

TYPE:

ORDERING CODE:

APPROVAL:

JOB:

REFER TO TABLE BELOW

DATE:

**SPECIFICATIONS**

SYSTEM SPECIFICATIONS:

Start-up Load: 120V at 4.0 Amps  
Continuous Load: 120V at 1.8 Amps  
Cooling: Fan; 98 CFM

BALLAST SPECIFICATION:

Type: Magnetic ballast  
Warm-up Time: Rapid start  
Restrike Delay: 3 minutes  
dB Rating: 47 dB  
Thermal Output: 683 BTU/Hr

OPERATING ENVIRONMENT:

Max Exposure Rating: Damp location  
Operating Temperature: -10°C to 40°C  
Storage Temperature: -30°C to 60°C  
Rec. Mounting Clearance: 24" (609mm)

LAMP SPECIFICATION:

Lamp Type: HID Metal Halide  
Wattage: 150 Watt  
Bulb Type: T-6  
Base Type: Bi-pin; G-12

POWER CONSUMPTION:

Lamp: 150 Watt  
System: 185 Watt, maximum

PHYSICAL CHARACTERISTICS:

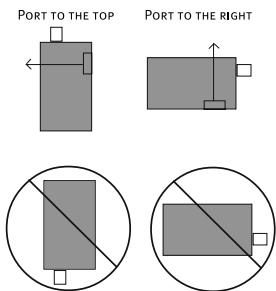
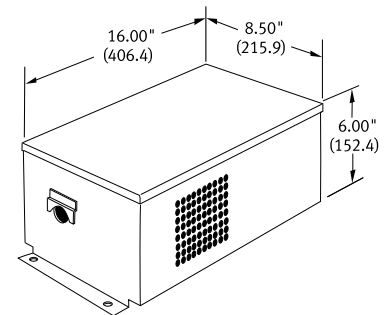
Material/Finish: Zinc plated steel, die cast zinc  
Dimensions: 8.50" (W) x 16.00" (L) x 6.00" (H)  
Weight: 23 lbs

FIBER CAPACITY:

Port Size: Standard (1.185" Dia)  
Stranded Fiber: Standard 300 fiber capacity,  
400, 450 and 600 fiber ports available  
Large Core Fiber: Not compatible  
Porting: Standard stranded port kit (A10980)

MOUNTING:

Horizontal or vertical (port up)  
Do not invert  
Wall or floor mount only



	QMH	QMH	CMH	CMH
Manufacturer	GE	GE	Philips	Philips
Rated Life	6,000 hrs	6,000 hrs	10,000 hrs	6,000 hrs
Color Rendering Index	80	80	85	95
Color Temp	3000K	4000K	3000K	4000K
Replacement Lamps	HID-430	HID-440	HID-430MC	HID-440MC

Reflector Options: QMH lamps are available in a metal reflector (HID-MR30 and HID-MR40)

**405N Illuminator**

**Ordering Guide**

Model Options	Color Options	Voltage Options	Accessory Option
405N/30	NC No Color	120 120V, 60Hz	003 Standard 300 Fiber Capacity
405N/40	C1 Single Color	277 277V, 60Hz	004 Special 400 Fiber Capacity
405N/30MR	C4/1 Four-Color Wheel, 1 RPM	220I 220V, 50Hz	005 Special 450 Fiber Capacity (Star, white only)
405N/40MR	C4/3 Four Color Wheel, 3.6 RPM	240I 240V, 50Hz	006 Special 600 Fiber Capacity (Star, white only)
405N/30MC*	C8/1 Eight-Color Wheel, 1 RPM		SM Sync Master (C4 or C8 only)
405N/42MC*	C8/3 Eight-Color Wheel, 3.6 RPM		SY Sync Slave (C4 or C8 only)
SPW	Sparkle Wheel (400 strands max) (Add to C4 or C8 only, Not for DMX)		CV Variable Delay Controller (One per Network; Use with 3.6 RPM Motors Only)
	SPW/NC Sparkle Wheel (400 strands max) (w/motor, specify 1 or 3.6 RPM, not for DMX)		DX DMX Interface, Hardwired
	DWM/NC Dimming Wheel, Mechanical (w/motor, specify 1 or 3.6 RPM)		DXLR DMX Interface, XLR Connectors (2 motor control; C8 only, 300 fiber max)
			HP Hammertone Painted

\* Uses Philips MasterColor Lamp