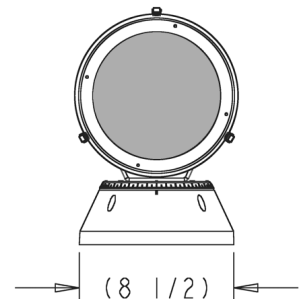
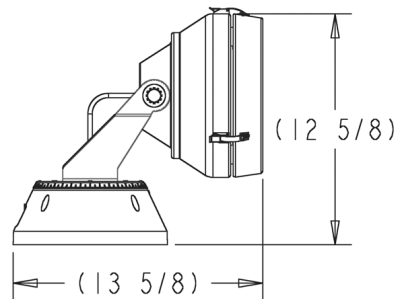
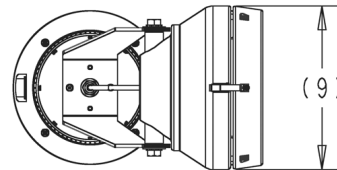




Series 1000

20-150 Watt CDM T6 MasterColor
50-75 Watt PAR30L Halogen
150-500 Watt Quartz

The Series 1000 architectural luminaire combines an elegant design with the optical versatility and durable construction you expect from ABS Lighting. The stylish housing begs to be seen, but is small enough to be easily concealed.



Construction Features

Housing:

Upper Housing—Constructed of heavy, 12-gauge high purity spun aluminum.

Lower Housing—Cast aluminum, high tensile strength ALMAG-35 with .04% copper free aluminum. Provides 355° fixture rotation. Degree markers are cast into base for precision horizontal orientation. Housing is sealed to base with high temperature gasket to ensure water tight seal.

Lens/Door Assembly: Constructed of 12-gauge high purity spun aluminum equipped with three low profile stainless steel cam fasteners for positive locking and re-lamping without tools. Thermal shock resistant optical lens is mounted with ring retainer and high temperature silicone gasket with no compression set feature. Lens surface is flush to outside of cover to eliminate water collecting on the lens. Lens cover assembly is sealed to upper housing with high temperature closed cell silicone gasket to ensure water and dust tight seal.

Reflector: Electropolished and anodized high purity aluminum Alzak, Coilzak or equivalent. Metal halide optical systems equipped with G-12 bi-pin socket for T-6 MH lamps.

Ballast: Electronic HID Metal Halide ballast offers superior color uniformity, extended lamp life, consistent lamp lumen output and significant energy savings. Ballast has thermal protection and remote mounting capability up to 50' without additional igniter. Ballast is mounted inside base, available in 120 through 277 volt.

Mounting:

Base—Offers three-point mounting, designed for direct wall mount or concrete base mount. Base has 1/2" NPT feature for both rigid and flexible conduit. Remote ballast option is available.

Integral Yoke—Laser cut, 8-gauge aluminum yoke with 5° markers for precision vertical aiming. Six standard designs available. Custom patterns can be designed upon request.

Hardware: All external hardware is 300 series stainless steel.

Finish: Polyester TGIL textured powder coat finish, fired at high temperatures to produce a durable weatherproof coating. Standard colors include black, bronze and silver. RAL and custom color matching is also available. Please consult factory for availability.

UL Listed: Suitable for wet locations. UL1598 rated.

Series 1000

20-150 Watt CDM T6 MasterColor / 50-75 Watt PAR30L Halogen / 150-500 Watt Quartz

HOW TO ORDER

EXAMPLE 1000-XN-35MC-208V-00-BM,YC1-LL,FS-BZE

1 Series	2 Lamp Position/Optics	3 Wattage/Lamp Type	4 Voltage	5 Shields	6 Mounting	7 Accessories	8 Finish
1000	-	-	-	-	-	-	-

Type in selection(s)
Separate multiple
options with commas

1 Series

1000 Integral Ballast
For Remote Ballast, consult factory

2 Lamp Position/Optics

Refer to SPECIFICATIONS on next page
For MasterColor and Quartz
XN Axial/Narrow
HSN Horizontal/Spot Narrow
HFN Horizontal/Flood Narrow*
HFM Horizontal/Flood Medium*
HFW Horizontal/Flood Wide*
**Quartz available only with HFN, HFM, HFW.*

3 Wattage/Lamp Type

MasterColor
20MC (CDM20/T4/G-12)
35MC (CDM35/T6/G-12)
70MC (CDM70/T6/G-12)
150MC (CDM150/T6/G-12)
Halogen
50P30L (50PAR30L/HAL/____*)
75P30L (75PAR30L/HAL/____*)
Quartz
150Q (150T3Q/CL)
300Q (300T3Q/CL)
500Q (500T3Q/CL)

4 Voltage*

120V
208V
240V
277V
**Electronic ballast only.*

**See lamp manufacturer for beam spread designation.*

5 Shields*

00 No shield required
BD Barn Doors
CR Concentric Ring (internal)
IL Internal Louvers**
LXS Lexan Shield
SN Snout Shield (external)
TS Curved Top Shield
WG Wire Guard
**Standard finish black
**Axial lamp only.*

6 Mounting

RB Remote Ballast
BM Base Mount
KSF Knuckle Slipfitter
WM Wall Mount
YC1 Yoke with Cut-out*
YC2 Yoke with Cut-out*
YC3 Yoke with Cut-out*
YC4 Yoke with Cut-out*
YC5 Yoke with Cut-out*
YS Solid Yoke*
**See yoke options below.*

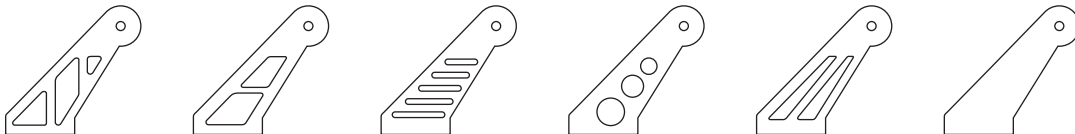
7 Accessories

Separate codes for accessories with a comma
00 No Accessories Required
CG Colored Glass*
CGF Dichroic Glass*
FR Frosted Lens
LL Linear Lens
FD Double Fusing
FS Single Fusing
CD Cord (specify length____ft)
PC1 Photocell 120-277V
PR Photocell Receptacle
PRB Photocell Receptacle installed on fixture
**Ordering information on Colored Glass and Dichroic Glass page.*

8 Finish

Textured finish
BLK Black
BZE Bronze
SLV Silver
For Custom Color, contact factory

Notes



PROJECT	APPROVAL/ DATE
	FIXTURE TYPE

Series 1000

20-150 Watt CDM T6 MasterColor / 50-75 Watt PAR30L Halogen / 150-500 Watt Quartz

SPECIFICATIONS

See abslighting.com for photometric files

Lamp Position/ Optics	Wattage/ Lamp Type	IES Beam Spread @50%	NEMA	Max. Candlepower	EPA	Weight
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MasterColor

XN	20MC	6 X 6	2H X 2V	27,877	.81 sq. ft.	9.5 lbs.
XN	35MC	6 X 5.9	2H X 2V	55,753	.81 sq. ft.	9.5 lbs.
HFN	35MC	98 X 16	7H X 6V	6,825	.81 sq. ft.	9.5 lbs.
HSN	35MC	8.2 X 6.5	2H X 2V	40,472	.81 sq. ft.	9.5 lbs.
XN	70MC	6 X 5.9	2H x 2V	109,815	.81 sq. ft.	9.5 lbs.
HFN	70MC	86 X 16	7H X 6V	6,825	.81 sq. ft.	9.5 lbs.
HSN	70MC	8.2 X 6.5	2H X 2V	79,717	.81 sq. ft.	9.5 lbs.
▲ XN	150MC	6 X 5.9	2H X 2V	236,522	.81 sq. ft.	9.5 lbs.
▲ HFN	150MC	83.5 X 16	7H X 4V	14,701	.81 sq. ft.	9.5 lbs.
▲ HSN	150MC	8.2 X 6.5	2H X 2V	171,696	.81 sq. ft.	9.5 lbs.

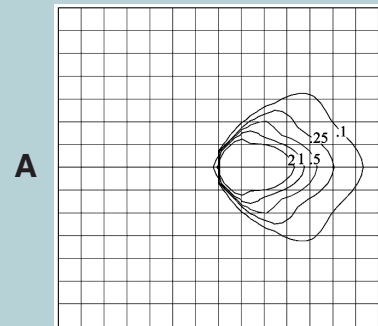
Quartz

HFN	150Q	90 X 10	5H X 2V	3,225	.81 sq. ft.	8.5 lbs.
HFM	150Q	100 X 15	6H X 2V	3,010	.81 sq. ft.	8.5 lbs.
HFV	150Q	100 X 45	7H X 5V	910	.81 sq. ft.	8.5 lbs.
HFN	300Q	90 X 10	5H X 2V	7,500	.81 sq. ft.	8.5 lbs.
HFM	300Q	100 X 15	6H X 2V	7,000	.81 sq. ft.	8.5 lbs.
HFV	300Q	100 X 45	7H X 5V	2,120	.81 sq. ft.	8.5 lbs.
HFN	500Q	90 X 10	5H X 2V	12,825	.81 sq. ft.	8.5 lbs.
HFM	500Q	100 X 15	6H X 2V	11,970	.81 sq. ft.	8.5 lbs.
HFV	500Q	100 X 45	7H X 5V	3,625	.81 sq. ft.	8.5 lbs.

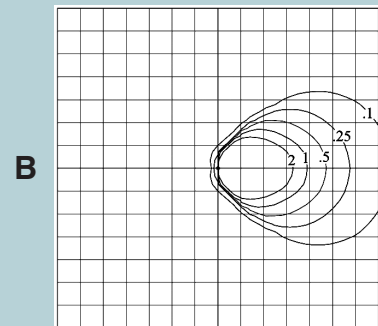
▲ = Represented by isoline at right

FOOTCANDLE (fc1) ISOLINES

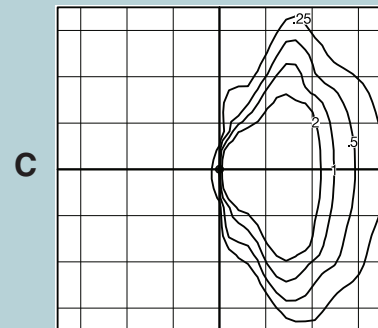
1.0 l/f, 56° tilt, grid increment = mtg. ht.
Clear glass lens used for templates.



1000-XN-150MC



1000-HSN-150MC



1000-HFN-150MC

CONVERSION FACTORS (CF)

$$fc2 = fc1 \times CF$$

fc2 is footcandle for applicable wattage and mounting height

For isolines **A**, **B** and **C**

	FIXTURE MTG. HT. (in feet)			
	8	10	12	15
35MC	9.55	6.11	4.24	2.72
70MC	4.85	3.10	2.15	1.38
150MC	2.25	1.44	1.00	.064