


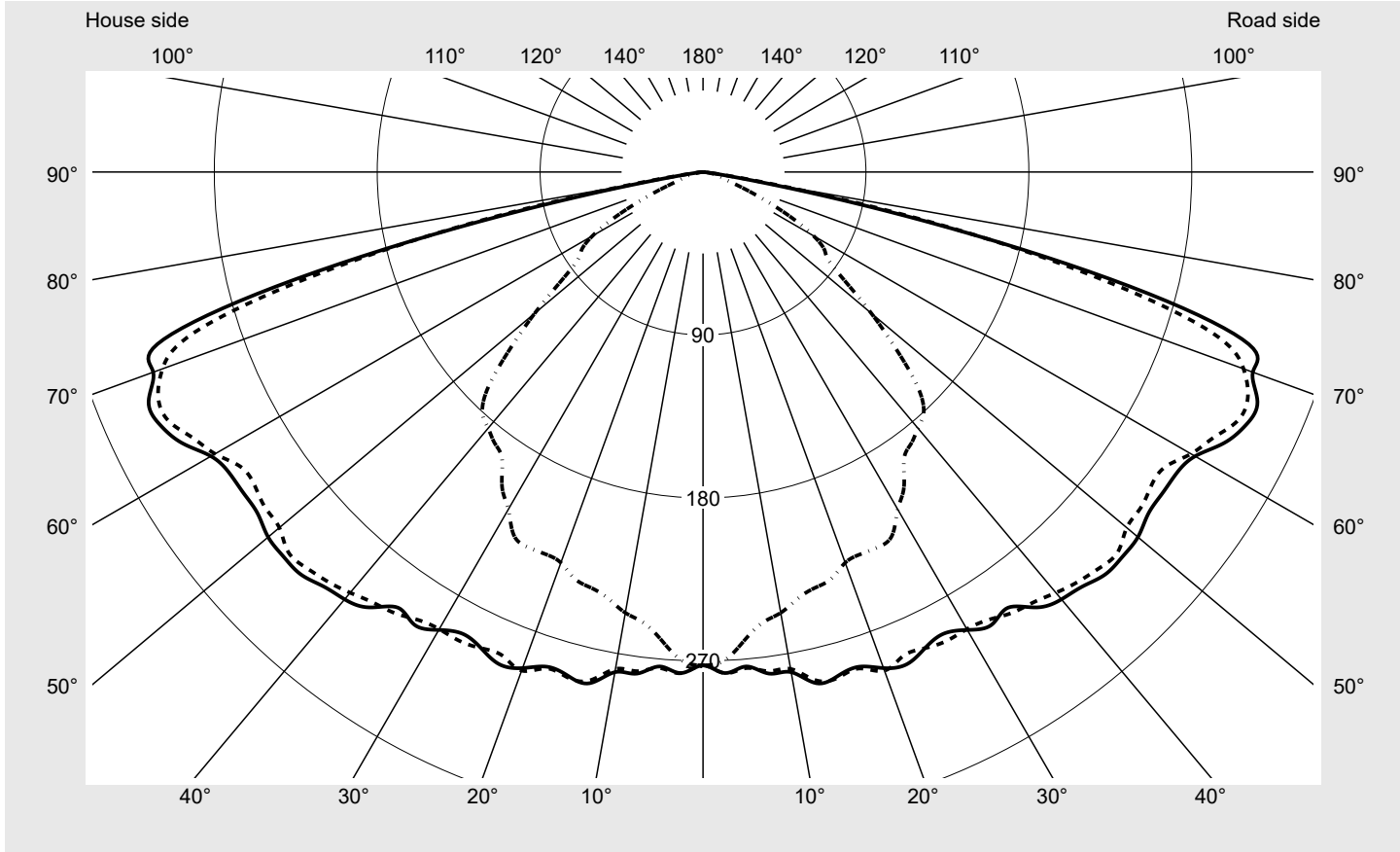
# Photometric test report

<b>Family</b> <b>DL 500 iQ</b>	<b>Order number: 5XJ3EQ3CG108</b> <b>EAN: 4069025498823</b>	<b>LP number</b> <b>59716_88</b>
	<b>Version</b> Smart Interface up <b>Optic</b> symmetric, wide distribution (ST1.0s) <b>Cover</b> ----- <b>Lamps</b> LED 3000 K   CRI ≥ 70 <b>Controlgear</b> ECG SITECO iQ <b>Rated values</b> Net luminous flux = 15610 lm Power consumption = 98.6 W Luminous efficacy = 158.3 lm/W	<b>serial documentation</b> <b>25.07.2025</b>





**Luminous intensity in cd/klm** C180-0 C185-5 C270-90 **Imax: 332 cd/klm**



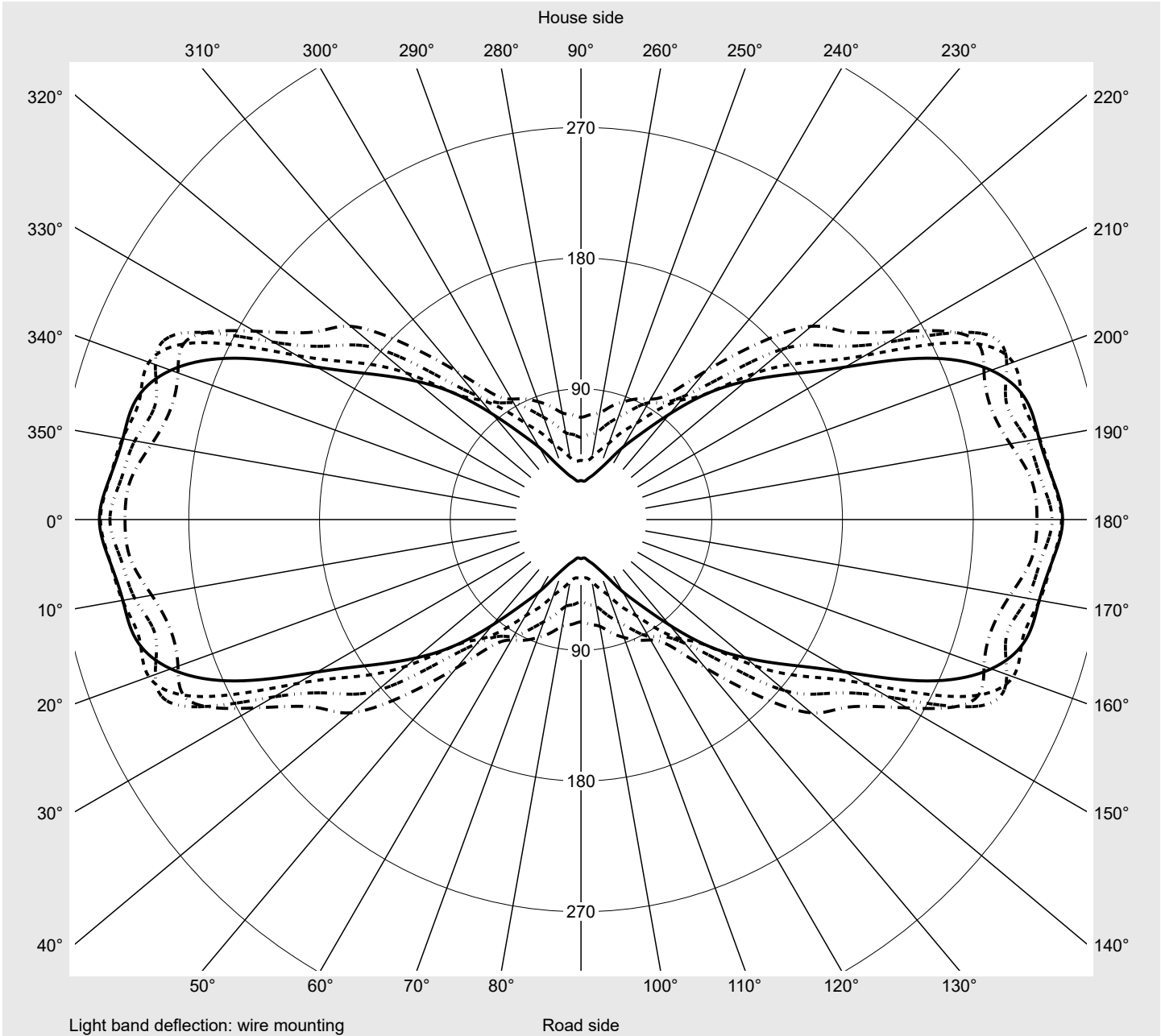
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

Luminous intensity class acc. to EN13201-2	
Class:	G6
Imax 70°	323.2
Imax 80°	54.5
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

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**Envelope curve in cd/klm**      **KMK 67.5°**    **KMK 65°**    **KMK 62.5°**    **KMK 60°**      **siteco**



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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	0° 180°	5°	10°	15°	20°	25°	30°	35°	40°	45°
		175° 185° 355°	170° 190° 350°	165° 195° 345°	160° 200° 340°	155° 205° 335°	150° 210° 330°	145° 215° 325°	140° 220° 320°	135° 225° 315°
Luminous intensity in cd/klm										
γ										
0,0°	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5
2,5°	277.0	277.1	275.5	275.1	273.9	274.1	272.3	271.4	269.9	270.1
5,0°	274.1	275.0	275.1	272.9	270.7	270.3	267.1	265.9	264.2	262.6
7,5°	279.4	278.0	275.4	274.1	272.4	269.7	267.8	265.1	261.3	259.5
10,0°	280.5	278.6	275.6	273.1	272.6	269.3	263.8	259.5	257.8	257.3
12,5°	289.2	287.5	283.3	277.9	271.1	267.2	266.8	264.4	261.2	256.6
15,0°	288.1	289.0	287.7	278.9	272.6	269.0	265.2	263.9	262.1	257.5
17,5°	286.5	287.5	284.9	280.7	272.2	271.9	266.6	262.4	257.8	253.8
20,0°	291.5	293.0	286.9	283.2	275.7	272.7	267.7	260.7	256.3	249.9
22,5°	294.2	289.2	289.6	284.1	276.2	270.9	263.5	259.7	252.8	248.3
25,0°	290.1	290.1	290.5	287.1	278.0	270.4	261.8	258.5	250.7	248.5
27,5°	287.5	291.8	292.8	288.6	278.2	273.0	261.7	255.9	250.5	247.3
30,0°	292.0	291.5	295.6	286.9	281.9	273.2	264.5	257.2	249.6	245.5
32,5°	296.6	293.2	295.0	289.8	282.8	273.7	260.6	254.4	249.7	244.7
35,0°	293.7	297.3	294.4	292.8	282.2	270.0	262.2	257.5	251.2	244.2
37,5°	303.1	299.6	299.0	295.7	282.5	271.6	260.1	255.3	250.7	247.6
40,0°	308.1	303.3	300.8	295.9	281.7	269.7	263.5	256.3	253.4	244.3
42,5°	310.4	306.8	300.5	295.2	282.9	266.1	270.9	258.7	254.5	244.3
45,0°	314.3	309.5	300.7	293.9	280.0	266.3	266.7	257.9	250.6	245.9
47,5°	314.4	310.8	298.3	293.5	277.0	267.9	263.2	254.2	246.1	241.5
50,0°	313.6	305.6	298.8	287.6	277.1	269.6	260.7	250.9	248.0	240.2
52,5°	310.1	304.7	291.8	285.0	276.0	272.0	260.8	252.9	251.6	234.2
55,0°	309.7	302.3	293.4	281.0	275.1	278.9	264.1	252.2	238.0	217.3
57,5°	310.0	302.9	293.0	285.2	280.5	280.3	270.7	245.3	222.6	198.4
60,0°	313.9	311.3	300.0	292.6	295.3	296.5	259.3	225.0	207.0	170.6
62,5°	324.3	317.9	312.0	303.6	311.9	303.5	244.2	208.6	183.3	140.4
65,0°	330.8	325.6	320.6	314.9	316.5	288.3	226.0	188.3	157.0	122.8
67,5°	331.5	325.8	320.3	317.3	300.5	262.9	210.0	174.3	148.2	122.6
70,0°	323.2	317.8	311.0	294.8	265.5	235.1	199.0	190.0	158.9	108.5
72,5°	316.1	294.7	280.3	250.5	231.5	213.9	215.7	220.7	156.4	83.7
75,0°	244.1	225.9	209.7	189.3	190.2	204.9	233.4	200.5	108.8	44.4
77,5°	127.1	133.0	119.9	119.1	133.7	157.2	167.0	118.4	42.0	18.9
80,0°	33.5	42.7	40.5	43.0	48.2	54.5	49.7	37.8	12.9	10.1
82,5°	6.2	7.3	10.1	13.9	16.9	20.7	19.2	9.3	5.8	5.6
85,0°	1.2	1.3	1.5	1.9	2.0	2.7	3.1	2.1	2.1	2.3
87,5°	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.6
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	50°	55°	60°	65°	70°	75°	80°	85°	90°	Phi-zone	Total Phi-zone	
	130°	125°	120°	115°	110°	105°	100°	95°				
	230°	235°	240°	245°	250°	255°	260°	265°	270°			
	310°	305°	300°	295°	290°	285°	280°	275°				
$\gamma$	Luminous intensity in cd/klm										Luminous flux in lm/klm	
0,0°	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	0.4	0.4
2,5°	269.7	269.6	269.7	269.4	269.8	269.5	269.1	269.3	270.0	270.0	3.2	3.7
5,0°	261.4	260.1	259.6	258.6	259.0	259.7	260.5	260.1	259.9	259.9	6.3	10.0
7,5°	258.0	255.7	255.6	255.2	255.1	253.3	253.2	251.7	251.1	251.1	9.4	19.4
10,0°	255.4	253.9	253.4	253.6	251.8	247.9	246.9	246.1	247.2	247.2	12.4	31.8
12,5°	252.9	250.8	248.2	246.9	246.8	245.9	244.3	243.2	241.4	241.4	15.4	47.2
15,0°	252.8	249.1	246.4	242.7	240.2	240.0	241.4	239.0	237.9	237.9	18.4	65.6
17,5°	249.3	244.8	240.6	239.0	235.2	235.1	234.3	234.4	235.5	235.5	21.1	86.7
20,0°	245.7	241.1	238.6	236.6	233.7	233.9	231.1	229.6	229.6	229.6	23.9	110.6
22,5°	244.2	240.1	237.2	234.8	233.0	233.3	228.8	228.9	228.3	228.3	26.7	137.3
25,0°	244.8	240.2	236.4	234.1	232.5	230.5	230.3	229.1	228.7	228.7	29.4	166.7
27,5°	239.2	236.4	236.7	231.8	231.4	228.3	225.8	224.1	226.2	226.2	32.0	198.7
30,0°	241.0	239.1	236.9	233.6	225.1	223.4	218.1	218.0	215.1	215.1	34.5	233.3
32,5°	241.3	239.1	235.0	232.8	224.2	217.0	213.5	206.9	206.6	206.6	36.9	270.1
35,0°	240.2	237.7	235.8	227.6	219.3	209.3	203.3	198.0	193.6	193.6	39.0	309.1
37,5°	240.1	238.5	233.0	221.8	210.2	203.8	196.1	189.1	188.9	188.9	41.2	350.3
40,0°	238.1	236.4	225.8	211.5	200.5	194.5	191.4	186.6	184.7	184.7	43.1	393.4
42,5°	235.6	230.8	218.9	205.1	197.5	189.8	188.0	182.1	180.4	180.4	45.0	438.4
45,0°	234.7	226.0	213.1	199.7	188.3	177.9	172.5	167.1	167.7	167.7	46.2	484.6
47,5°	232.5	219.6	200.7	185.6	168.7	158.6	150.8	144.1	144.7	144.7	46.5	531.1
50,0°	227.3	205.7	183.8	163.0	146.8	136.4	128.7	121.1	121.3	121.3	46.3	577.4
52,5°	210.2	185.8	161.3	140.1	125.6	114.2	105.5	101.0	98.8	98.8	45.6	623.0
55,0°	188.9	160.2	136.5	115.9	103.9	92.9	89.0	86.6	84.4	84.4	44.6	667.6
57,5°	165.5	132.3	110.6	97.5	91.6	87.4	84.0	78.9	79.4	79.4	43.9	711.6
60,0°	133.2	105.7	95.8	91.6	86.4	80.8	74.6	72.5	70.5	70.5	43.4	755.0
62,5°	111.2	98.1	92.8	83.5	74.9	67.6	60.8	58.7	56.6	56.6	42.7	797.7
65,0°	107.3	92.2	76.6	66.2	55.8	49.2	43.5	40.3	40.7	40.7	41.1	838.8
67,5°	94.7	72.4	57.2	44.3	36.6	31.6	28.8	26.5	26.9	26.9	38.7	877.5
70,0°	72.5	49.6	36.0	27.1	24.0	21.1	18.5	17.6	16.6	16.6	36.0	913.6
72,5°	45.7	29.7	21.4	18.0	16.1	14.4	13.1	13.1	12.4	12.4	33.2	946.7
75,0°	23.4	17.5	14.1	12.3	11.6	10.8	10.1	10.0	9.9	9.9	27.1	973.8
77,5°	13.5	10.8	9.6	9.0	8.7	8.0	7.6	7.5	7.8	7.8	17.1	991.0
80,0°	9.0	6.5	6.5	6.0	6.2	5.6	5.5	5.4	5.5	5.5	6.1	997.1
82,5°	5.7	4.1	4.1	4.0	3.8	3.8	3.7	3.5	3.1	3.1	2.2	999.3
85,0°	2.6	2.0	2.0	1.8	2.0	2.0	1.9	1.7	1.5	1.5	0.6	999.9
87,5°	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.1	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	1000.0

## Photometric test report

Family DL 500 iQ	Order number: 5XJ3EQ3CG108 EAN: 4069025498823	LP number 59716_88
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Dimming levels table	environmental temperature: 25°C	siteco
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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	15610	98.6	105.2	101.9
95	241	252	14811	92.5	98.6	95.6
90	229	250	14074	87.1	92.9	90.0
85	216	248	13275	81.3	86.7	84.0
80	203	246	12476	75.7	80.6	78.2
75	190	243	11677	70.2	74.8	72.5
70	178	241	10939	65.2	69.4	67.3
65	165	238	10140	60.0	63.9	62.0
60	152	235	9341	54.8	58.4	56.6
55	140	232	8604	50.1	53.4	51.8
50	127	229	7805	45.1	48.1	46.6
45	114	225	7006	40.2	42.8	41.5
40	102	221	6269	35.8	38.0	36.9
35	89	216	5470	31.1	33.1	32.1
30	76	210	4671	26.5	28.2	27.4
25	63	203	3872	22.1	23.4	22.8
20	51	195	3134	18.2	19.2	18.7
15	38	184	2335	13.8	14.6	14.2
14	35	181	2151	12.8	13.5	13.2