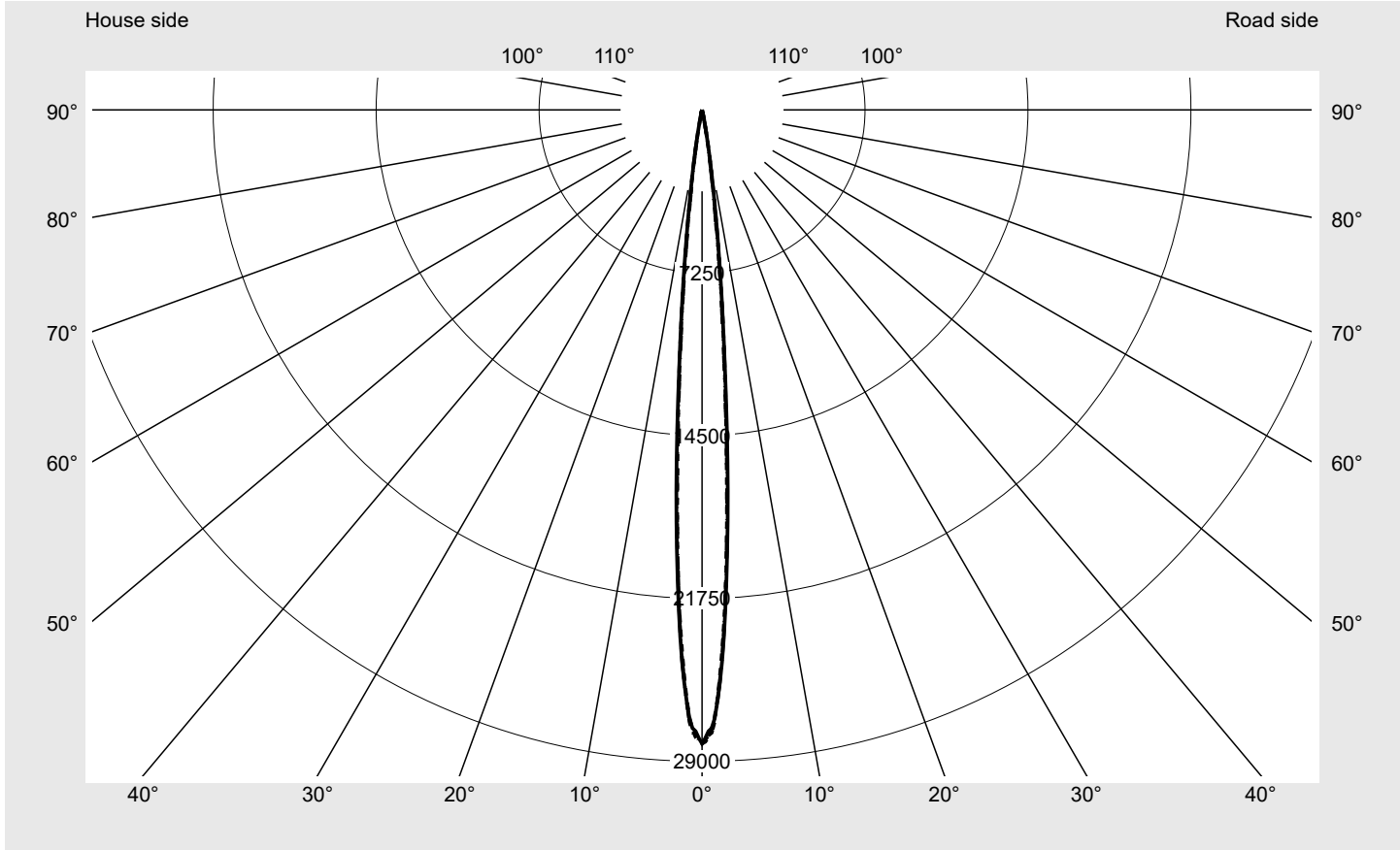


Photometric test report

Family Floodlight FL11 	Order number: 5XA779525Q01AA EAN: 4058352847718	LP number 59465_37
	Version standard bracket Optic symmetric distribution RS4 Cover toughened safety glass Lamps LED 3000 K CRI ≥ 70 Controlgear ECG-DMX Rated values Ta = 10 °C Net luminous flux = 173640 lm Power consumption = 1334.7 W Luminous efficacy = 130.1 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%

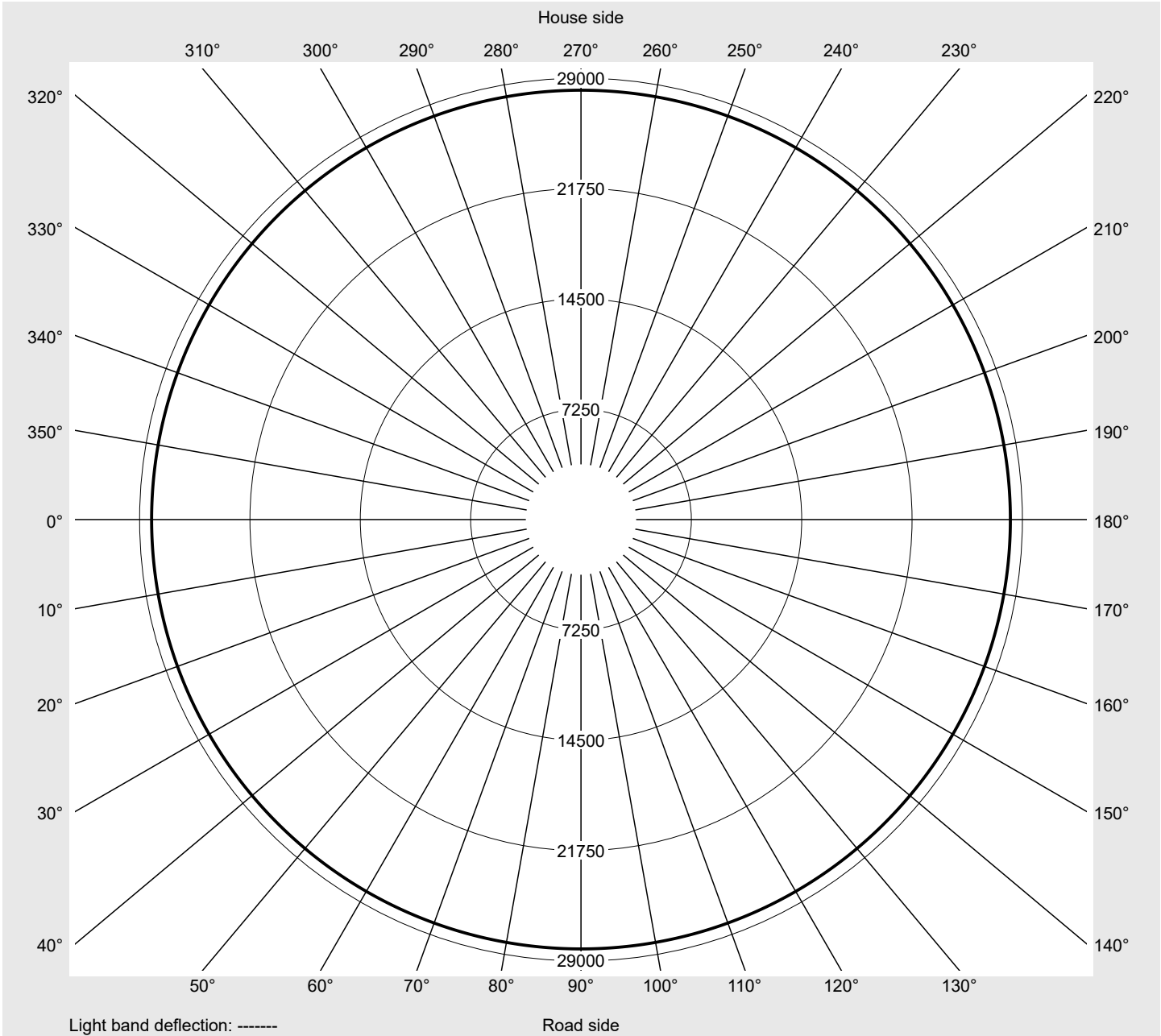
Luminous intensity class acc. to EN13201-2	
Class:	G6
Imax 70°	14.0
Imax 80°	6.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Floodlight FL11	Order number: 5XA779525Q01AA EAN: 4058352847718	LP number 59465_37
---	--	-------------------------------------

Envelope curve in cd/klm **KMK 0°** **siteco**



Photometric test report

Family Floodlight FL11	Order number: 5XA779525Q01AA EAN: 4058352847718	LP number 59465_37
----------------------------------	--	------------------------------

siteco

Table of values for luminous intensities Maximum luminous intensity

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

Photometric test report

Family Floodlight FL11	Order number: 5XA779525Q01AA EAN: 4058352847718	LP number 59465_37
----------------------------------	--	------------------------------

sITeco

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°	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

Photometric test report

Family Floodlight FL11	Order number: 5XA779525Q01AA EAN: 4058352847718	LP number 59465_37
----------------------------------	--	------------------------------

Dimming levels table	environmental temperature: 10°C	sITeco
-----------------------------	---------------------------------	---------------

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	255	173640	1334.7
95	234	164728	1221.2
90	217	156409	1129.2
85	201	147637	1043.3
80	185	139124	956.9
75	170	130361	876.7
70	157	121735	807.7
65	143	112940	734.2
60	130	104296	666.3
55	119	95854	610.1
50	104	86702	531.4
45	93	77990	475.0
40	82	69717	419.1
35	71	61157	362.6
30	60	52166	307.0
25	49	43887	251.7
20	39	34925	202.4
15	28	25649	148.6
10	19	17440	104.3
5	9	8708	56.1
1	2	2352	20.5

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

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
95	----	----	----
91	215	150125	1110.4
90	213	149319	1099.8
85	197	141098	1014.1
80	181	132635	928.2
75	166	124454	848.6
70	152	116135	775.0
65	139	107820	707.2
60	126	99211	640.3
55	115	91312	582.0
50	101	82893	510.9
45	90	74390	455.3
40	79	66221	399.7
35	68	57909	343.7
30	58	49661	293.8
25	47	41195	239.3
20	37	32907	190.5
15	27	24528	141.9
10	18	16728	98.2
5	9	8629	55.5
1	2	2332	20.2

Photometric test report

Family Floodlight FL11	Order number: 5XA779525Q01AA EAN: 4058352847718	LP number 59465_37
----------------------------------	--	-------------------------------------

Luminousfluxs table



Temperature °C	Luminous flux lm	Power consumption W
10.0	173640.0	1334.7
25.0	150620.0	1116.9