ATON®

DATASHEET







LED R+A+WW | TFT Display | IP65 | DMX | RDM | Pixel control | DIM | 650W Power

BLINDER LIGHT AH024B

- 4 blinder,16pcs*3W Red+20pcs*3W Amber+40pcs*15W WW
- 650W high power
- LED pixel control,with fast lock,turnable filter
- Excellent CRI =93
- Screen support reverse function
- With 4 touch button control panel
- 57° beam angle
- Built-in RDM, 7 lighting programs and 4 dimming modes
- IP65 rated for Indoor & Outdoor use
- Static waterproof fan with intelligent speed control
- Intelligent temperature protection system
- A uniform color mixing system can adjust the effect of tungsten filament lamps

The IP65 rated 4 blinder, with 16pcs*3W Red+20pcs*3W Amber+40pcs*15W WW,and a total power of 650W to meet the color requirements of professional performances.

Each LED bead can be controlled individually, realizing precise light adjustment. Equipped with reversible screen, convenient for users to adjust the screen according to the actual needs of the screen support RDM, through the wireless remote control for remote adjustment of lighting parameters.

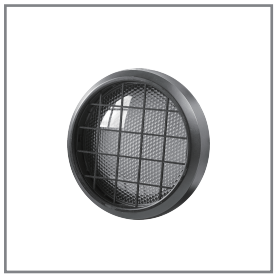
With 4 touch button control panel, integrated yoke and side mounting brackets. Adopts static waterproof fan with intelligent speed control, effectively preventing the lamps from overheating and prolonging the service life. With intelligent temperature protection to ensure the service life of LED and reduce the failure rate.

All in all, with excellent light effect parameters, rich functions and efficient heat dissipation performance, this audience light is ideal for performances, conferences, exhibitions and other occasions.

Accessories



Charge case



Magnetic cover



Frost filter



110 Fast lock



Safety rope

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Technical Data

Optical Data

LED expected lifetime:50000H

Lightsource:16pcs*3W Red+20pcs*3W Amber+40pcs*15W WW

Color Temperature (at full):

1800K/2000K/2200K/2400K/2600K/2800K/3000K

CRI:93

Photometric

Efficacy:18 lm/W

Light output all LEDs on:7567 lm

Light output Amber:369 lm

Light output WW:7398 lm

Lux @ 2m:2055 lx

Lux @ 5m:329 lx

Lux @ 8m:128 lx

Lux @ 10m:82 lx

Native beam angle(s):57°

Initial field of view (spot angle):91°

Physical

Color options:Fine sand black(Black-RAL 9004)

IK rating:IK07

IP class:IP65

Material:luminium

Net dimensions:405*395*240mm

Net weight:13.52kg

Features

Color calibration:127-255

Dimming curve:Linear/Square Law/Inverse Square Law/S-Curve

Dimmer:0-255%

Emulation mode / effect:yes

LED panel:4*4pcs*3W Red+4*5pcs*3W Amber+4*10pcs*15W WW

Strobe:pulse/random pulse/opening pulse/closing pulse

/random opening pulse/random closing pulse/burst/random burst pulse

Strobe Speed:0 - 20Hz adjustable

Tilt:0-90°

Tilt locking system:yes

Segment control :4 segments

Screen Type:LCD

Electrical

Electrical protection:Overload protection, output overvoltage protection,

over-temperature protection

Input voltage,absolute max. Rating:100 - 240VAC 50/60Hz

Input voltage,nominal:100 - 240VAC 50/60Hz

Max inrush current 240V AC:60A

Total Power:650W

Max power consumption:642W

Constant power consumption:408W

Power factor:PF = 0.99

Power Supply Unit:Overload protection, output overvoltage protection,

over-temperature protection

Standby power consumption:8W

Maximum Connections:5 pcs@220V 2 pcs@110V

Programming and Control

16-bit control:yes

Cabled DMX:3 pin/5 pin XLR input/output

DMX channels:1/2/4/5/8/9/12/18/11/20CH

DMX modes:10

Protocol:USITT DMX512/RDM ANSI E1.20

Setting and addressing:Manual settings at the display buttons/RDM

Connections

DMX data in/out:Seetronic 3PIN in＆out(C3F2C-W)

Power Connection:Seetronic SAC3PX（New）

Power Input/Output Connector:Seetronic-Waterproof Power Supply Output Black-SAC3FX

Cable Length (power):European single head waterproof power cable（H0R07)1.5m*2.5mm²

Max. overcurrent (power supply AC line):

Max. Input Current：8.5A

+42V：Max. Output Current 16A

+12V：Max. Output Current2A

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Technical Data

Installation

Rigging possibilities:Hanging

Safety features:4safety wire connection point

Thermal

Cooling:Chassis & Fan cooling

Humidity (max.):98%

Temperature range:0°C-40°C

Included ACCESSORIES

1.5m power cable*1

Frost filter*4

110 fast lock*1

OPTIONAL ACCESSORIES

Safety rope*1

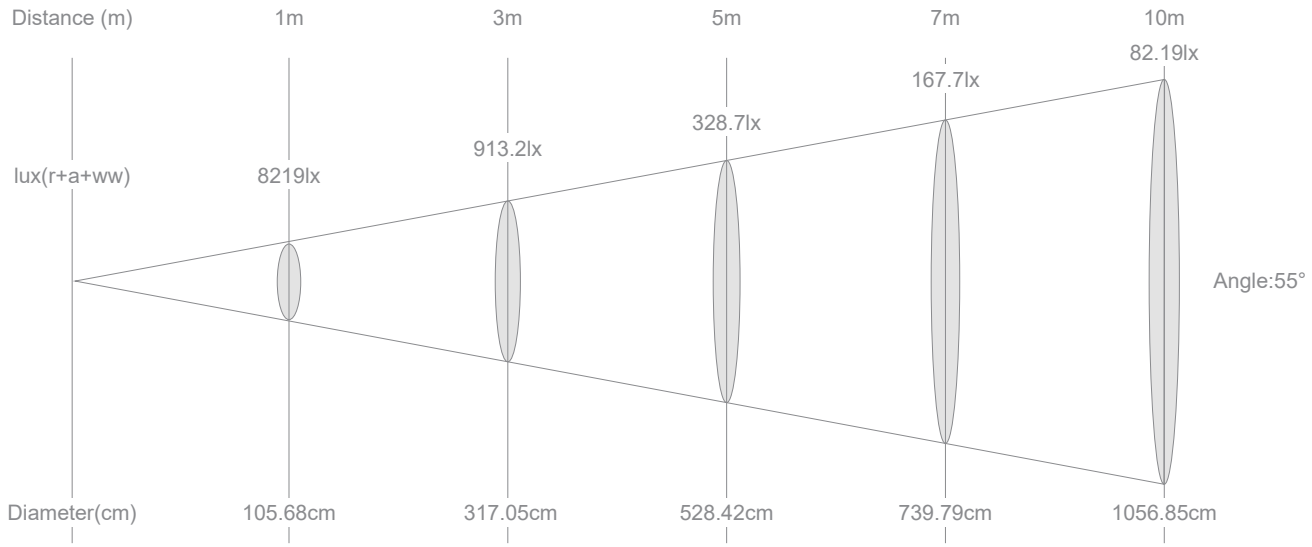
clamp*1

Magnetic Cover (Spotlight Magnetic Cover)*4

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Luminaire Photometrics



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Accessories

Aton name	Order Number
1.5m power cable*1	330080009
Frost filter*4	320090077
110 fast lock*1	100030011
Safety rope*1	320150003
clamp*1	320200003
Magnetic Cover (Spotlight Magnetic Cover)*4	100030191

Further products of the series



Blinder Light



Thunder Spot



Thunder Bar



Blinder Light

Scan and view the official website

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