

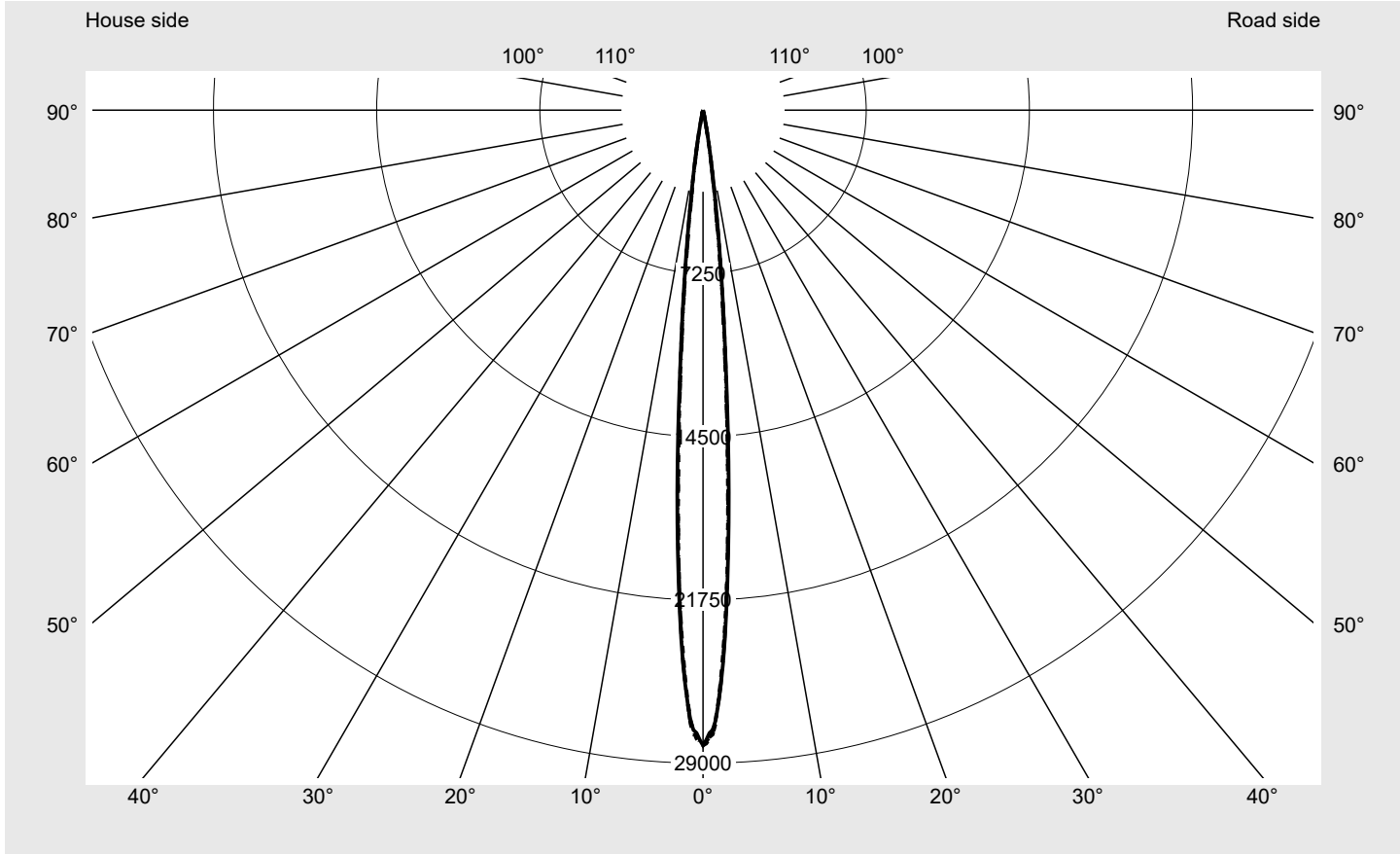


Photometric test report

Family Floodlight FL11	Order number: 5XA779526Q01AA EAN: 4058352847732	LP number 59465_38
	Version standard bracket Optic symmetric distribution RS4 Cover toughened safety glass Lamps LED 4000 K CRI ≥ 70 Controlgear ECG-DMX Rated values Ta = 10 °C Net luminous flux = 184960 lm Power consumption = 1387.6 W Luminous efficacy = 133.3 lm/W	serial documentation 06.09.2023
		

Luminous intensity in cd/klm C180-0 C185-5 C270-90 **Imax: 28210 cd/klm**




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

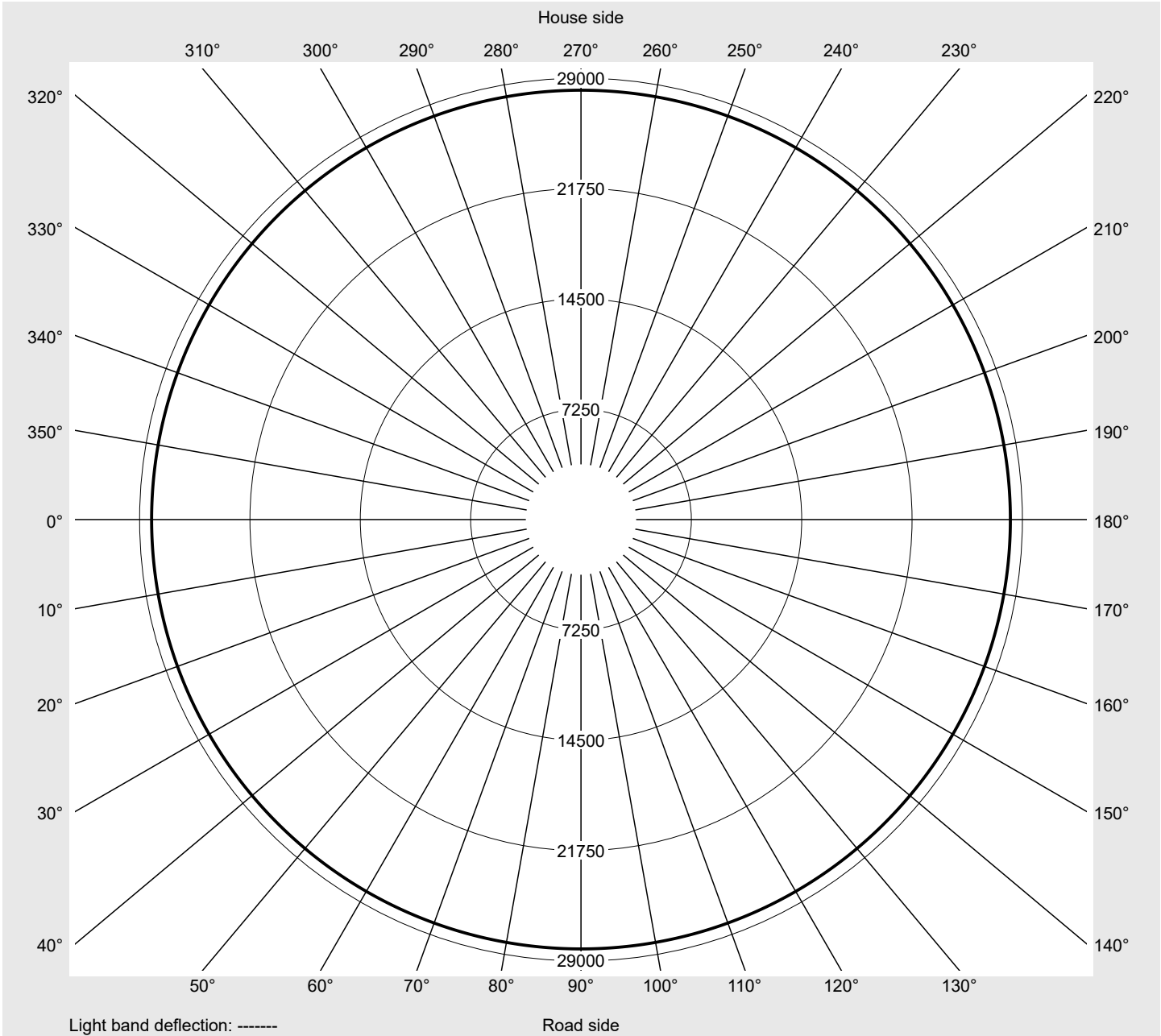
Luminous intensity class acc. to EN13201-2	
Class:	G6
Imax 70°	14.0
Imax 80°	6.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
 DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm	KMK 0°	
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Table of values for luminous intensities	Maximum luminous intensity
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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°
γ Luminous intensity in cd/klm										
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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Table of values for luminous intensities	Maximum luminous intensity
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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°	28210.3	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.0	1000.0

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Family
Floodlight FL11

Order number: 5XA779526Q01AA
EAN: 4058352847732

LP number
59465_38

Dimming levels table

environmental temperature: 10°C

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Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	255	184960	1387.6
95	233	175482	1263.9
90	215	166416	1162.9
85	199	157433	1073.3
80	183	148030	983.5
75	168	138457	900.1
70	155	129601	828.5
65	141	120107	752.0
60	128	110781	681.4
55	117	101884	621.8
50	104	92668	551.7
45	92	83381	488.0
40	81	74315	429.9
35	70	65038	371.6
30	59	55468	313.3
25	48	46527	255.8
20	38	36714	204.6
15	28	27612	153.8
10	19	18539	107.9
5	9	9358	57.8
1	2	2517	20.9

Dimming levels table

environmental temperature: 25°C

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
95	----	----	----
92	217	161757	1165.8
90	211	158803	1132.2
85	195	150153	1043.3
80	179	141575	953.9
75	164	132610	870.8
70	151	123744	799.6
65	137	114641	723.9
60	125	106315	659.2
55	114	97477	600.8
50	100	88612	525.4
45	89	79403	467.4
40	78	70645	409.8
35	67	61576	351.5
30	57	52805	299.6
25	46	43719	242.9
20	37	35422	197.3
15	27	26416	147.0
10	18	17777	101.6
5	9	9275	57.1
1	2	2497	20.6

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Luminousfluxs table



Temperature °C	Luminous flux lm	Power consumption W
10.0	184960.0	1387.6
25.0	162690.0	1176.7