

XS04

Array LeS technology

TK XS04 EN01 16-07
All rights reserved
Manufactured in Finland

DAYLIGHT from LES

THE BEST OR NOTHING.
FOR SMALLER ARENAS,
XS04 – DAYLIGHT *from LeS*

THE XS04 IS
A PERFECT FIT
FOR SMALLER ARENAS
AND INDUSTRIAL
ENVIRONMENTS.

- 17 700 lumens
- Amazing color rendering
- Instant ignition
- Maintenance free
- Flicker free
- Great efficiency of 144 lm/W
- Superior lifespan



XS04 produces 17 700 lumens with 144 lm/W efficiency, amazing color rendering index and a lifespan of over 200 000 hours.

XS04 is the smallest luminaire in our XS product family. Even though it is small in size it still packs in an amazing range of qualities.

Because of great variety of reflectors and optics, the XS04 can be installed in almost every environment from tennis arenas to industrial environments.

FLICKER FREE

Like all of our other luminaires, XS04 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.

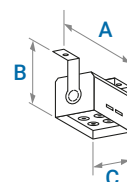
CAREFREE AND EASY TO CONTROL

Like all of our luminaires, the XS04 has a breathtaking lifespan. We promise a lifespan of over 200 000 hours with no considerable loss (1,1 %) in luminous flux. According to our L70 test result, lifespan can be up to 728 000 hours. The luminaire will have no delay or surges to the grid when powered on and it can be fully controlled with DMX interfaces. DMX controllability gives you the chance to create stunning light shows using our luminaires.



DIMENSIONS

	A	B	C
mm	450	185	185
Luminaire weight 4,9 kg			



Type key designation XS04

XS04 | **I** | **125** | **S** | **A** | **01** | **02** | **5** | **2**

PRODUCT FAMILY
XS04

POWER
125 = 125 W

HOLDER
 A

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

MODEL
|

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°
07 = FAM / 29°
08 = FAS / 18°



09 = OR / 170°

No holder:

10 = STHB / 69°
11 = STA18 / 120°



Fits holder ME:

12 = 6W / 58°
13 = 7M / 38°
14 = 8S / 36°
15 = 9SS / 30°
16 = 10S6 / 12°



17 = XW / 77°
18 = 10W / 67°
19 = 11M / 52°
20 = 12S / 40°



COLOR
1 = RAL9010 (white)
2 = RAL9006 (grey)
3 = RAL9005 (black)

LENS TYPE

01 = Clear L
02 = Flood L
03 = Diff L
04 = Street L



05 = Clear H
06 = Flood H
07 = Diff H
08 = Street H



09 = Cup Cl
10 = Cup Fr



11 = Cup IK



12 = Le Fr
13 = Le Sp
14 = Le Sps



Technical data, XS04

XS04 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

XS04S	XS04F	XS04A
Spot	Flood	Area
12-52°	58-74°	90-122°
high locations	all around	area lighting

ECOLOGY

Energy

Luminaire efficiency	144 lm/W
Dimming	0-100 %

Materials

RoHS-compatible	Yes
Weight	4.9 kg
Recycling	Yes
Recyclable material	100 %

Lifespan (Array LeS)

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

XS04

Technical data

Power	W	125
Luminous flux	lm	17 700
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		Yes

Mechanical data

Protection class		IP44 (IP65)
Luminaire weight	kg	4.9
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
-------------------	--	-----

Power supply (electronic) class 2, MWHLG

Luminaire current, 232 V AC	A	0.55
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

XS04 is a perfect all around solution
for smaller arenas and
all kinds of industrial environments.

*LumiTar*TM
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

