

SYNCROLITE ARENACOLOR

2000W Dichroic Color Metal Halide

Outdoor / Architectural
202,000 Initial Lumens

MEMBER



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SYNCROLITE™
ENTERTAINMENT TECHNOLOGY



Syncrolite Arena Color system for the Philips and GE sports lighting fixtures provides several new capabilities for arena and event lighting. The system optimizes light output and simplifies specification of Arenavision fixtures by using a single optimally designed parabolic reflector coupled with an easily interchangeable thin film holographic lens that is 92% efficient and weighs a fraction of what conventional glass fresnel lenses do.

Specifications

Lumens:.....202,000
Source:..... MASTER MHN-SE/2000W/GX22, 400V
Life:.....5000 Hours
Color Temp:.....5600 Kelvin
CRI:..... 93
Reflector:..... Arena Vision Aluminum Narrow
Lens:.....Interchangeable VFL holographic lenses
Rated:.....weather rated

DMX Profile: 4 channels

#1 - Douser #2 - Color
#3 - Control 1* #4 - Control 2*

*similar to Series 3, strike and kill

No ID #'s, can start on any DMX channel.

UL / ETL / CE Listed

Listing ref. # 3031978 - 001



Syncrolite's proprietary OmniColor technology is protected by Patents:
EP 1 896 770 B1 and US 7,703,947

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The system also allows color mixing via DichroFlexHT™ dichroic filters, which are manufactured on a flexible and durable plastic film substrate, making them scrollable and unbreakable while retaining the desirable properties of dichroic filters including color purity, efficiency and durability while weighing mere ounces per color frame. Furthermore, shaping of the collimated beam after it passes through the dichroic filters minimizes halation and chromatic divergence typically observed when using dichroic filters with large-format wash fixtures.

Philips and GE fixtures front end mates to the ArenaVision fixture retaining high IP and allowing two feature cartridges to be installed to add dichroic color and dimming to the fixture.

Scroller/Douser Cartridges:

- single 8 frame Dichroic- OmniColor 1 color with ArenaVision front end, lens ring + 5 VFL 5°, 10°, 20°, 30°, 60 x 10°, 75 x 45° + custom
- Venetian Blind douser/dimming
*custom configuration as requested

Color Changer - 25.5 x 22.5 x 8"

Sports Fixture + Arena Color Changer - 70 lbs

Ballast - 52 lbs

