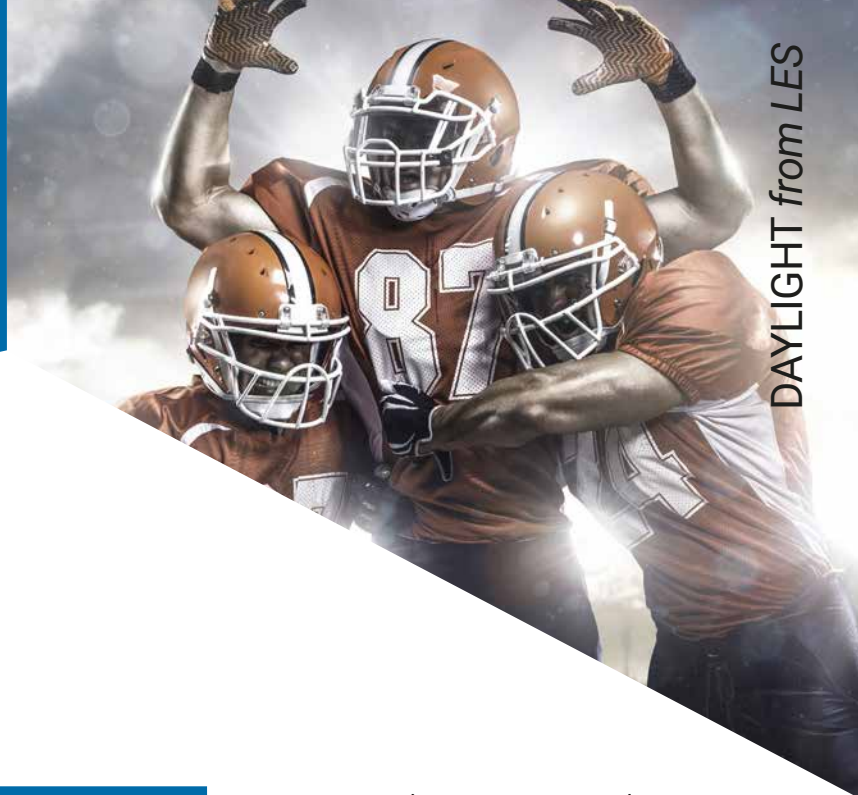


# XS10

## Array LeS technology

TK XS10 EN01 16-07  
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Manufactured in Finland



DAYLIGHT from LES

THE BEST OR NOTHING.  
VERSATILE ARENA LIGHT,  
XS10 – DAYLIGHT *from LeS*

THE XS10 IS  
A PERFECT FIT FOR  
ALL KINDS OF ARENAS.

- More than 40 000 lumens
- Amazing color rendering
- Instant ignition
- Maintenance free
- Flicker Free
- Great efficiency of 140-178 lm/W
- Superior lifespan



XS10 is our solution for all kinds of arenas. It produces more than 44 000 lumens with great controllability. We can use six different combinations of reflectors and optics to distribute the light. This gives us the possibility to light all kind of arenas and environments with great lux values and conformity.

### FLICKER FREE

XS10, like all of our other luminaires, is technically very advanced. Our light is always completely flicker free. It resembles daylight with a CRI of over 85 and a color temperature of 5000 K. These qualities make our luminaire a perfect match for HDTV productions and slow motion videos.

### CAREFREE AND EASY TO CONTROL

Like all of our luminaires, the lifespan of the XS10 is breathtaking. We promise a lifespan of over 200 000 hours with no considerable loss (1,1%) in luminous flux. Our L70 test result promises a lifespan of over 728 000 hours. The luminaire does ignite instantly and will not cause any surges to the grid when powered on. It can be fully controlled with multiple interfaces. Full controllability and instant ignition gives you the chance to create stunning light shows using our luminaires.

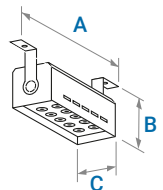
XS10 produces 44 000 lumens, has amazing color rendering index, versatile optics and a lifespan of over 200 000 hours.



### DIMENSIONS

	A	B	C
mm	600	185	185

Luminaire weight 7 kg



# Type key designation XS10

**XS10** | **I** | **300** | **S** | **A** | **01** | **00** | **5** | **2**

**PRODUCT FAMILY**  
XS10

**MODEL**  
I

**POWER**  
300 = 300 W



**HOLDER**  
A

**BEAM ANGLE**  
S = 12-52° SPOT (narrow spotlight)  
F = 58-74° FLOOD (general)  
A = 90-122° AREA (broad area)



**REFLECTOR TYPE / BEAM**

Fits holder A:  
01 = XW / 92°  
02 = W / 64°  
03 = M / 51°  
04 = S / 39°



05 = FAXW / 72°  
06 = FAW / 46°

**IP-CLASS**  
1 = IP20  
2 = IP44  
3 = IP54  
4 = IP65

**COLOR**  
1 = RAL9010  
(white)  
3 = RAL9005  
(black)

**LENS TYPE**  
01 = Protective glass  
00 = No glass



# Technical data, XS10

XS10 is a very powerful solution for all kind of arenas or environments. It can be used efficiently in great variety of lighting solutions.

## BEAM WIDTH

XS10S	XS10F	XS10A
Spot	Flood	Area
12-52°	58-74°	90-122°
high locations	all around	area lighting

## ECOLOGY

Energy	
Luminaire efficiency	144 lm/W
Dimming	0-140 %

## Materials

RoHS-compatible	Yes
Weight	7 kg
Recycling	Yes
Recyclable material	100 %

## Lifespan (Array LeS)

Light chip lifespan	200 000 h
Power supply lifespan (within given range)	100 000 h

## XS10

### Technical data

Power	W	305
Luminous flux	lm	44 200
Luminaire efficiency	lm/W	144
Color temperature / ANSI CCT	K	5000
Color rendering index CRI/Ra	Ra	>80
Light chip / Array light module		BxRV18
Light chip voltage	V DC	29.5
Energy efficiency class - Energy Star		AAA
Light chip lifespan	Years	25
	Hours	200 000

### Luminaire control

Luminaire reconnection	ms	0,075
Dimming	%	0-140
Manual control	V	0-10
Control devices: DMX, DALI, 1-10 V, PWM		Yes

### Mechanical data

Protection class		IP43 (IP67)
Luminaire weight	kg	7
Installation: roof, wall, pole		Yes
Ambient working temperature, continuous	°C	-42... +70
Ambient working temperature, short-term	°C	-45... +105
Warranty	Years	5
Maintenance free		Yes
Cleaning – allows pressurized water/air	Max. bar	2
Ecology: Recyclable material	%	100

### Installation

Roof, wall, track		Yes
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### Power supply (electronic) class 2, MWHLG

Luminaire current, 232 V AC	A	1.3
Efficiency	%	97.2
Voltage range / 50-60 Hz	V AC	90-305
Power supply protection class		IP67
Power supply distance from luminaire	m	0-20

### Materials and handling

Frame: extruded aluminum profile  
 Lense: tempered glass  
 Seals: silicone  
 Surface: anodizing or powder coating

XS10 is the perfect solution  
for all kinds of arenas.

It will give you more than enough light  
with amazing qualities like high CRI,  
and daylight color temperature.

*LumiTar*<sup>TM</sup>  
ARRAY LIGHTING TECHNOLOGY FINLAND

**LumiTar Array Lighting Technology Finland Oy**  
HOVIOIKEUDENPUUSTIKKO 23  
FI-65100 VAASA  
FINLAND  
TEL. +358 (0)40 351 8285  
[www.lumitar.fi](http://www.lumitar.fi)

