



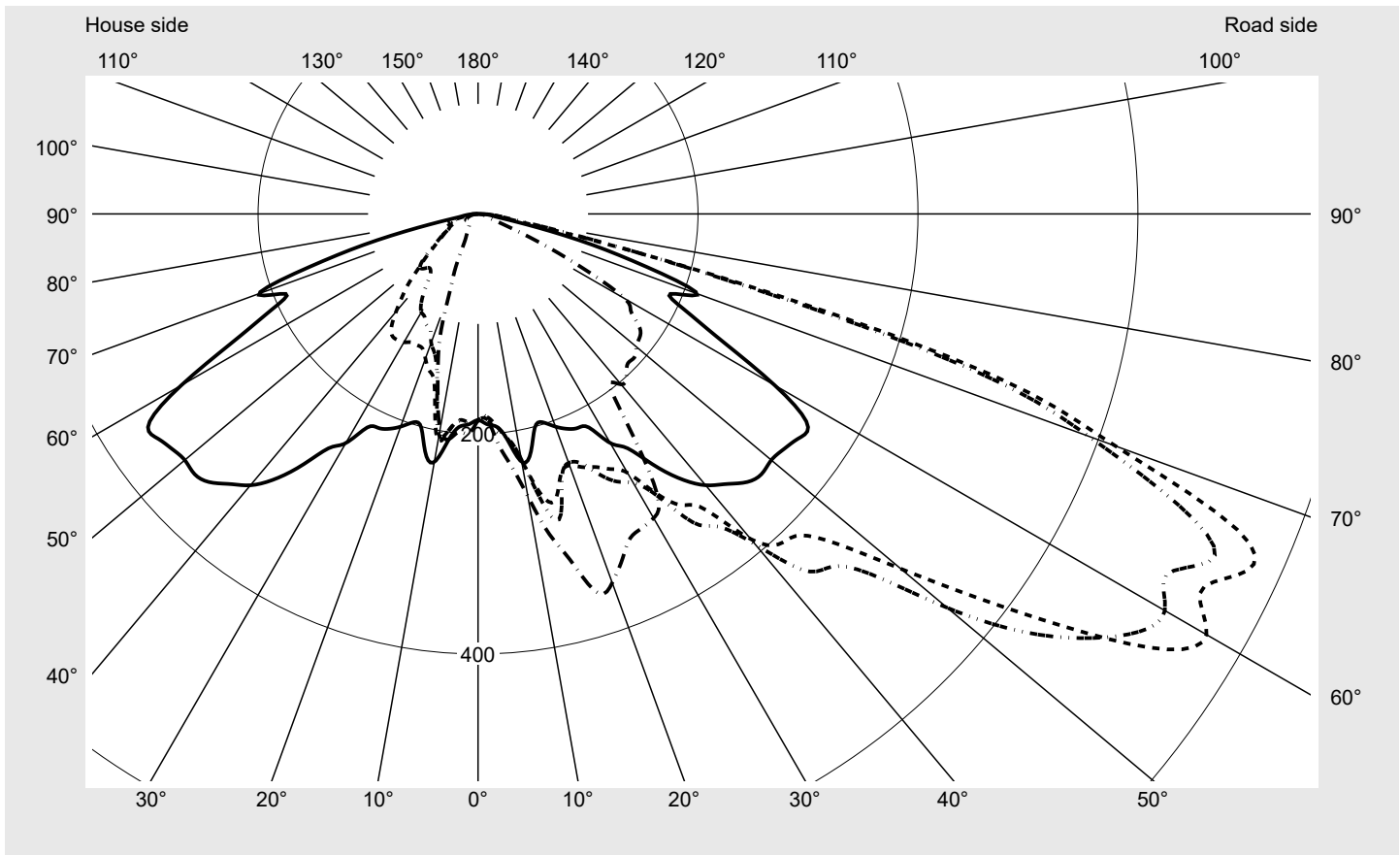
# Photometric test report

<b>Family</b> <b>DL® 30 LED</b>	<b>Order number: 5XA5132E1B08A2</b> <b>EAN: 4058352058817</b>	<b>LP number</b> <b>57200_7</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 = 1410 lm Power consumption = 15.1 W Luminous efficacy = 93.4 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: 770 cd/klm**



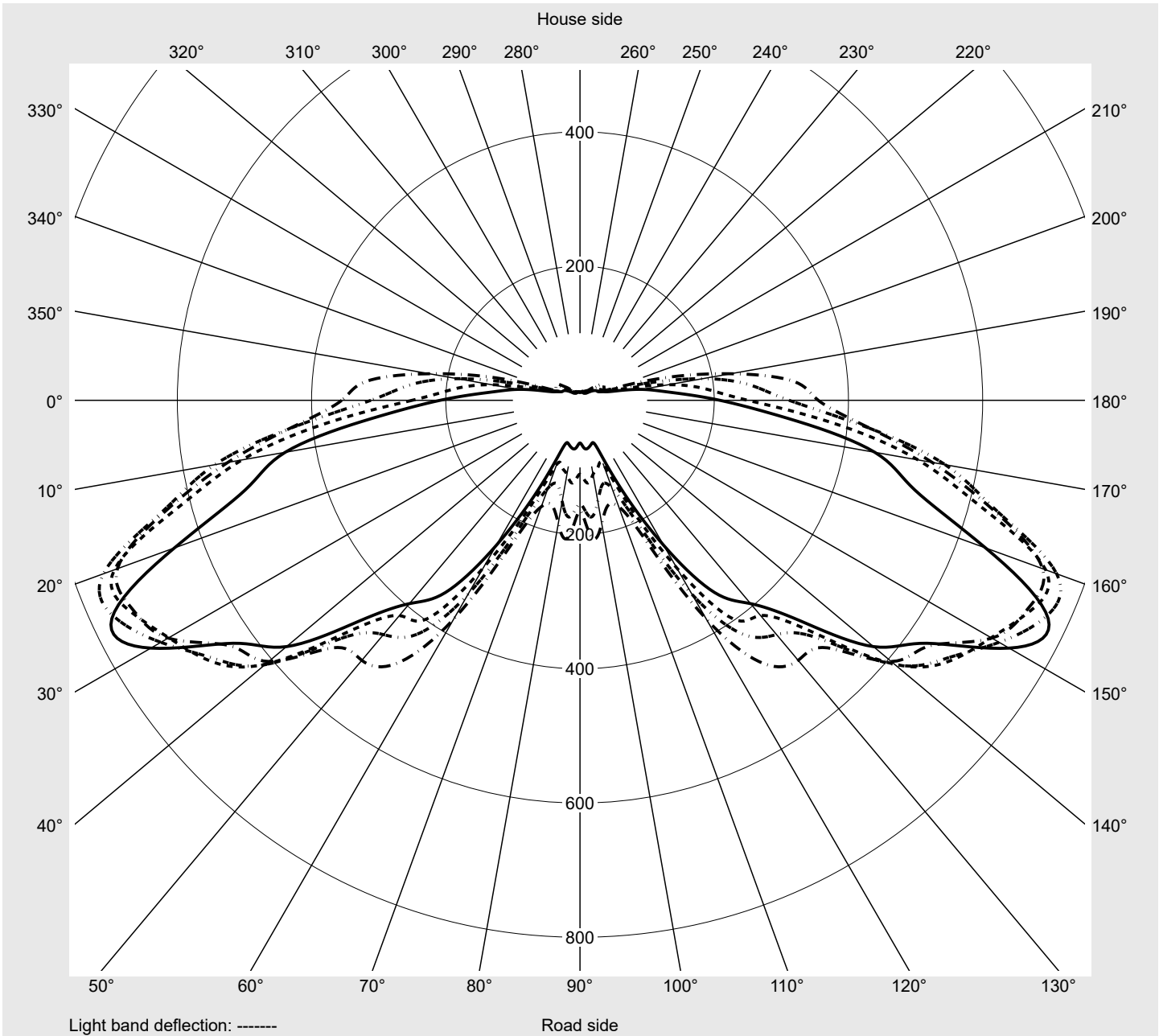
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

Luminous intensity class acc. to EN13201-2	
Class:	G3
Imax 70°	616.5
Imax 80°	50.8
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

**Photometric test report**

<b>Family</b> <b>DL® 30 LED</b>	<b>Order number: 5XA5132E1B08A2</b> <b>EAN: 4058352058817</b>	<b>LP number</b> <b>57200_7</b>
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**Envelope curve in cd/klm**      **KMK 65°**    **KMK 62,5°**    **KMK 60°**    **KMK 57,5°**      **siteco**



## Photometric test report

<b>Family</b> <b>DL® 30 LED</b>	<b>Order number: 5XA5132E1B08A2</b> <b>EAN: 4058352058817</b>	<b>LP number</b> <b>57200_7</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

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°	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°	191.5	189.5	189.5	187.0	187.0	184.8	186.8	188.0	188.0	187.3	185.3	185.0	186.3
5,0°	194.2	193.4	195.9	195.4	195.4	193.7	198.9	201.6	203.3	203.3	202.3	206.0	210.7
7,5°	207.7	210.4	215.9	210.7	210.9	206.3	205.5	209.7	215.4	217.8	217.6	221.5	224.8
10,0°	229.0	233.1	236.4	234.6	234.1	227.2	226.5	232.7	234.1	231.9	237.8	244.5	245.5
12,5°	221.8	227.2	237.1	252.4	258.8	259.5	267.4	269.4	262.5	262.3	265.2	266.9	272.1
15,0°	200.3	208.2	222.0	234.9	249.2	269.9	286.7	286.2	272.9	267.7	270.6	275.6	276.6
17,5°	198.9	197.4	208.0	223.5	239.1	249.4	253.1	258.6	267.2	265.7	264.5	265.7	274.8
20,0°	205.8	220.1	233.6	235.1	239.6	243.3	240.8	239.6	242.5	251.2	259.5	262.5	267.7
22,5°	211.4	241.0	248.7	247.9	247.5	249.2	245.5	244.5	242.8	239.3	246.0	260.0	275.3
25,0°	214.6	231.2	243.3	245.5	246.7	253.9	261.3	264.2	257.6	246.0	242.8	269.4	287.4
27,5°	219.1	233.1	244.2	249.4	256.1	261.5	274.3	286.4	289.6	285.0	272.6	283.2	312.3
30,0°	240.5	259.3	269.4	269.2	271.4	271.6	282.2	306.9	313.1	316.5	321.2	319.5	328.6
32,5°	252.4	268.4	277.3	289.9	300.7	301.0	304.2	319.2	339.7	339.2	361.7	361.7	341.2
35,0°	278.8	288.4	292.4	294.3	307.4	323.2	343.2	357.0	355.8	370.1	383.4	405.6	375.3
37,5°	304.0	318.8	328.4	337.5	340.5	338.0	358.0	388.1	397.5	391.8	413.7	425.6	396.5
40,0°	322.0	332.3	338.2	357.2	380.7	385.9	392.0	404.6	430.8	449.5	433.7	454.9	392.8
42,5°	333.1	335.5	344.9	368.3	396.7	406.6	439.6	445.3	449.3	488.7	473.9	472.5	417.9
45,0°	344.9	353.0	381.9	400.9	419.7	413.2	453.7	496.6	497.1	498.9	494.7	491.9	448.5
47,5°	349.8	374.5	437.7	459.4	468.3	444.6	484.8	524.5	537.1	503.8	489.5	498.1	437.4
50,0°	348.1	394.2	503.0	500.1	533.6	501.8	557.1	569.2	531.9	508.2	495.4	489.0	429.8
52,5°	350.8	390.3	507.2	529.9	598.0	574.1	623.7	610.4	542.8	515.6	517.4	496.1	412.5
55,0°	355.8	396.5	504.0	590.6	662.9	656.3	672.3	634.5	583.2	542.8	533.6	504.0	399.7
57,5°	355.0	424.1	532.9	640.2	733.5	735.9	708.6	637.3	605.4	521.6	505.8	479.4	376.2
60,0°	311.6	419.4	552.6	645.7	755.9	764.8	721.1	669.1	612.8	500.8	455.7	426.3	333.8
62,5°	250.2	374.8	511.4	621.5	738.4	741.1	707.6	675.5	611.6	487.0	418.7	397.5	288.4
65,0°	208.5	311.8	446.1	516.6	643.2	769.7	738.4	631.1	570.9	465.1	395.5	349.6	249.7
67,5°	189.7	290.4	396.2	440.6	574.1	745.1	687.6	574.1	529.9	407.3	340.5	275.6	189.0
70,0°	212.2	308.1	392.3	442.9	517.6	616.5	590.6	505.8	416.5	306.4	245.7	209.7	157.7
72,5°	162.3	267.2	329.6	377.5	450.7	497.1	472.5	360.0	268.4	205.3	206.7	190.2	115.0
75,0°	104.6	163.3	198.4	217.4	251.2	263.0	244.7	163.3	151.5	112.5	131.5	118.9	70.6
77,5°	49.1	66.6	77.0	80.9	81.4	87.8	99.7	90.1	85.6	58.2	50.6	46.4	31.3
80,0°	20.7	23.4	26.4	27.4	29.9	32.3	41.4	50.8	41.2	28.4	23.4	16.8	12.3
82,5°	13.8	15.5	17.8	20.0	21.7	23.2	23.4	24.4	21.0	16.3	13.1	10.9	8.9
85,0°	9.9	10.9	12.3	13.6	14.8	15.3	14.8	13.3	11.6	10.1	8.9	7.6	6.4
87,5°	5.9	6.9	7.6	8.6	9.4	9.9	9.9	8.9	8.1	7.2	6.4	5.9	4.9
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
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
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
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
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
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
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
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
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
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: 5XA5132E1B08A2</b> <b>EAN: 4058352058817</b>	<b>LP number</b> <b>57200_7</b>
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### 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°
$\gamma$	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
2,5°	187.0	186.5	185.8	185.5	185.3	185.5	193.2	193.9	195.2	192.7	189.7	191.0	192.7
5,0°	212.4	212.2	210.7	209.0	209.2	209.7	195.2	194.9	196.1	193.2	188.0	188.7	193.7
7,5°	227.2	225.7	227.0	229.0	230.9	230.9	207.7	205.0	205.0	202.6	198.1	197.1	196.1
10,0°	251.4	256.3	256.3	255.6	259.8	260.5	224.0	219.8	217.6	212.7	209.0	204.5	196.1
12,5°	277.6	282.2	281.0	286.2	292.8	297.5	217.4	208.5	203.5	193.9	180.8	172.2	171.5
15,0°	286.7	295.6	306.9	319.7	324.9	326.6	192.9	188.0	182.1	172.2	155.4	145.3	144.8
17,5°	285.9	306.4	326.2	340.0	357.7	361.2	198.6	194.7	186.8	167.3	148.8	132.0	125.1
20,0°	282.2	298.5	320.5	338.7	354.0	356.7	202.1	197.9	183.8	162.3	139.9	124.6	115.0
22,5°	289.6	305.7	317.3	327.1	340.5	341.5	192.7	176.4	164.6	153.2	132.2	113.2	101.4
25,0°	299.0	308.1	320.2	323.9	324.9	326.2	191.7	170.7	160.1	151.5	131.5	111.3	93.0
27,5°	321.5	320.0	318.0	313.3	318.3	322.2	202.6	179.1	157.9	148.5	131.5	105.3	80.7
30,0°	337.0	320.0	311.8	308.1	319.2	319.2	226.0	202.3	172.7	154.7	134.7	103.1	70.3
32,5°	323.7	306.7	283.5	283.5	289.9	304.0	233.9	210.9	182.3	159.9	135.9	96.2	59.0
35,0°	326.9	283.2	255.3	253.9	266.2	244.7	265.0	228.0	195.2	172.0	135.7	84.9	52.8
37,5°	319.7	265.2	254.6	254.6	260.8	196.9	288.2	245.5	200.3	176.4	129.3	72.5	52.6
40,0°	318.3	264.2	246.0	252.6	259.3	202.3	304.7	259.8	214.6	177.9	116.0	67.1	57.5
42,5°	307.9	252.9	240.8	253.9	261.0	199.8	324.7	265.5	217.6	174.9	102.1	66.4	61.2
45,0°	311.1	244.0	238.1	257.3	255.3	192.4	349.3	281.3	220.3	159.4	89.1	70.3	67.1
47,5°	323.4	234.1	236.4	246.5	256.1	192.9	355.8	284.2	218.3	140.4	73.8	71.5	70.1
50,0°	301.7	223.3	227.2	239.6	246.0	188.0	349.8	276.8	208.5	112.3	62.9	65.6	60.7
52,5°	275.6	212.7	216.9	233.1	235.4	185.0	347.6	269.2	195.6	86.6	52.8	56.5	53.0
55,0°	241.3	186.5	196.9	215.9	219.6	179.1	342.7	261.5	173.2	68.8	45.4	47.6	47.1
57,5°	227.0	168.8	161.8	186.3	205.3	164.8	320.5	228.0	128.8	49.6	39.2	41.2	42.4
60,0°	200.3	139.1	129.8	153.0	174.4	154.4	256.1	185.8	92.8	44.9	35.0	35.8	36.5
62,5°	172.5	101.9	103.4	112.0	123.6	110.0	189.7	134.0	65.4	41.0	32.1	30.3	30.1
65,0°	146.5	76.5	66.9	71.8	71.5	63.7	135.9	93.8	52.8	37.5	30.3	28.4	25.2
67,5°	120.9	63.2	44.9	29.6	33.8	25.2	123.4	79.2	56.3	37.3	30.3	25.4	21.0
70,0°	88.1	55.5	22.7	14.8	15.5	12.3	133.2	87.1	63.7	38.2	26.9	23.2	18.3
72,5°	56.3	26.2	15.3	11.3	10.1	9.4	94.2	69.6	58.7	34.8	26.2	20.5	17.0
75,0°	28.1	13.3	10.6	9.4	8.4	7.9	57.7	46.4	38.5	30.1	26.4	21.5	18.3
77,5°	16.0	9.9	8.6	7.9	6.9	6.4	36.5	28.1	24.4	20.7	18.0	16.3	14.8
80,0°	9.6	7.9	6.9	6.2	5.7	5.4	17.5	16.3	16.8	13.1	11.6	10.6	9.6
82,5°	7.4	6.2	5.4	4.9	4.4	4.4	11.8	10.6	10.1	9.6	8.9	8.4	7.9
85,0°	5.4	4.9	4.4	3.9	3.9	3.9	8.4	7.6	7.4	7.2	6.9	6.4	5.9
87,5°	4.4	3.9	3.9	3.5	3.5	3.5	5.7	5.4	5.4	5.2	5.2	4.9	4.9
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
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
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
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
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
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
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
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
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
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: 5XA5132E1B08A2</b> <b>EAN: 4058352058817</b>	<b>LP number</b> <b>57200_7</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°	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	0.3	0.3
2,5°	193.2	191.0	189.5	189.7	190.5	191.0	193.2	195.6	196.9	199.1	199.8	2.3	2.6
5,0°	197.1	198.6	199.1	202.3	203.8	200.8	198.9	199.3	199.3	199.1	198.9	4.8	7.3
7,5°	191.2	189.7	191.2	196.4	199.3	200.1	201.3	203.8	202.6	205.3	206.7	7.5	14.8
10,0°	189.5	183.3	182.6	182.3	182.1	188.5	188.7	191.7	197.9	199.8	198.9	10.5	25.3
12,5°	170.2	162.8	158.1	159.9	161.4	169.2	171.7	170.0	163.3	164.3	169.2	13.1	38.4
15,0°	145.6	139.1	131.0	124.6	124.6	130.5	143.6	149.5	150.0	145.1	140.6	15.1	53.5
17,5°	121.4	112.5	106.1	97.0	99.4	97.7	96.5	105.1	110.3	108.3	113.0	16.5	70.1
20,0°	108.3	95.7	85.9	74.8	75.2	74.5	71.5	68.3	66.9	75.0	75.0	17.9	88.0
22,5°	86.1	75.0	70.3	64.6	62.7	57.7	57.0	50.6	45.9	45.6	54.8	19.3	107.3
25,0°	69.8	60.2	52.6	53.0	49.1	44.9	44.7	39.7	34.3	34.3	32.6	21.0	128.2
27,5°	57.5	46.1	44.2	44.2	41.9	39.5	36.5	30.8	25.9	24.7	23.7	23.3	151.5
30,0°	50.3	44.2	40.7	38.2	35.0	32.1	28.9	23.9	21.2	20.5	19.7	26.4	177.9
32,5°	44.9	42.7	38.2	34.3	30.3	24.4	21.2	20.0	18.8	17.3	16.8	28.9	206.9
35,0°	46.6	42.4	36.5	32.3	27.6	21.7	18.5	17.0	16.0	15.0	14.8	31.9	238.8
37,5°	48.6	41.2	35.0	31.3	25.9	21.0	17.0	16.0	15.3	14.3	13.3	35.4	274.1
40,0°	51.1	40.2	35.0	29.6	23.7	19.2	16.5	16.0	15.3	14.3	12.8	39.1	313.2
42,5°	52.1	40.7	34.3	27.9	22.5	18.5	16.5	16.0	15.3	14.3	12.8	42.5	355.7
45,0°	54.8	41.2	31.8	25.7	21.5	18.3	16.5	16.0	14.8	14.1	13.3	46.3	402.0
47,5°	52.3	39.0	29.4	24.4	20.5	17.8	16.3	15.5	14.6	13.8	12.8	49.8	451.8
50,0°	47.4	36.3	27.1	22.5	19.7	17.5	16.3	15.3	14.6	13.6	12.3	52.9	504.7
52,5°	43.4	34.3	25.4	21.5	18.8	17.3	15.5	14.8	14.3	13.1	12.3	55.7	560.4
55,0°	38.5	30.6	23.2	19.5	17.5	15.8	14.6	14.8	13.8	13.1	12.3	58.5	618.9
57,5°	33.6	26.4	20.0	17.5	16.0	14.8	13.8	14.1	13.3	12.6	12.3	59.9	678.8
60,0°	29.4	22.0	17.0	15.0	14.8	14.1	13.1	13.3	13.1	12.6	11.8	58.7	737.5
62,5°	24.2	18.8	14.8	13.6	13.1	13.3	13.1	12.8	13.1	12.3	12.3	55.2	792.6
65,0°	20.7	16.5	13.8	12.8	12.1	12.1	12.3	12.1	12.3	12.1	11.8	50.4	843.1
67,5°	17.8	14.8	13.1	12.1	11.6	11.1	11.6	11.8	11.3	11.1	10.9	45.4	888.4
70,0°	16.0	13.8	12.3	11.6	11.1	10.4	10.4	10.6	10.4	10.4	10.4	40.3	928.8
72,5°	15.0	12.8	11.1	10.4	9.9	9.9	9.4	9.4	8.9	8.9	8.9	32.4	961.2
75,0°	14.8	11.8	10.1	9.4	8.9	8.4	8.4	8.1	7.9	7.9	7.9	19.1	980.3
77,5°	11.8	10.4	8.6	7.9	7.9	7.4	7.2	6.9	6.4	6.4	6.4	8.9	989.2
80,0°	8.9	8.4	7.2	6.7	6.4	6.2	5.9	5.7	5.4	4.9	4.9	4.3	993.5
82,5°	6.9	6.7	5.9	5.4	5.4	5.2	4.9	4.7	4.4	4.4	4.4	2.9	996.4
85,0°	5.4	5.4	4.9	4.4	4.4	4.4	3.9	3.9	3.9	3.9	3.5	2.1	998.5
87,5°	4.4	4.4	4.2	3.9	3.9	3.9	3.7	3.5	3.5	3.5	3.5	1.5	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
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
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
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
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
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
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
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
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
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: 5XA5132E1B08A2</b> <b>EAN: 4058352058817</b>	<b>LP number</b> 57200_7
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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	1410	15.1	15.3	15.2
95	241	1338	14.3	14.5	14.4
90	229	1271	13.5	13.7	13.6
85	216	1199	12.8	13.0	12.9
80	203	1127	12.1	12.2	12.1
75	190	1055	11.3	11.5	11.4
70	178	988	10.7	10.9	10.8
65	165	916	9.9	10.1	10.0
60	152	844	9.2	9.3	9.2
55	140	777	8.6	8.7	8.6
50	127	705	7.8	7.9	7.8
45	114	633	7.1	7.2	7.2
40	102	566	6.5	6.6	6.6
35	89	494	5.8	5.9	5.8
30	76	422	5.1	5.1	5.1
29	74	411	5.0	5.0	5.0