

StageLite Led



StageLite Led FX

KEY FEATURES

- Pixel control 32 ch
- A truly unique fixture which can be focused asymmetrically on a Cyc, used as a foot wash, up lighting, and an effects unit from the same mounting position.
- The vertical beam zoom from 11° to 34° can be also focused from +56° to -52° (Patent Pending)
- Asymmetric and symmetric beam in one single fixture (Patent Pending)
- Swing effect
- 75% to 82% energy saving compared to traditional technology at the same brightness
- Robust aluminum, long lasting light source in long lasting body
- No fan, no maintenance, no noise
- Flicker free



StageLite LED FX - #10004A129

StageLite LED FX IP65 - #10004A133

StageLite LED FX IP65 with yoke - #10004A155

yoke architectural bracket



STAGELITE LED FX

SPECIFICATIONS

RGB+White color mixing

Intensity of each ½ line of LEDs can be individually controlled

4 different control modes: global (compact), 2 zones (cell), 3 lines (lines), 6 ½ lines (frames)

Proportional zoom 11° - 34° (vertical beam, ½ peak angle)

The light beam is generated by three independent optical planes (Patent Pending) with 3 different kinds of customized (40x13° lenses mounted)

Orientable beam from +56° to -52°; linear adjustment with digital positioning control: concentrate, symmetrical or asymmetrical

Electronic dimmer

Electronic strobe, synchronized, random, pulse effect

Swing effects

Flicker free, LEDs frequency controlled by DMX

Orientable standing feets

Quick camlock clamps, on a modular guide with adjustable position

Weatherproof rating IP 20 (StageLite Led FX), IP 65 (StageLite Led FX IP65)

PHYSICAL SIZE

Length: 609 mm (24 in)

Width: 211 mm (8.3 in)

Height: 181 mm (7.1 in)

Weight: 12 kg (26,4 lbs)

LIGHT SOURCE

96 XP Cree LEDs, 24 Red, 24 Green, 24 Blue and 24 White (6000 Kelvin)

CONTROL PROTOCOL AND PROGRAMMING

USITT DMX512/1990

Dmx channels: 12/16/20/32

Setting and addressing: LEDs display or remotely

ELECTRICAL SPECIFICATIONS/CONNECTIONS

AC power: 90-250 V, auto sensing, 50/60 Hz, 2m (6.6 ft) integral cable without power plug, with PowerCon connector (only IP 20 version)

Power consumption: 1 A at 230 V, 2 A at 115 V

DMX data in/out: 3 pin and 5 pin locking XLR (IP 20 version), 3 pin locking XLR (IP 65 version)



StageLite Led FX IP65 with yoke



StageLite Led FX IP20



StageLite Led FX - DMX Chart

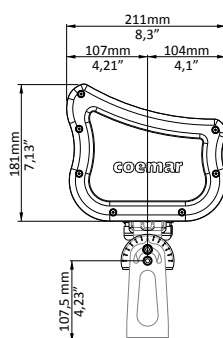
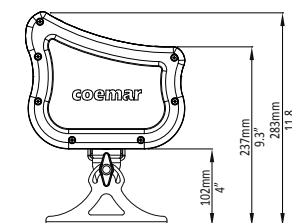
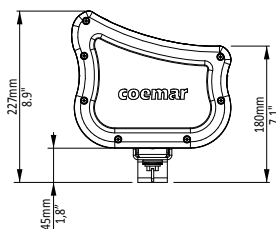
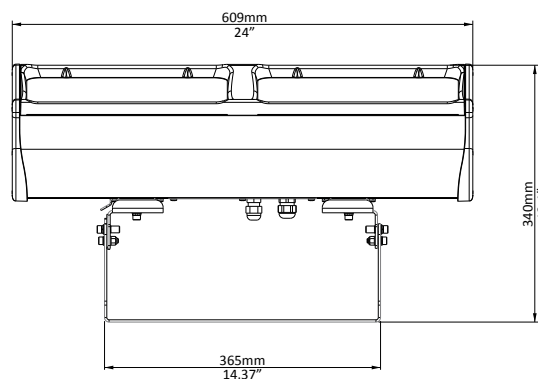
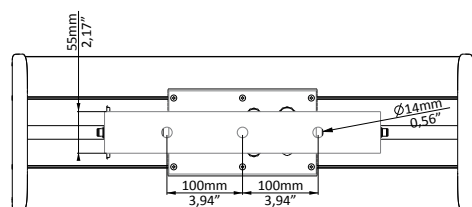
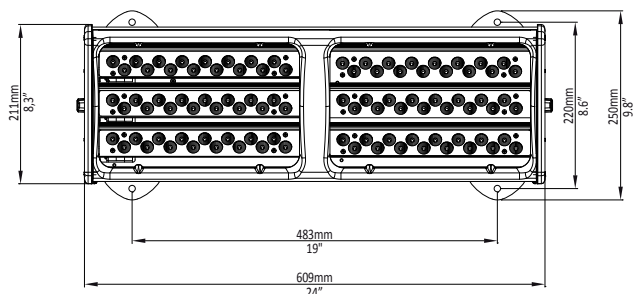
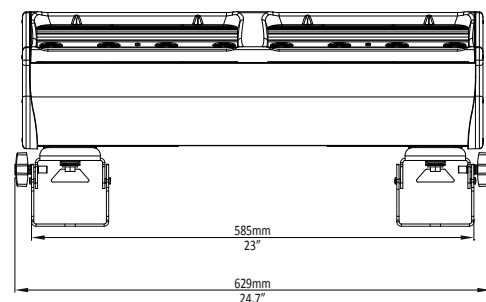
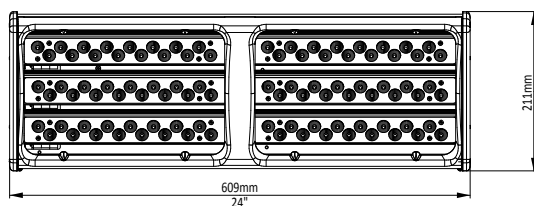
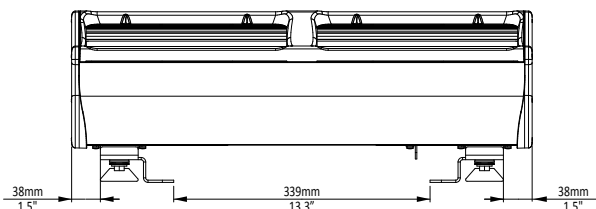
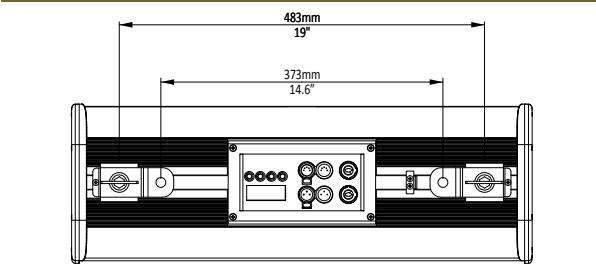
StageLite Led FX (Frames) DMX Chart		
Frames	Channel	Function
Frame 1	1	dimmer
	2	red
	3	green
	4	blue
	5	white
Frame 2	6	red
	7	green
	8	blue
	9	white
Frame 3	10	red
	11	green
	12	blue
	13	white
Frame 4	14	red
	15	green
	16	blue
	17	white
Frame 5	18	red
	19	green
	20	blue
	21	white
Frame 6	22	red
	23	green
	24	blue
	25	white
	26	strobe effect
	27	led line 1
	28	led line 2
	29	led line 3
	30	automated functions and fade speed
	31	effects movement
	32	motors reset and special functions

StageLite Led FX (Global) DMX Chart		
Global	Channel	Function
Global	1	dimmer
	2	red
	3	green
	4	blue
	5	white
	6	strobe effect
	7	led line 1
	8	led line 2
	9	led line 3
	10	automated functions and fade speed
	11	effects movement
	12	motors reset and special functions

StageLite Led FX (Lines) DMX Chart		
Lines	Channel	Function
Line 1	1	dimmer
	2	red
	3	green
	4	blue
	5	white
Line 2	6	red
	7	green
	8	blue
	9	white
Line 3	10	red
	11	green
	12	blue
	13	white
	14	strobe effect
	15	led line 1
	16	led line 2
	17	led line 3
	18	automated functions and fade speed
	19	effects movement
	20	motors reset and special functions

StageLite Led FX (Zones) DMX Chart		
Zones	Channel	Function
Zone 1	1	dimmer
	2	red
	3	green
	4	blue
	5	white
Zone 2	6	red
	7	green
	8	blue
	9	white
	10	strobe effect
	11	led line 1
	12	led line 2
	13	led line 3
	14	automated functions and fade speed
	15	effects movement
	16	motors reset and special functions

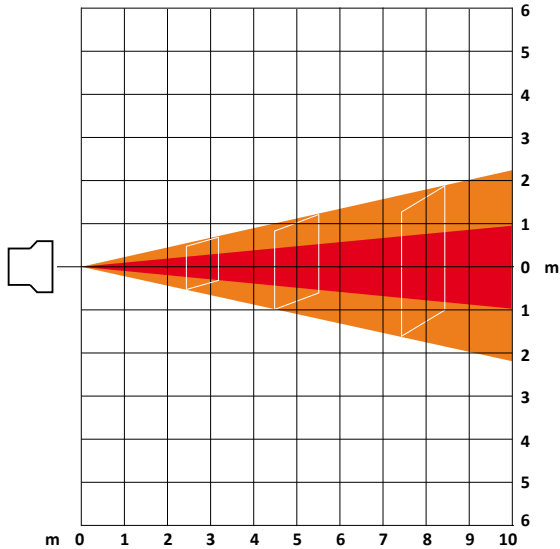
StageLite Led FX - Drawing Size



StageLite Led FX - Photometric Data

Elliptical lenses- Vertical beam

distance (m)	1	2	3	4	5	6	7	8	9	10	Lumen
Red	4347	1087	483	272	174	121	89	68	54	43	508
Luminous	6147	1537	683	384	246	171	125	96	76	61	719
emittance	Blue	1728	432	192	108	69	48	35	27	21	201
(Lux)	White	6975	1744	775	436	279	194	142	109	86	816
All LEDs on	18756	4689	2084	1172	750	521	383	293	232	188	2194
Ø 1/2 peak angle m	0,19	0,39	0,58	0,77	0,96	1,16	1,35	1,54	1,73	1,93	
Ø 1/10 peak angle m	0,44	0,89	1,33	1,77	2,22	2,66	3,10	3,55	3,99	4,43	

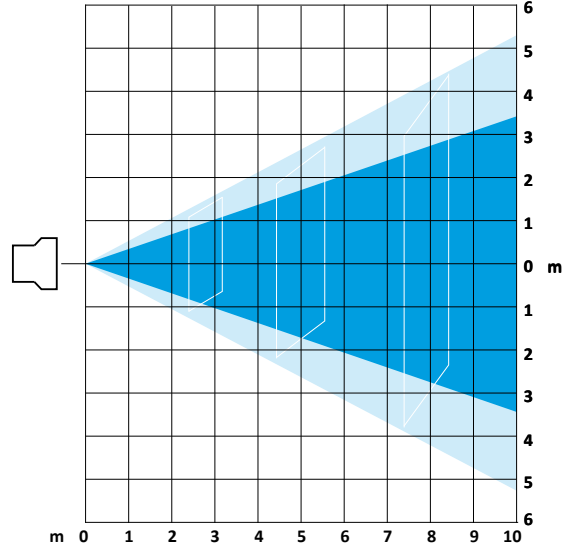


1/2 peak angle: 11°

1/10 peak angle: 25°

Elliptical lenses- Horizontal beam

distance (m)	1	2	3	4	5	6	7	8	9	10
Ø 1/2 peak angle m	0,69	1,38	2,07	2,75	3,44	4,13	4,82	5,51	6,20	6,89
Ø 1/10 peak angle m	1,06	2,13	3,19	4,25	5,32	6,38	7,44	8,51	9,57	10,63

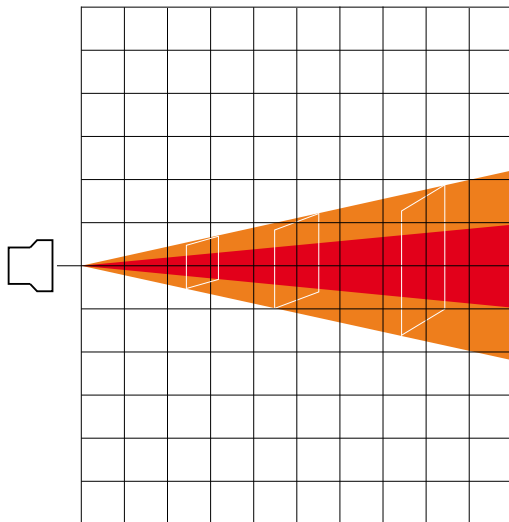


1/2 peak angle: 38°

1/10 peak angle: 56°

12° lenses- Vertical beam

distance (m)	1	2	3	4	5	6	7	8	9	10	Lumen
Red	8460	2115	940	529	338	235	173	132	104	85	988
Luminous	11475	2869	1275	717	459	319	234	179	142	115	1342
emittance	Blue	3195	799	355	200	128	89	65	50	39	374
(Lux)	White	14535	3634	1615	908	581	404	297	227	179	1699
All LEDs on	37440	9360	4160	2340	1498	1040	764	585	462	374	4382
Ø 1/2 peak angle m	0,19	0,39	0,58	0,77	0,96	1,16	1,35	1,54	1,73	1,93	
Ø 1/10 peak angle m	0,44	0,89	1,33	1,77	2,22	2,66	3,10	3,55	3,99	4,43	

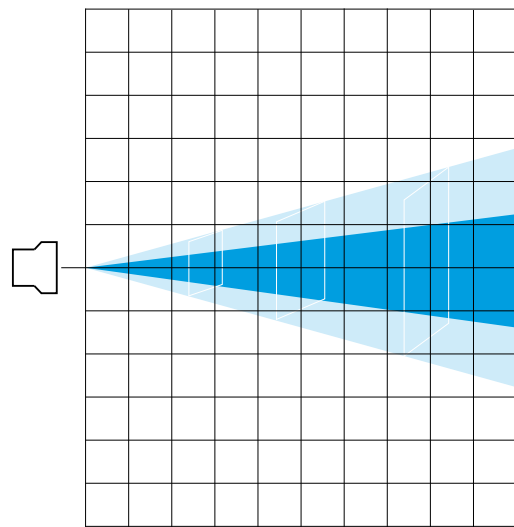


1/2 peak angle: 11°

1/10 peak angle: 25°

12° lenses- Horizontal beam

distance (m)	1	2	3	4	5	6	7	8	9	10
Ø 1/2 peak angle m	0,26	0,53	0,79	1,05	1,32	1,58	1,84	2,11	2,37	2,63
Ø 1/10 peak angle m	0,55	1,11	1,66	2,22	2,77	3,33	3,88	4,44	4,99	5,55



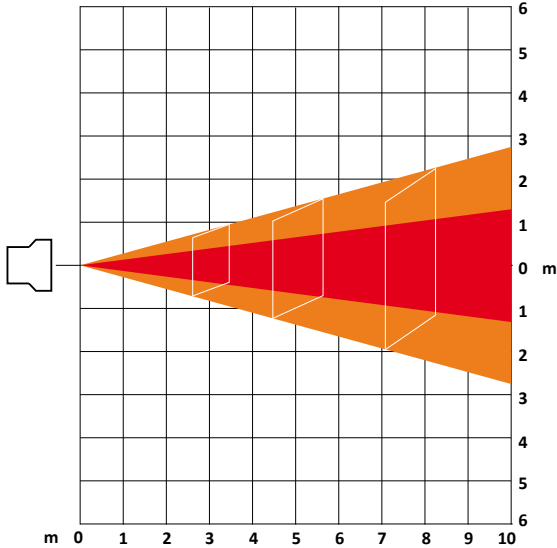
1/2 peak angle: 15°

1/10 peak angle: 31°

StageLite Led FX - Photometric Data

30° lenses- Vertical beam

distance (m)	1	2	3	4	5	6	7	8	9	10	Lumen
Red	6534	1634	726	408	261	182	133	102	81	65	468
Luminous	Green	10800	2700	1200	675	432	300	220	169	133	774
emittance	Blue	2610	653	290	163	104	73	53	41	32	186
(Lux)	White	10332	2583	1148	646	413	287	211	161	128	740
All LEDs on	29925	7481	3325	1870	1197	831	611	468	369	299	2146
Ø 1/2 peak angle m	0,26	0,53	0,79	1,05	1,32	1,58	1,84	2,11	2,37	2,63	
Ø 1/10 peak angle m	0,54	1,07	1,61	2,14	2,68	3,22	3,75	4,29	4,82	5,36	

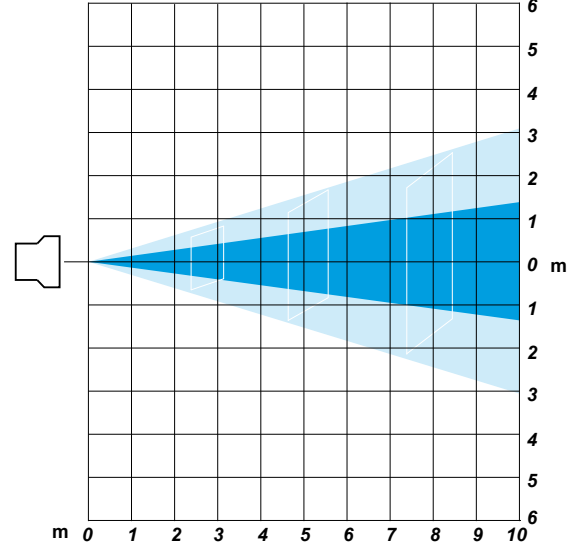


1/2 peak angle: 15°

1/10 peak angle: 30°

30° lenses- Horizontal beam

distance (m)	1	2	3	4	5	6	7	8	9	10
Ø 1/2 peak angle m	0,28	0,56	0,84	1,12	1,41	1,69	1,97	2,25	2,53	2,81
Ø 1/10 peak angle m	0,61	1,22	1,83	2,45	3,06	3,67	4,28	4,89	5,50	6,11

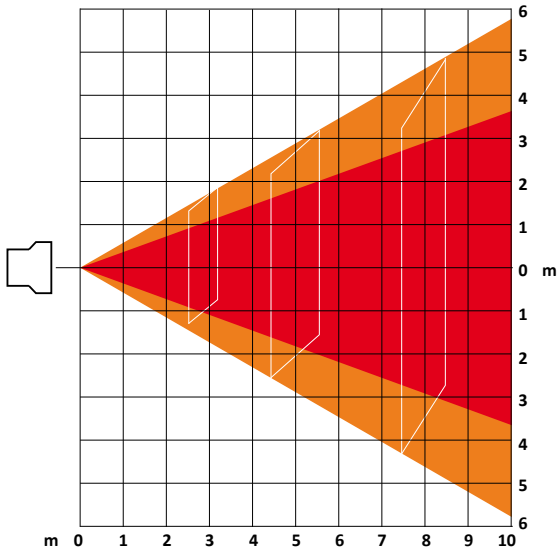


1/2 peak angle: 16°

1/10 peak angle: 34°

50° lenses- Vertical beam

distance (m)	1	2	3	4	5	6	7	8	9	10	Lumen
Red	1656	414	184	104	66	46	34	26	20	17	652
Luminous	Green	2754	689	306	172	110	77	56	43	34	1087
emittance	Blue	657	164	73	41	26	18	13	10	8	257
(Lux)	White	3204	801	356	200	128	89	65	50	40	1265
All LEDs on	8280	2070	920	518	331	230	169	129	102	83	3271
Ø 1/2 peak angle m	0,73	1,46	2,18	2,91	3,64	4,37	5,10	5,82	6,55	7,28	
Ø 1/10 peak angle m	1,15	2,31	3,46	4,62	5,77	6,93	8,08	9,24	10,39	11,55	

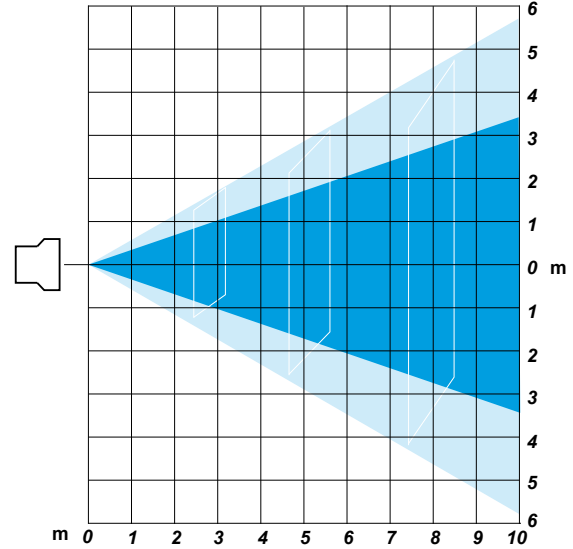


1/2 peak angle: 40°

1/10 peak angle: 60°

50° lenses- Horizontal beam

distance (m)	1	2	3	4	5	6	7	8	9	10
Ø 1/2 peak angle m	0,69	1,38	2,07	2,75	3,44	4,13	4,82	5,51	6,20	6,89
Ø 1/10 peak angle m	1,15	2,31	3,46	4,62	5,77	6,93	8,08	9,24	10,39	11,55



1/2 peak angle: 16°

1/10 peak angle: 34°

StageLite Led FX - Available Versions

Description	Version
Interchangeable Optics	Elliptical: 40°x13° (standard)
	Narrow Beam: 12°
	Medium Beam: 30°
	Wide Beam: 50°
	Custom: Line 1= 50° - Line 2= 30° - Line 3= 40°x13°
IP Rate	IP 20
	IP 65
	IP 65 Anti-saline treatment
LED Mix	RGBW (standard)
	BBGW
	AWWB
	Custom
Beam Control	Manual
Fixing System	2 ground-standing feet w/quick camlock fixing system
	Quick camlock clamps
	Yoke - Architectural bracket

StageLite Led FX - Accessories

Picture	Code	Description	Equipment
	8052/1	2 ground-standing feet	Included in #10004A129 #10004A133 versions
	8052/3	Quick camlock clamps	Included in #10004A129 #10004A133 versions
	8052/4	PowerCon Cable (2 m)	Included in #10004A129 version
	CV18	PowerCon CableIN/OUT Cable (2 m)	Not Included

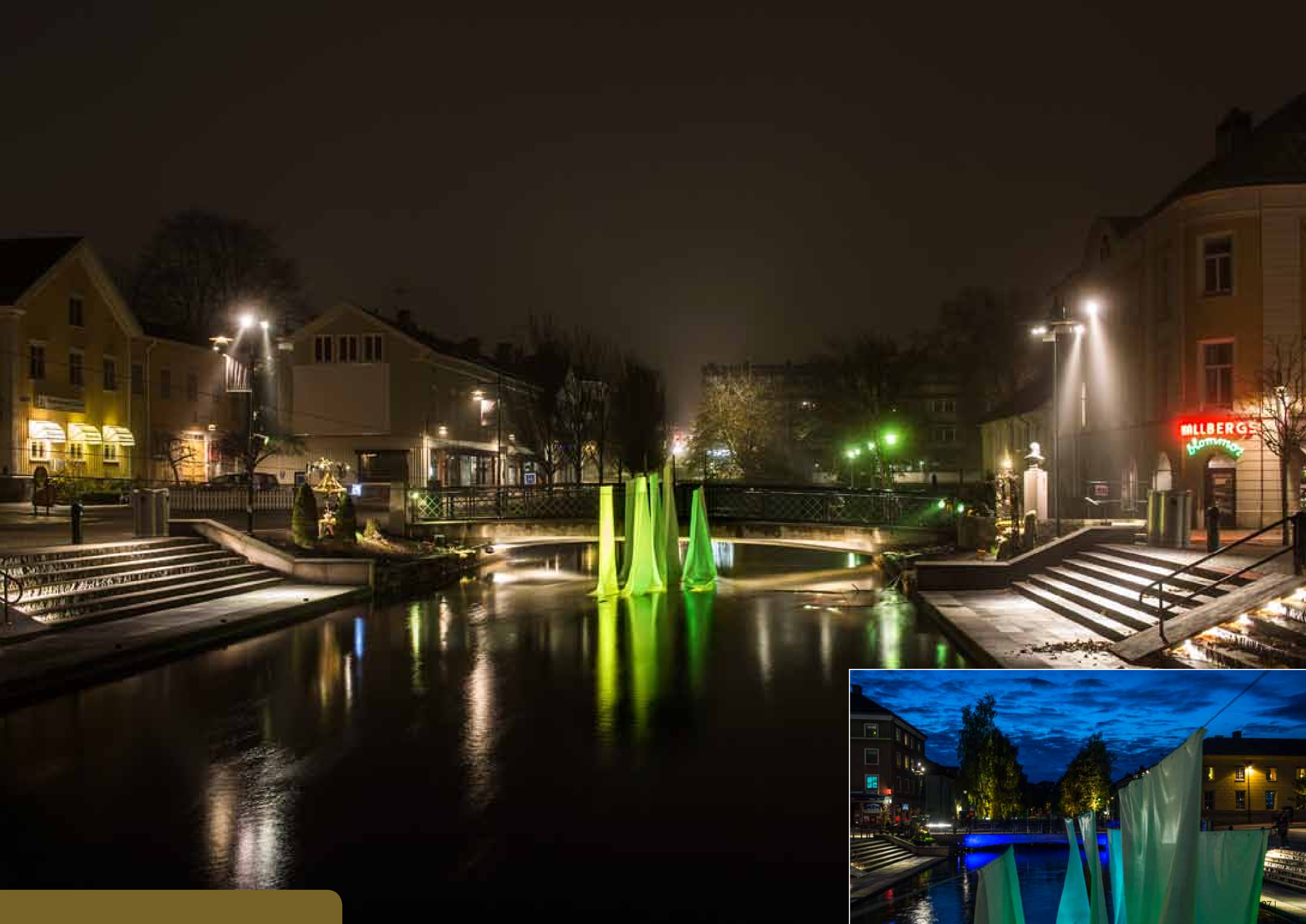


















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