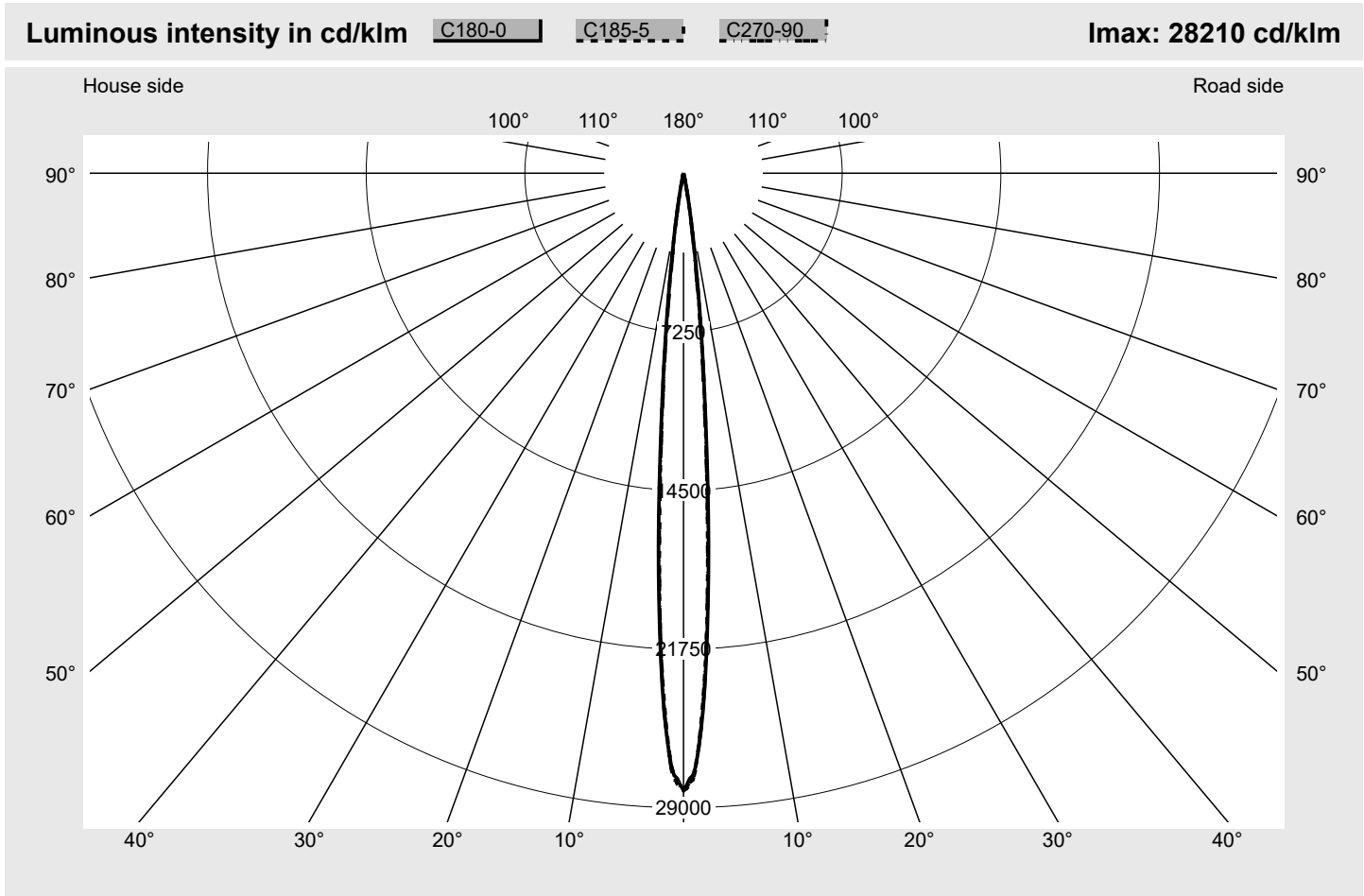


Photometric test report

Family Floodlight FL11	Order number: 5XA779228Q01GB EAN: 4069025142009	LP number 59465_190
	Version	standard bracket
	Optic	symmetric distribution RS4
	Cover	toughened safety glass
	Lamps	LED 5700 K CRI ≥ 80
	Controlgear	ECG-DMX
	Rated values	Ta = 15 °C Net luminous flux = 161180 lm Power consumption = 1285.1 W Luminous efficacy = 125.4 lm/W
		serial documentation 17.10.2024
		siteco



Luminaire output ratios		Luminous intensity class acc. to EN13201-2	
Eta	100.0%	Class:	G6
Eta 0° - 90°	100.0%	Imax 70°	14.0
Eta 90° - 180°	0.0%	Imax 80°	6.3
		Imax 90°	0.0
		Imax >90°	0.0
		Imax >95°	0.0
Measurement conditions			
DIN EN 13032 and DIN 5032			

Photometric test report

Family
Floodlight FL11

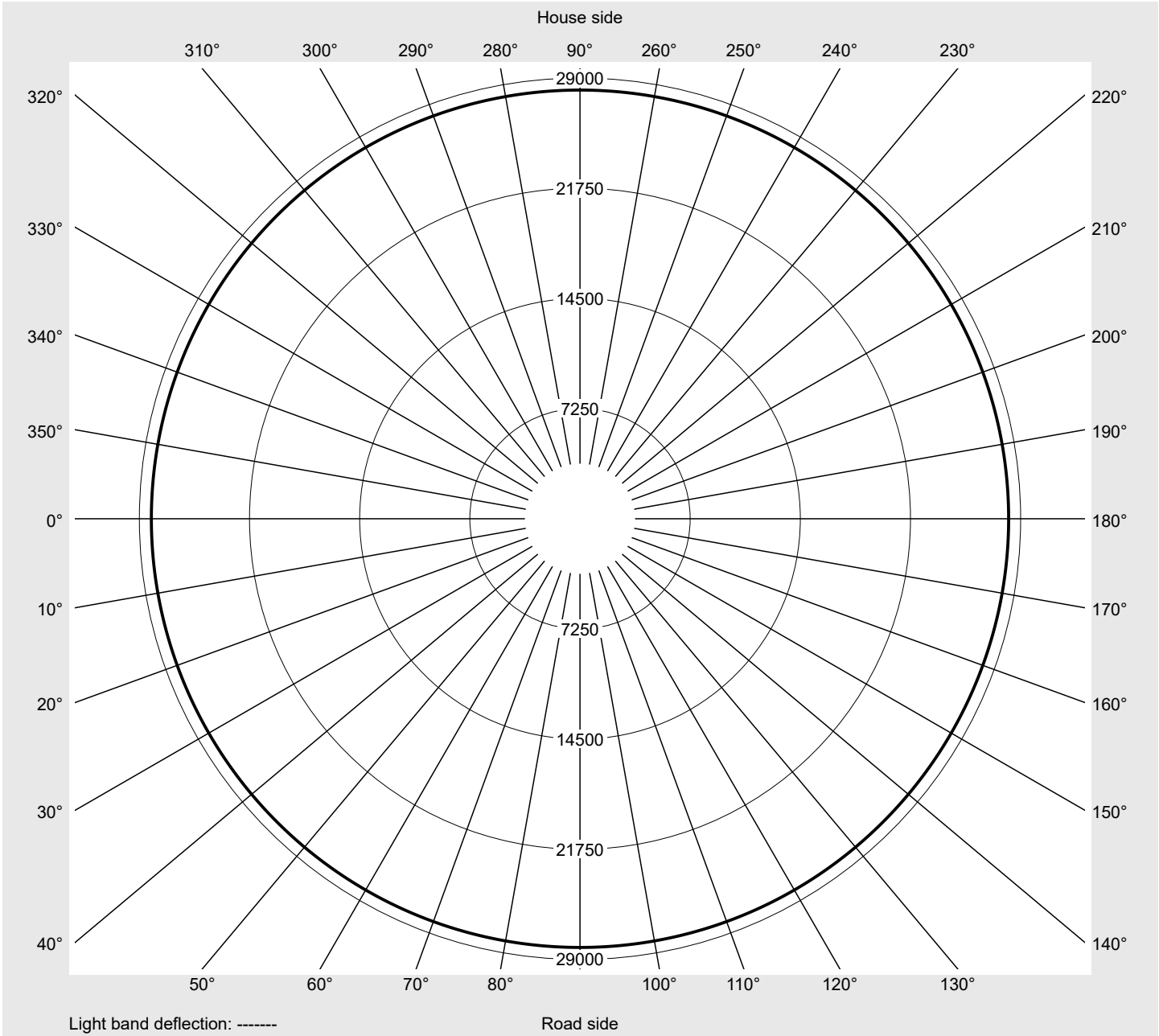
Order number: 5XA779228Q01GB
EAN: 4069025142009

LP number
59465_190

Envelope curve in cd/klm

KMK 0°

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Photometric test report

Family Floodlight FL11	Order number: 5XA779228Q01GB EAN: 4069025142009	LP number 59465_190
Table of values for luminous intensities		Maximum luminous intensity

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C- planes	0° 180°	5° 175° 185° 355°	10° 170° 190° 350°	15° 165° 195° 345°	20° 160° 200° 340°	25° 155° 205° 335°	30° 150° 210° 330°	35° 145° 215° 325°	40° 140° 220° 320°	45° 135° 225° 315°
		Luminous intensity in cd/klm								
γ										
0,0°	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3
0,5°	27726.4	27992.9	27732.1	27998.7	27737.9	27998.7	27806.6	28024.5	27769.4	28041.7
1,0°	27422.6	27414.0	27448.4	27422.6	27457.0	27425.5	27474.2	27448.4	27497.1	27459.9
1,5°	26299.1	26233.2	26310.6	26230.3	26293.4	26233.2	26307.7	26247.5	26304.8	26241.8
2,0°	24825.9	24522.1	24828.8	24519.3	24814.5	24522.1	24817.3	24530.7	24820.2	24507.8
3,0°	20807.7	20566.9	20773.3	20544.0	20764.7	20532.6	20779.0	20509.6	20704.5	20446.6
4,0°	16330.9	15663.1	16276.4	15645.9	16276.4	15654.5	16279.3	15640.2	16219.1	15562.8
5,0°	11768.1	11581.8	11791.0	11587.5	11822.6	11636.3	11854.1	11639.1	11831.2	11587.5
6,0°	8292.1	8219.9	8314.2	8256.9	8373.5	8328.5	8438.6	8383.8	8459.2	8324.2
7,0°	5582.5	5471.9	5600.0	5524.1	5688.9	5639.0	5786.3	5693.7	5780.9	5655.3
8,0°	3591.2	3538.2	3625.9	3604.7	3746.5	3755.1	3895.3	3890.4	3964.4	3889.8
9,0°	2245.3	2224.9	2278.2	2284.3	2371.7	2403.5	2516.7	2564.6	2651.1	2631.9
10,0°	1313.2	1276.5	1338.2	1349.3	1427.9	1501.0	1557.7	1589.8	1666.3	1658.6
15,0°	153.9	151.5	153.7	151.9	156.5	156.8	163.2	163.9	170.4	168.4
20,0°	72.2	70.0	71.4	68.3	69.2	66.5	67.8	65.4	67.4	65.1
30,0°	34.1	34.1	34.1	33.8	33.0	33.3	33.6	33.3	33.1	33.0
45,0°	34.6	33.0	33.8	34.0	33.6	32.5	32.0	31.3	31.1	31.4
60,0°	22.8	23.3	24.9	26.3	21.8	19.9	18.9	18.6	19.2	19.1
75,0°	10.0	9.2	8.5	8.2	8.6	8.9	8.8	8.1	8.3	8.2
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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Family Floodlight FL11	Order number: 5XA779228Q01GB EAN: 4069025142009	LP number 59465_190
Table of values for luminous intensities		Maximum luminous intensity

siteco

C- planes	50° 130° 230° 310°	55° 125° 235° 305°	60° 120° 240° 300°	65° 115° 245° 295°	70° 110° 250° 290°	75° 105° 255° 285°	80° 100° 260° 280°	85° 95° 265° 275°	90° 270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm									Luminous flux in lm/klm	
0,0°	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	1.7	1.7
0,5°	27786.6	28067.5	27806.6	28093.3	27849.6	28119.0	27869.7	28127.6	27881.2	13.4	15.0
1,0°	27508.6	27479.9	27534.4	27500.0	27563.0	27520.0	27586.0	27525.8	27606.0	26.3	41.4
1,5°	26276.2	26244.6	26313.4	26250.4	26299.1	26253.2	26310.6	26244.6	26310.6	37.7	79.1
2,0°	24780.1	24487.7	24794.4	24464.8	24774.3	24447.6	24765.7	24433.3	24757.1	75.2	154.2
3,0°	20650.1	20377.8	20578.4	20309.0	20532.6	20248.8	20483.8	20223.0	20498.2	117.9	272.1
4,0°	16150.3	15462.5	16024.2	15319.2	15909.6	15175.9	15815.0	15135.7	15809.3	120.8	392.9
5,0°	11742.3	11438.5	11553.1	11243.6	11372.6	11108.9	11240.7	11011.5	11229.3	110.2	503.1
6,0°	8299.9	8174.0	8239.1	7966.3	8043.3	7775.1	7897.2	7682.8	7869.1	93.8	596.9
7,0°	5698.3	5534.7	5550.7	5338.6	5313.1	5085.6	5105.3	4937.1	5017.9	73.3	670.2
8,0°	3904.7	3783.2	3740.8	3552.5	3466.2	3283.9	3249.3	3152.1	3198.0	55.5	725.6
9,0°	2617.3	2503.8	2416.7	2267.6	2190.8	2085.1	2056.4	2005.7	2022.3	40.2	765.9
10,0°	1658.6	1560.9	1502.1	1391.0	1340.3	1263.2	1226.7	1184.2	1181.6	89.8	855.6
15,0°	168.9	158.6	154.8	146.8	144.7	139.0	139.0	135.4	137.1	21.8	877.4
20,0°	66.6	64.0	65.5	63.5	65.0	63.1	65.0	63.3	65.2	19.8	897.2
30,0°	33.1	33.2	33.5	33.1	32.6	32.6	32.6	32.7	32.7	23.6	920.8
45,0°	31.1	30.9	31.1	31.2	31.6	31.8	31.5	30.8	31.6	37.1	957.9
60,0°	19.1	18.6	18.5	18.2	18.0	21.1	20.5	19.4	19.2	28.9	986.8
75,0°	8.0	7.6	8.3	8.3	8.0	7.6	7.7	8.2	8.7	13.2	1000.0
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

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Family Floodlight FL11	Order number: 5XA779228Q01GB EAN: 4069025142009	LP number 59465_190
Dimming levels table environmental temperature: 15°C		

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
95	240	153277	1199.1
90	223	144852	1111.2
85	207	136876	1030.9
80	192	128791	953.8
75	177	120767	879.9
70	163	113059	811.5
65	149	104669	740.3
60	136	96861	676.2
55	123	88779	612.2
50	110	80395	548.2
45	98	72729	491.8
40	86	64340	432.1
35	74	56228	375.9
30	63	48344	322.8
25	52	39957	269.2
20	41	32197	223.6
15	31	24506	173.7
10	20	16311	119.3
5	10	8059	66.0
1	3	2318	30.3

Dimming levels table	environmental temperature: 25°C
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Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
95	----	----	----
90	----	----	----
89	----	----	----
85	206	132902	1021.0
80	191	125177	944.7
75	176	117386	870.5
70	161	109379	797.3
65	147	101294	726.9
60	134	93657	662.9
55	121	85887	600.0
50	109	78210	540.3
45	96	70037	478.9
40	85	62640	425.4
35	73	54614	368.9
30	62	46916	316.3
25	52	39362	267.6
20	40	30892	216.8
15	30	23414	167.5
10	20	16112	118.6
5	10	7967	65.6
1	3	2293	30.1

Photometric test report

Family Floodlight FL11	Order number: 5XA779228Q01GB EAN: 4069025142009	LP number 59465_190
Luminousfluxs table		siteco

Temperature °C	Luminous flux lm	Power consumption W
15.0	161180.0	1285.1
25.0	138710.0	1081.3