.9
7,5°	240.7	242.5	243.1	243.7	244.3	244.6	215.6	215.3	215.6	210.8	205.4	202.4	202.4
10,0°	259.2	262.5	264.9	266.4	267.6	268.5	225.8	224.6	223.4	217.1	209.0	202.4	199.1
12,5°	274.8	280.5	285.9	289.7	291.8	293.0	221.6	218.6	216.5	210.2	201.5	193.8	188.7
15,0°	284.1	293.0	302.0	309.5	314.3	315.8	206.9	203.0	199.4	192.6	184.5	176.7	170.4
17,5°	288.8	300.2	312.8	323.8	331.0	333.7	205.4	200.0	193.5	183.3	171.3	162.1	155.5
20,0°	293.9	304.7	317.2	329.2	337.0	339.7	201.5	193.8	185.7	172.8	157.3	144.4	136.0
22,5°	302.6	310.4	319.9	328.3	334.0	336.1	202.1	191.1	186.3	175.5	155.5	135.5	123.5
25,0°	314.3	317.8	321.7	326.8	331.3	331.9	199.4	181.2	172.2	165.4	148.6	127.7	110.6
27,5°	326.5	321.4	318.7	320.2	322.9	328.3	218.9	194.7	173.1	161.8	147.7	122.6	98.7
30,0°	336.4	322.6	311.6	312.5	321.4	323.5	229.6	206.6	179.1	160.3	145.0	116.9	87.3
32,5°	332.8	315.8	291.8	284.4	295.7	314.6	236.5	211.7	186.3	163.9	142.9	107.9	74.2
35,0°	327.4	293.0	265.8	265.2	270.3	258.3	259.5	223.1	192.0	170.1	139.6	95.7	65.8
37,5°	323.5	276.0	264.0	267.0	272.4	217.1	278.4	239.5	195.6	172.8	133.1	82.2	62.8
40,0°	316.1	270.9	261.6	267.9	269.7	216.5	290.6	248.8	204.5	172.8	120.8	74.5	63.7
42,5°	319.9	263.7	258.0	267.6	271.8	211.1	310.4	255.1	207.5	170.1	104.4	70.3	65.5
45,0°	320.8	255.4	254.5	265.2	263.4	211.1	331.6	269.7	208.7	158.2	89.1	70.3	66.7
47,5°	307.4	247.6	247.9	258.9	262.5	204.5	337.6	272.7	209.9	139.6	74.8	68.8	65.2
50,0°	294.2	235.0	237.7	250.6	248.5	200.3	332.8	266.1	205.1	114.2	65.5	63.4	59.8
52,5°	272.4	217.4	224.6	238.6	241.3	192.0	330.7	258.6	197.3	89.4	59.2	57.4	54.7
55,0°	247.9	199.7	207.8	222.5	221.3	181.8	328.3	251.5	175.5	75.9	53.8	51.4	48.7
57,5°	224.3	178.5	181.8	200.0	204.5	165.7	305.9	214.7	133.4	61.3	48.4	46.0	43.7
60,0°	203.6	156.7	153.1	165.9	167.4	142.3	248.2	173.1	93.9	56.8	44.0	40.4	38.3
62,5°	168.3	128.6	122.6	122.9	124.7	104.1	189.9	131.0	64.0	49.3	39.5	35.3	32.9
65,0°	139.9	97.5	85.5	86.4	82.2	68.2	147.4	97.5	57.7	46.9	37.1	32.6	29.0
67,5°	114.5	70.6	51.7	46.6	45.7	38.9	136.3	83.4	61.6	48.7	36.2	30.5	25.7
70,0°	89.7	56.5	30.8	27.2	26.3	23.3	144.7	87.0	63.1	44.6	33.5	26.9	22.4
72,5°	59.2	30.2	21.5	17.9	15.8	14.4	101.1	65.8	53.5	38.0	31.1	24.5	20.6
75,0°	31.4	17.6	14.7	12.9	11.7	10.8	64.0	43.7	36.5	30.8	26.9	22.4	19.1
77,5°	14.7	11.7	10.2	9.6	8.4	8.4	36.8	28.7	24.5	21.5	18.8	17.3	16.4
80,0°	10.5	8.7	7.8	7.2	6.6	6.6	19.4	17.6	16.4	14.1	12.6	11.7	11.4
82,5°	7.8	6.6	6.0	5.4	5.4	5.4	12.3	11.1	10.5	9.9	9.6	9.0	8.4
85,0°	6.0	5.4	4.8	4.8	4.2	4.2	8.7	8.1	7.5	7.5	7.2	6.9	6.6
87,5°	4.8	4.8	4.2	4.2	4.2	4.2	5.7	5.4	5.4	5.4	5.4	5.4	4.8
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
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
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
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
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
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
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

<b>Family</b> <b>DL® 30 LED</b>	<b>Order number: 5XA5132E1B08A4</b> <b>EAN: 4058352058848</b>	<b>LP number</b> <b>57201_9</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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°	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	0.3	0.3
2,5°	208.1	206.6	205.4	205.4	205.4	204.8	205.7	206.3	206.6	207.5	207.5	2.5	2.8
5,0°	205.1	203.6	202.7	202.7	202.7	202.4	202.7	203.9	204.8	205.7	205.7	5.1	7.9
7,5°	202.1	199.1	197.0	196.4	196.4	196.7	197.3	198.8	200.0	200.9	201.5	7.8	15.7
10,0°	195.0	189.0	183.9	182.1	181.8	182.4	183.3	185.1	186.9	188.1	188.4	10.6	26.3
12,5°	181.8	173.4	165.9	162.4	161.5	161.8	162.7	164.2	165.9	167.1	167.4	13.3	39.6
15,0°	163.0	153.4	144.4	140.2	139.0	138.7	139.3	139.9	141.4	141.7	142.3	15.3	54.9
17,5°	144.7	132.2	121.1	116.9	115.4	115.4	114.8	114.8	115.1	115.4	115.4	17.1	72.0
20,0°	124.7	110.3	100.2	96.9	95.1	94.2	93.3	92.4	92.1	91.5	91.5	18.9	90.9
22,5°	107.0	90.3	82.2	79.2	77.7	75.9	74.5	73.3	72.1	71.5	71.2	20.8	111.7
25,0°	91.8	76.2	70.3	67.9	65.5	63.7	61.6	59.5	58.0	57.1	56.8	22.6	134.4
27,5°	77.7	65.8	62.8	60.1	57.4	54.4	51.1	48.7	46.9	46.3	46.0	24.9	159.3
30,0°	67.3	61.6	58.3	55.3	51.7	47.5	43.4	40.7	38.9	38.0	38.3	27.7	187.0
32,5°	60.7	58.3	54.7	51.1	47.2	41.9	37.1	34.1	32.3	32.0	31.7	30.1	217.1
35,0°	59.8	55.9	52.0	47.8	43.4	37.4	32.0	29.3	27.8	26.3	26.3	32.7	249.7
37,5°	59.5	54.4	49.6	45.4	40.7	34.1	29.3	27.2	26.0	24.5	21.5	35.8	285.6
40,0°	59.8	53.8	48.1	43.1	38.0	32.0	28.1	26.3	25.1	23.0	20.3	39.1	324.6
42,5°	60.1	53.5	46.6	41.6	36.2	30.5	27.2	25.7	23.9	22.4	19.7	42.2	366.8
45,0°	60.1	52.6	45.2	39.8	34.4	29.3	26.3	25.1	23.6	21.5	19.1	45.5	412.3
47,5°	58.3	50.5	43.1	37.7	32.9	28.4	25.7	24.5	23.0	21.2	18.5	49.0	461.4
50,0°	54.1	46.9	40.4	35.3	30.8	26.9	24.8	23.6	22.4	20.3	18.5	52.1	513.5
52,5°	49.3	42.8	36.8	32.3	29.0	25.4	23.6	22.7	21.8	20.0	17.9	54.5	568.0
55,0°	44.3	38.3	33.2	29.3	26.3	23.6	22.1	21.8	20.9	19.1	17.9	56.7	624.7
57,5°	39.2	34.1	29.0	26.0	23.6	22.1	20.9	20.6	20.0	18.5	16.7	58.1	682.7
60,0°	34.1	29.3	25.4	23.0	21.2	19.7	19.1	19.1	18.8	17.3	16.1	57.1	739.8
62,5°	29.3	25.1	21.8	19.7	18.8	17.9	17.3	17.9	17.6	16.4	15.5	53.8	793.6
65,0°	25.4	21.8	19.4	17.9	17.0	16.1	16.1	16.1	15.8	15.0	14.4	49.6	843.2
67,5°	22.4	19.7	17.3	16.1	15.5	15.0	14.4	14.4	14.4	13.5	12.6	45.3	888.4
70,0°	20.0	17.6	15.8	15.0	13.8	13.2	13.2	12.9	12.6	11.7	11.4	40.3	928.7
72,5°	17.6	15.8	14.1	13.2	12.3	11.7	11.4	11.1	10.8	10.2	10.2	32.3	961.1
75,0°	16.4	14.4	12.3	11.4	10.8	10.2	9.6	9.6	9.3	8.7	8.4	18.7	979.7
77,5°	14.4	12.3	10.5	9.6	9.0	8.4	8.4	7.8	7.5	7.2	7.2	9.0	988.7
80,0°	11.4	9.9	8.7	7.8	7.2	7.2	6.6	6.3	6.0	6.0	6.0	4.6	993.3
82,5°	8.1	7.5	7.2	6.6	6.0	6.0	5.4	5.4	5.4	4.8	4.8	3.0	996.3
85,0°	6.0	6.0	5.4	5.4	4.8	4.8	4.2	4.2	4.2	4.2	4.2	2.2	998.5
87,5°	4.8	4.8	4.2	4.2	4.2	4.2	4.2	3.9	3.9	3.6	3.6	1.6	1000.0
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	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
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
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
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
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
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

<b>Family</b> DL® 30 LED	<b>Order number: 5XA5132E1B08A4</b> <b>EAN: 4058352058848</b>	<b>LP number</b> 57201_9
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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>sITeco</b>
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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	2400	22.5	23.1	22.8
95	241	2277	21.2	21.8	21.5
90	229	2164	20.1	20.6	20.4
85	216	2041	18.8	19.3	19.0
80	203	1918	17.6	18.0	17.8
75	190	1795	16.4	16.8	16.6
70	178	1682	15.4	15.7	15.6
65	165	1559	14.2	14.6	14.4
60	152	1436	13.1	13.5	13.3
55	140	1323	12.2	12.5	12.4
50	127	1200	11.2	11.4	11.3
45	114	1077	10.1	10.3	10.2
40	102	964	9.2	9.4	9.3
35	89	841	8.3	8.4	8.4
30	76	718	7.3	7.4	7.4
25	63	595	6.3	6.4	6.4
20	51	482	5.3	5.4	5.4
19	47	444	4.8	4.9	4.8