

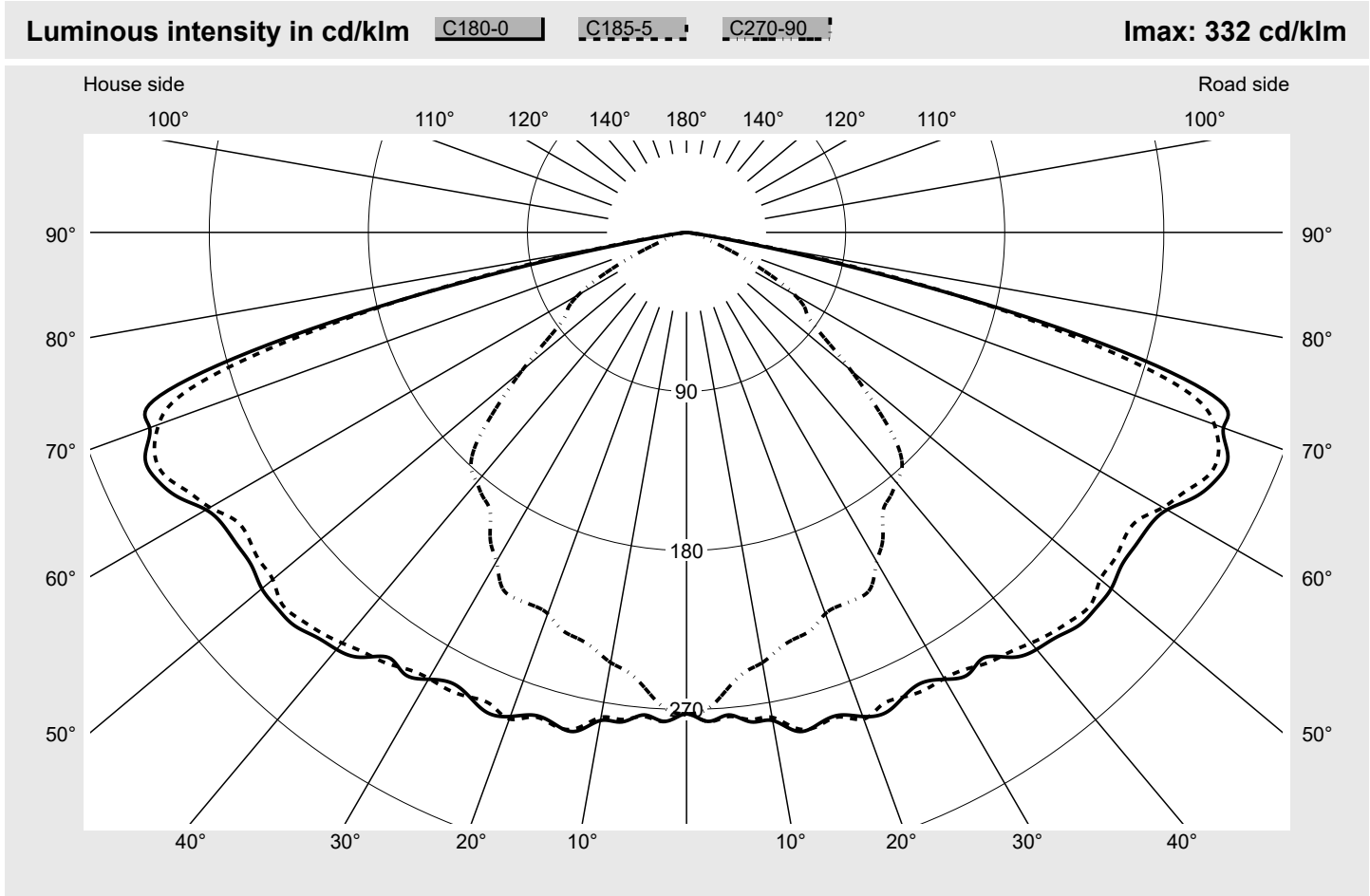


Photometric test report

Family DL 500 iQ	Order number: 5XJ3EQ3AG108 EAN: 4069025498731	LP number 59716_106
	Version Optic symmetric, wide distribution (ST1.0s) Cover ----- Lamps LED 3000 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 15610 lm Power consumption = 98.9 W Luminous efficacy = 157.8 lm/W	serial documentation 20.02.2026
		



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

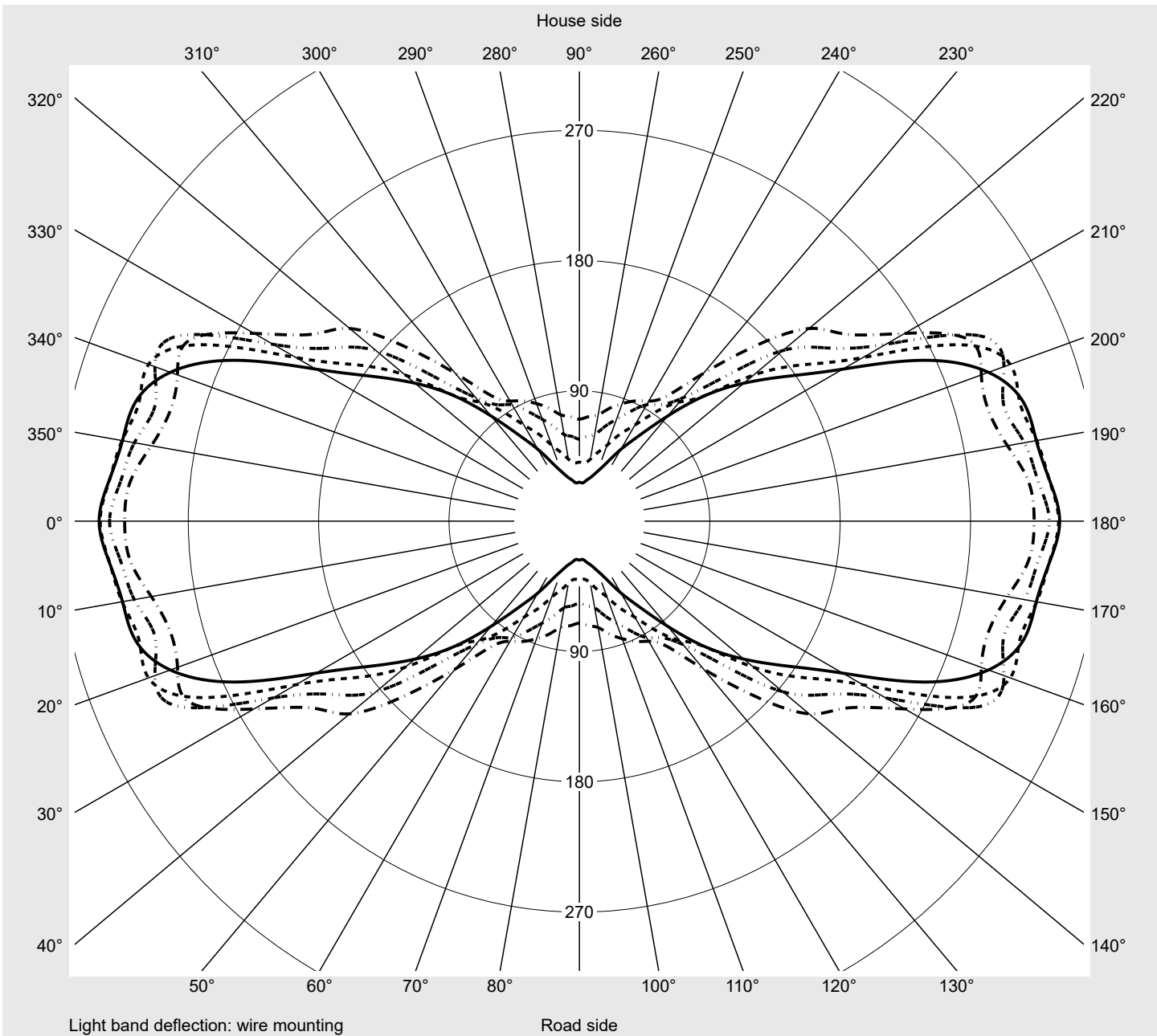
Photometric test report

Family
DL 500 iQ

Order number: 5XJ3EQ3AG108
EAN: 4069025498731

LP number
59716_106

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



Photometric test report

Family DL 500 iQ	Order number: 5XJ3EQ3AG108 EAN: 4069025498731	LP number 59716_106
Table of values for luminous intensities		Maximum luminous intensity
		siteco

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

Photometric test report

Family DL 500 iQ	Order number: 5XJ3EQ3AG108 EAN: 4069025498731	LP number 59716_106
Table of values for luminous intensities		Maximum luminous intensity



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°				
	310°	305°	300°	295°	290°	285°	280°	275°				
γ	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: 5XJ3EQ3AG108 EAN: 4069025498731	LP number 59716_106
----------------------------	--	-------------------------------

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

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	98.9	105.4	102.2
95	241	252	14811	92.7	98.8	95.8
90	229	250	14074	87.3	93.0	90.2
85	216	248	13275	81.5	86.9	84.2
80	203	246	12476	75.9	80.9	78.4
75	190	243	11677	70.5	75.0	72.8
70	178	241	10939	65.5	69.7	67.6
65	165	238	10140	60.2	64.1	62.2
60	152	235	9341	55.1	58.6	56.8
55	140	232	8604	50.4	53.7	52.0
50	127	229	7805	45.3	48.3	46.8
45	114	225	7006	40.5	43.1	41.8
40	102	221	6269	36.2	38.4	37.3
35	89	216	5470	31.5	33.5	32.5
30	76	210	4671	27.0	28.6	27.8
25	63	203	3872	22.5	23.8	23.2
20	51	195	3134	18.5	19.6	19.0
15	38	184	2335	14.2	15.0	14.6
14	36	182	2212	13.5	14.2	13.8