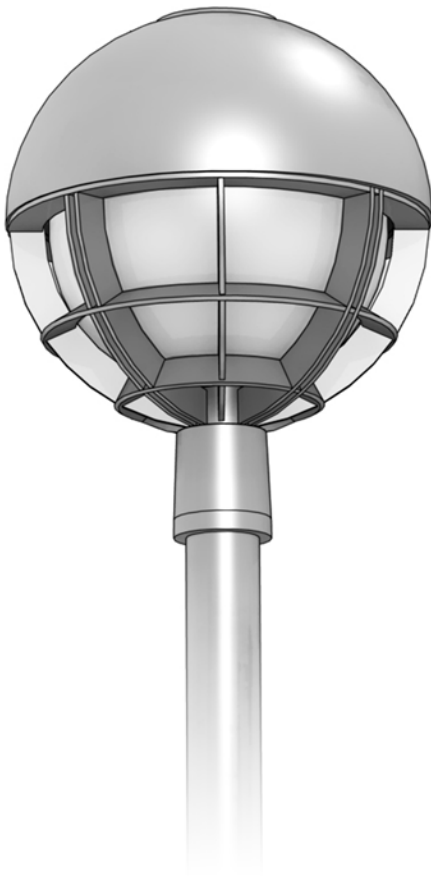


Project Name:	Type:
Notes:	Order Matrix Number:

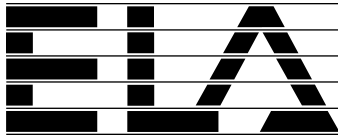
HALOGUARD



The *Haloguard* is a classic example of matching contemporary aesthetics with high performance. The *Haloguard* enables this outdoor fixture to spread indirect light onto the ground while making it visually pleasing to the eye. Suitable for pole, crossarm, wall or stem pendant mounting conditions, the *Haloguard* is the perfect specification for many shopping malls, parking lots, government buildings, site and walkway lighting, schools, libraries, street lighting and high-end residential applications; and much more.

Constructed of high grade cast and spun aluminum and finished with a durable powder-coat finish, the *Haloguard* is built for all outdoor conditions. The *Haloguard* can also meet or exceed the toughest performance standards of today's lighting market and its unique design creates a natural full cut-off to meet Dark Sky requirements if specified with a horizontal lamp. Available with a maximum 150 watt Metal Halide or High Pressure Sodium, the *Haloguard* can also accommodate today's Low-Energy requirements with up to 57 watt CFL while still maintaining excellent light output.

The *Haloguard* offers unique styling, extraordinary durability and excellent lighting performance, including natural downlight.



1	2	3	4	5	6	7	8	9
Fixture /	Size /	Mounting /	Optics /	Ballast /	Voltage /	Lens /	Color /	Option
HLO /	18 /	PT /	V5 /	100MH /	120 /	FA /	W /	--

1. Fixture: HLO

2. Size

Notes:
1. Globe is 14" diameter.

Matrix #: 18
Description: Max Wattage 150W
Notes: EPA: 1.0
Weight: 20 lbs.

3. Mounting

Notes:
1. Please consult factory for other mounting options.
2. When ordering Post Top, please specify fitter size.

Matrix #: CA, CP, PT, SP, WB
Description: Cross Arm, Chain Pendant, Post Top, Stem Pendant, Wall Bracket

4. Optics

Notes:
* Glass refractor required.

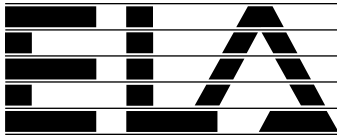
<p>Horizontal</p> <p>Matrix #: H3 Description: TYPE 3</p> <p>Matrix #: H5 Description: TYPE 5</p>	<p>Vertical</p> <p>Matrix #: V3 * Description: TYPE 3</p> <p>Matrix #: V5 Description: TYPE 5</p>
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5. Ballast

Description: Pulse Start Metal Halide
Matrix #: 50PSMH, 70PSMH, 100PSMH, 150PSMH, 200PSMH

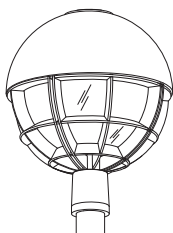
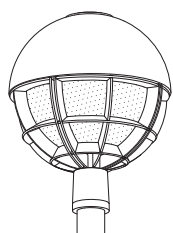
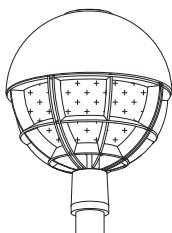
Notes:
1. Electronic ballast available for 50, 70, and 100 watt MH lamps.
2. Other wattages and ballasts available. Consult factory.
* Fits vertical only.

<p>Description: Metal Halide (Watts / Type) T6 39MH 50MH 70MH T6 70MH 100MH T6 150MH</p>	<p>Description: High Pressure Sodium (Watts / Type) 50HPS 70HPS 100HPS 150HPS</p>	<p>Description: Compact Fluorescent (Watts / Type) 13CFL 18CFL 26CFL 32CFL 42CFL 57CFL *</p>	<p>Description: ComoPolis (Watts / Type) 45COS 60COS 90COS 140COS</p>	<p>Description: Incandescent (Watts / Type) INC</p>
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6. Voltage	Matrix #:	120 *	208	240	277 *	347	480
	Description:	120V	208V	240V	277V	347V	480V

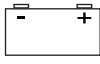


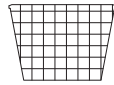

* Only these voltages are available with LED.

7. Lens			
	Matrix #: CA Clear Acrylic Description: CP Clear Polycarbonate	Matrix #: FA Frosted Acrylic Description: FP Frosted Polycarbonate	Matrix #: OA Opal Acrylic Description: OP Opal Polycarbonate OE Opal Polyethylene

Notes:
1. Consult factory for custom lens options.

8. Color	Powder Coat Finish	Hand-Applied Finish																																											
	<table border="0"> <tr><td>Matrix #</td><td>Description</td><td>Matrix #</td><td>Description</td></tr> <tr><td>AG</td><td>Augustine Green</td><td>MG</td><td>Malaga Green</td></tr> <tr><td>GY</td><td>Architectural Grey</td><td>MN</td><td>Midnight</td></tr> <tr><td>CC</td><td>Charcoal</td><td>PW</td><td>Pewter</td></tr> <tr><td>CY</td><td>Clay</td><td>SS</td><td>Sand Storm</td></tr> <tr><td>DB</td><td>Dark Bronze</td><td>SB</td><td>Statuary Bronze</td></tr> <tr><td>HR</td><td>Harbor Blue</td><td>VL</td><td>Village Green</td></tr> <tr><td>HP</td><td>Hammered Pewter</td><td>W</td><td>White</td></tr> </table>	Matrix #	Description	Matrix #	Description	AG	Augustine Green	MG	Malaga Green	GY	Architectural Grey	MN	Midnight	CC	Charcoal	PW	Pewter	CY	Clay	SS	Sand Storm	DB	Dark Bronze	SB	Statuary Bronze	HR	Harbor Blue	VL	Village Green	HP	Hammered Pewter	W	White	<table border="0"> <tr><td>Matrix #</td><td>Description</td></tr> <tr><td>CH</td><td>Cracked Hide</td></tr> <tr><td>LV</td><td>Light Verde</td></tr> <tr><td>OR</td><td>Old Iron</td></tr> <tr><td>R</td><td>Rust</td></tr> <tr><td>V</td><td>Verde</td></tr> </table>	Matrix #	Description	CH	Cracked Hide	LV	Light Verde	OR	Old Iron	R	Rust	V
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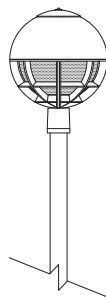
Notes:
Consult factory for custom colors.

9. Options					
	Matrix #: BBU Description: Battery Backup	Matrix #: TB Description: Terminal Block	Matrix #: PCB Description: Photocell Button	Matrix #: VR Description: Vertical Glass Refractor	Matrix #: HSS Description: House Side Shield

Notes:
1. BBU option is available for fluorescent lamp only.
2. Test button location shall have visibility for testing on site. Consult factory for placement location.

Photocell Options:
Photocell is available in 120 thru 480 volts. Photocell receptacle only fits some cross arms. Consult factory. Specify when ordering.

Fixture Ordering Example:



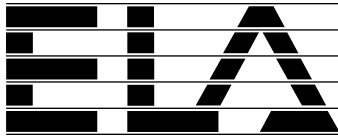
HLO/18/PT/V5/100MH/120/FA/W

1	2	3	4	5	6	7	8	9
Fixture	Size	Mounting	Optics	Ballast	Voltage	Lens	Color	Option
HLO	18	PT	V5	100MH	120	FA	W	-
haloguard Fixture	18	Post Top	Vertical Type 5	100 Watt Metal Halide	120 Volts	Frosted Acrylic	White	-

Fixture Ordering Form:

1	2	3	4	5	6	7	8	9	9	9
Fixture	Size	Mounting	Optics	Lamp	Voltage	Lens	Color	Option	Option	Option

1. HLO / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____



Specifications

Fixture Housing: One-piece sand-cast base and cage with fabricated aluminum top.. Housing shall be corrosion resistant cast aluminum alloy #A356. The housing shall be free of any foreign materials or cosmetic fillers. Standard fitters shall slip over 3" or 4" diameter tenon. For other mounting options, consult factory for installation.

Optics: For vertical lamping option either an open lamp or prismatic borosilicate glass refractor is used and is fully rotatable on site. For horizontal lamping units shall utilize spun or segmented sharp cut-off optics.

Electrical Module: All electrical components are UL and CSA recognized, mounted on a single plate, and factory pre-wired. All sockets are factory pre-wired. A quick-disconnect plug for the ballast module is standard. *Reference pages 2 and 3 for lamp characteristics, ballast types, and voltage technical data.*

Lens: One piece lens shall be silicone gasketed all around (sealed from water and insect entry).

Finish/Color: Finish is super TGIC thermoset polyester powder coat. ELA offers RAL color matches along with our standard color selection. Custom and hand applied colors are available upon special request.

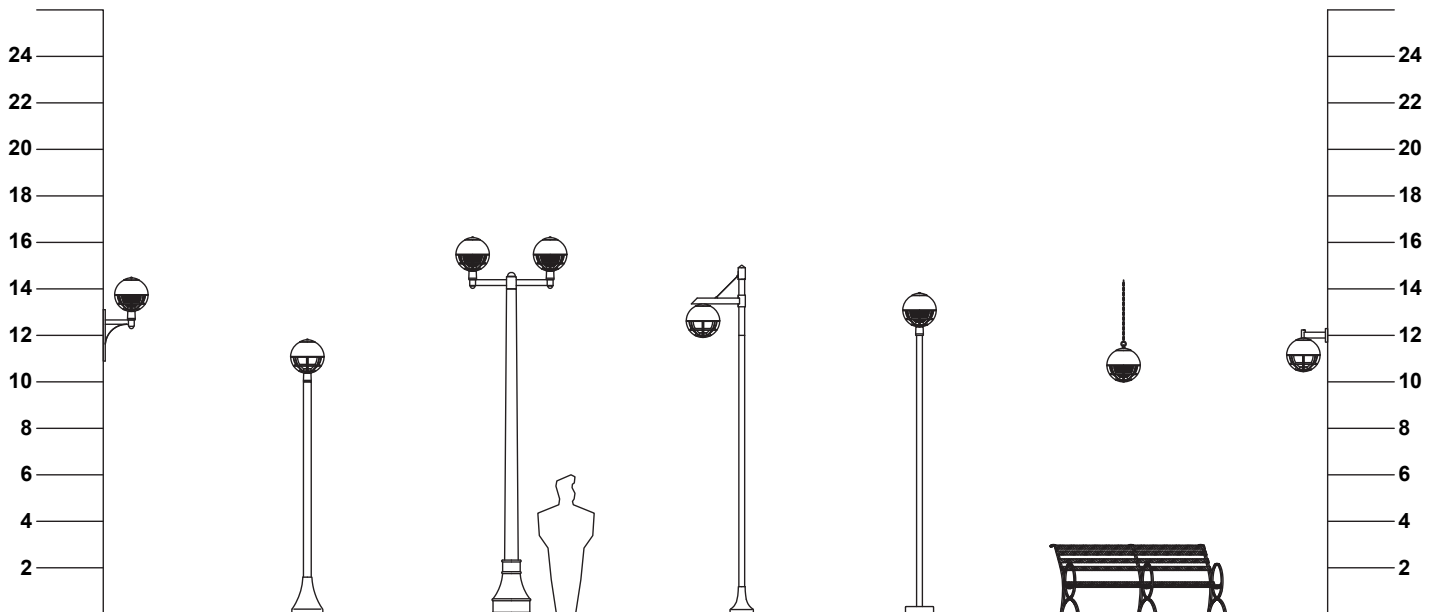
Certification: Fixtures shall be listed for outdoor, wet location. UL1598. IP rating 44.

CAUTION: Fixtures must be grounded in accordance with national, state, and/or local codes. Failure to do so may result in serious personal injury.

ELA RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

Elevated Scale

Suggested Poles and Arms for the Haloguard Fixture



Fixture :	HLO/18/WB	HLO/18/PT	HLO/18/PT	HLO/18/CA	HLO/18/PT	HLO/18/CP	HLO/18/WB
Arm :	WB42		CA6B	CA21A			WB138
Pole:		P4014B-10'	P3040B-14' (TAPERED)	P3014A-12'	P1012B-12'		
Options :							

Note: Modifications to the fixture and additional pole heights are available.