

MX4 is the most compact powerful fully-automated Xenon Skylight and Wash Light of its kind



The Syncrolite™ MX4 is ideal for concert touring, live events, or architectural applications. It can be configured as a color-changing fully automatic or static Xenon skylight. It features innovative Xenon lamp technology with 90+ CRI. MX4's versatility as a sky beam, spotlight or a full flood wash makes the MX4 a powerful work horse.

The Syncrolite MX4 features several exclusive Syncrolite proprietary innovations including true additive and subtractive dichroic color mixing using our patented Omnicolor™ system featuring heat-resistant DichroFilm™ color filters and VFL holographic micro lens light-shaping diffusers for control of light distribution. Dimming is accomplished via a high speed Venetian blind douser. The MX4 is IP43 rated.

FEATURES

- VFL light-shaping diffuser film lenses, available from 5° to 80° and in various anamorphic ratios including 60° x 10°, 30° x 5°, 75° x 35°, 40° x 0.2° and 95° x 35°. VFL™ lenses provide unparalleled flat fields and color integration.
- High resolution pan and tilt (16 bit)
- Beam Shaping Gobos are available as fixed patterns, scrolling motion effects, with dichroic color and as transparent patterns on VFL lenses
- Highest output through proprietary technologies, such as our extremely efficient HP reflectors, to insure the maximum luminous output per watt of any production large-format xenon luminaire
- Normal beam adjustment range of fully collimated to 20° flood

All Syncrolite products are available in an array of custom configurations ranging from static to fully automated weatherized open white collimated Skybeams or dynamic wash lights with or without Omnicolor™ dichroic color mixing, variable film lensing, or color correction filters (CTO, CTB, and CTS).

SPECIFICATIONS

Source:	4000 Watt Xenon	Pan:	540° Variable Speed
Life:	650 - 1000 Hours	Tilt	270° Variable Speed
Color Temperature:	6000	Color Module:	OmniColor™ color-changing system with DichroFilm™ filters
CRI:	90+	Lens Module:	VFL holographic microlens light shaping diffusers, Beam Shaping Gobos and FX Engines
Reflector:	Proprietary 9.5" High Performance	Ballast:	Magnetic SXB
Control:	14-channel DMX	Power Requirement:	120/208V 3-phase 20A 60 Hz 230/400V 3-phase 16A 50Hz
On-Board Control:	5 Buttons with Backlit LCD Screen	Construction:	Powder-Coated Aluminum
Operation:	Opto-Isolated electronics, servo motor operation	Mounting:	Mountable on all planes
Strobe/Douser:	High-speed Venetian-blind style douser	Weight Lamphead:	128 lbs
Beam:	Fully Collimated to 20° Spread	Weight Ballast:	185 lbs

RDM optionally available on purchase of new equipment

PHOTOMETRICS

Narrow Field of View	Throw Distance (Ft/m)	30/9.1	50/15.2	100/30.5	200/61.0	300/91.4
	Beam Diameter (Ft/m)	2.4/0.7	3.9/1.2	7.9/2.4	15.7/4.8	23.6/7.2
	Illuminance (fc/lux)	12,400/134,766	4,464/48,303	1,116/11,997	279/2,999	124/1,336

Wide Field of View	Throw Distance (Ft/m)	30/9.1	50/15.2	100/30.5	200/61.0	300/91.4
	Beam Diameter (Ft/m)	12.8/3.9	21.3/6.5	42.5/13.0	85/25.9	127.5/38.9
	Illuminance (fc/lux)	395/4,293	142/1,539	36/382	9/96	4/43

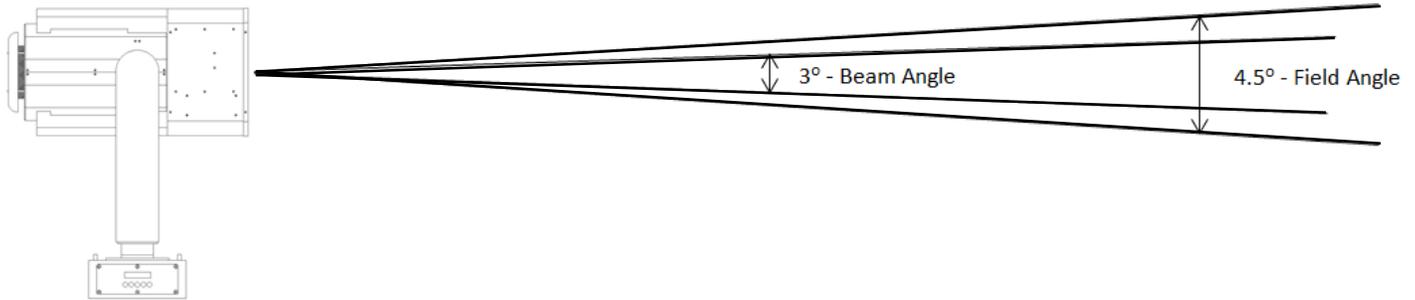
Beam Angle	Tn, Beam	Field Angle	Tn, Field	CBI (Candela)
3	0.052	4.5	0.079	11,160,000
18	0.317	24	0.425	355,500

Multiply throw distance by respective Tn factors to calculate beam and field diameters.
 Divide CBI (Candela) by distance squared to find center beam illuminance.
 Distance in feet gives foot candles, distance in meters gives lux.

Syncrolite's proprietary OmniColor™ technology is Patent Protected. Product is CSA / ETL / CE Listed
 Copyright © 2015 Syncrolite, LLC Specifications subject to change. v20150424



PHOTOMETRIC DATA - NARROW BEAM



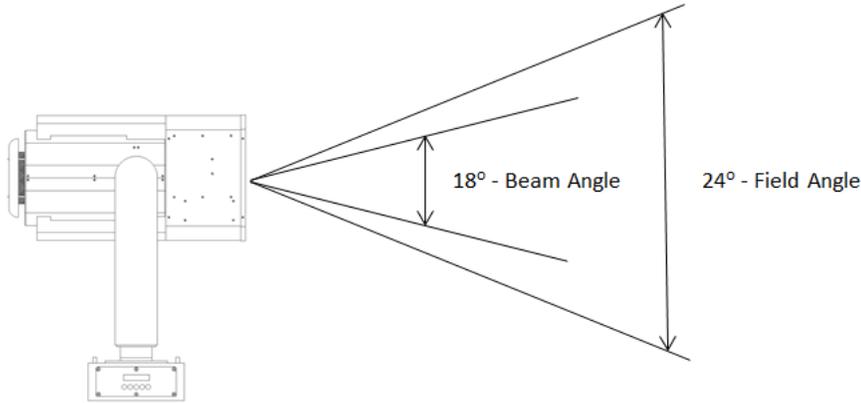
Throw Distance (Ft)	30	50	100	200	300
Beam Diameter (Ft)	2.4	3.9	7.9	15.7	23.6
Illuminance (fc)	12,400	4,464	1,116	279	124
Throw Distance (m)	9.1	15.2	30.5	61.0	91.4
Beam Diameter (m)	0.7	1.2	2.4	4.8	7.2
Illuminance (lux)	4,293	1,539	382	96	43

Beam Angle	Tn,Beam	Field Angle	Tn, Field	CBI (Candela)
3	0.052	4.5	0.079	11,160,000

Multiply throw distance by respective Tn factors to calculate beam and field diameters.
 Divide CBI (Candela) by distance squared to find center beam illuminance.
 Distance in feet gives foot candles, distance in meters gives lux.

Syncrolite's proprietary OmniColor™ technology is Patent Protected. Product is CSA / ETL / CE Listed
 Copyright © 2015 Syncrolite, LLC Specifications subject to change. v20150424

PHOTOMETRIC DATA - WIDE BEAM



Throw Distance (Ft)	30	50	100	200	300
Beam Diameter (Ft)	12.8	21.3	42.5	85.0	127.5
Illuminance (fc)	395	142	36	9	4
Throw Distance (m)	9.1	15.2	30.5	61.0	91.4
Beam Diameter (m)	3.9	6.5	13.0	25.9	38.9
Illuminance (lux)	4,293	1,539	382	96	43

Beam Angle	Tn,Beam	Field Angle	Tn, Field	CBI (Candela)
18	0.317	24	0.425	355,500

Multiply throw distance by respective Tn factors to calculate beam and field diameters.
 Divide CBI (Candela) by distance squared to find center beam illuminance.
 Distance in feet gives foot candles, distance in meters gives lux.

Syncrolite's proprietary OmniColor™ technology is Patent Protected. Product is CSA / ETL / CE Listed
 Copyright © 2015 Syncrolite, LLC Specifications subject to change. v20150424