

**HESTIA
EXTREME**

Type: _____
 Job: _____
 Catalog Number: _____

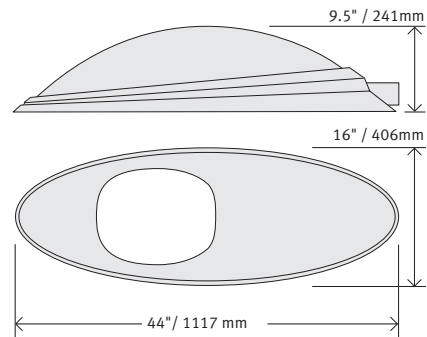
Approvals: _____
 Date: _____

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SPECIFICATIONS

MODEL	HESTIA EXTREME
Height	9.5" / 241mm
Length	44" / 1117mm
Width	16" / 406mm
EPA	1.1 sq' / .102m ²
Weight	50 lbs / 23kg
IP Rating - Reflector	66

Front View



Housing	Made of die cast aluminum with mounting provision for hardware.
Locking System	Two spring loaded latches made of die cast aluminum and die cast zinc, permits tool free access to lamp and components.
Lens Frame	Made of die cast aluminum.
Reflector	Made of aluminum chemically brightened and anodized. The Sealsafe® optical system is rated IP66 and offers a resistance of R>600.
Sleeve	Die cast glass reinforced resin, mechanically fastened to reflector and fully silicone gasketed.
Shutter	Injection molded glass fiber reinforced polymer. Removable with a quarter turn, with an injection molded silicone gasket. Adjustment to obtain the various IES distribution is toolless.
Lens	Flat or sag protector, made of clear tempered glass, shock resistant.
Lamp Holder	Porcelain heat resistant pulse rated 4 Kv for medium base (E26) or Mogul base (E39) lamps.
Terminal Block	Receives wires (#8 max.) on primary circuit with ground lug.
Adjustment	An integral part of the housing permits an adjustment of +/-5°.
Ballast Tray	Made of galvanized steel, pivoting and easily removed without tools.
Mounting	Two brackets made of stamped galvanized steel. Fits on tenon of 2 3/8" O.D. (60mm) fixed by 3/8 - 16 UNC steel zinc plated bolts. Tenon penetration into the luminaire is 8" (204mm).
Hardware	All exposed screws will be in stainless steel. All seals and sealing devices are made and/or lined with EPDM and/or silicone.
Finish	Polyester powder coat paint. The chemical composition provides a highly durable UV and salt spray resistant finish in accordance with the ASTM-B117 standard and humidity proof according to the ASTM-D2247 standard.
Electrical listing	Wet Location listed per UL 1598 and CSA C22.2. IP rating for the optical system is IP66.
Warranty	The Sealsafe® optical module is warranted to be free of intrusion of contaminants for a period of twenty years.



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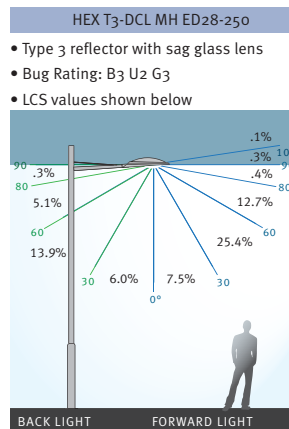
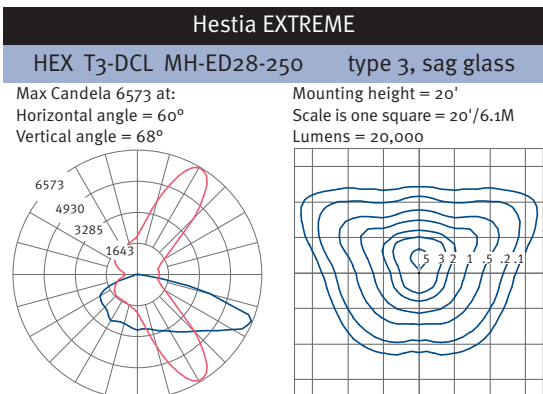
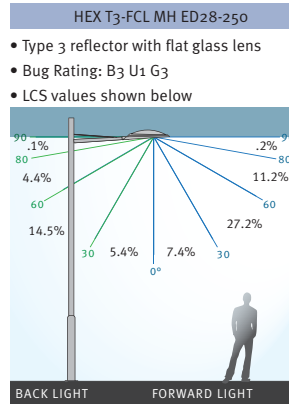
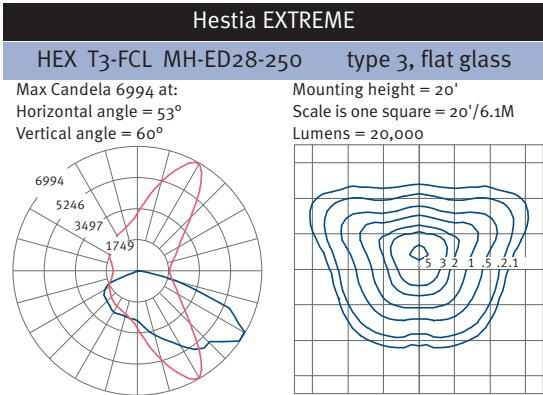
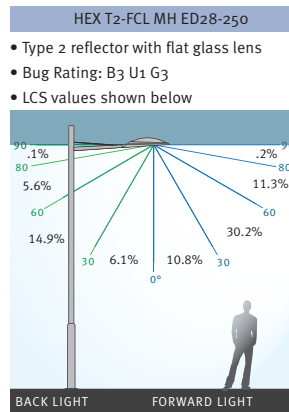
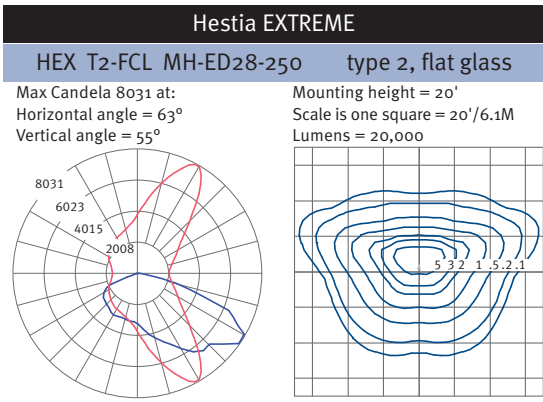
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OPTICAL AND PHOTOMETRIC PERFORMANCE LUMINAIRE CLASSIFICATION SYSTEM - LCS

The LCS is an IESNA standard method of evaluating the lighting levels produced by a luminaire by classifying the results into three categories; forward light, back light and up light. This can be combined with the IESNA roadway classification to evaluate the optical system best suited to your project. Refer to the IESNA TM-15-07 for more information.



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1





2

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5

LIGHT DISTRIBUTION and LENS TYPE	
<input type="radio"/>	T1 - FCL IES type 1 with flat glass lens
<input type="radio"/>	T2 - FCL IES type 2 with flat glass lens
<input type="radio"/>	T3 - FCL IES type 3 with flat glass lens
<input type="radio"/>	T1 - DCL IES type 1 with clear drop lens
<input type="radio"/>	T2 - DCL IES type 2 with clear drop lens
<input type="radio"/>	T3 - DCL IES type 3 with clear drop lens

LAMP TYPE	
MH ED17 Metal Halide - medium base socket 	
<input type="radio"/>	MH ED17 - 70 70 watt lamp metal halide
<input type="radio"/>	MH ED17 - 100 100 watt lamp metal halide
<input type="radio"/>	MH ED17 - 150 150 watt lamp metal halide
MH ED28 Metal Halide - mogul base socket 	
<input type="radio"/>	MH ED28 - 250 250 watt metal halide
<input type="radio"/>	MH ED28 - 320 320 watt metal halide
<input type="radio"/>	MH ED28 - 400 400 watt metal halide
HPS ED23.5 High pressure sodium lamp Mogul base socket 	
<input type="radio"/>	HPS ED23.5 - 70 70 watt high pressure sodium
<input type="radio"/>	HPS ED23.5 - 100 100 watt high pressure sodium
<input type="radio"/>	HPS ED23.5 - 150 150 watt high pressure sodium
HPS ET18 High pressure sodium lamp Mogul base socket 	
<input type="radio"/>	HPS ET18 - 200 200 watt high pressure sodium
<input type="radio"/>	HPS ET18 - 250 250 watt high pressure sodium
<input type="radio"/>	HPS ET18 - 310 310 watt high pressure sodium
<input type="radio"/>	HPS ET18 - 400 400 watt high pressure sodium

VOLTAGE	
<input type="radio"/>	120 VOLT
<input type="radio"/>	208 VOLT
<input type="radio"/>	240 VOLT
<input type="radio"/>	277 VOLT
<input type="radio"/>	347 VOLT
<input type="radio"/>	480 VOLT

COLOR		
<input type="radio"/>	RAL 9011-S	Smooth Black
<input type="radio"/>	RAL 9011-T	Textured Black
<input type="radio"/>	RAL 9007-S	Smooth Gray
<input type="radio"/>	RAL 9007-T	Textured Gray
<input type="radio"/>	RAL 9016-S	Smooth White
<input type="radio"/>	RAL 9016-T	Textured White
<input type="radio"/>	RAL 8019-S	Smooth Bronze
<input type="radio"/>	RAL 8019-T	Textured Bronze
<input type="radio"/>	RAL 9006 -S	Smooth Aluminum
<input type="radio"/>	RAL 9006 -T	Textured Aluminum
<input type="radio"/>	RAL _ _ _ _	Provide four digit RAL color number.
<input type="radio"/>	CSC	Custom color, provide a color sample for matching and approval.

LAMP TYPE	
Philips® CosmoPolis® Cosmo-White lamp and electronic ballast system, PGZ-12 lamp base 	
<input type="radio"/>	CPO TW 60 60 watt CosmoWhite lamp
<input type="radio"/>	CPO TW 90 90 watt CosmoWhite lamp
<input type="radio"/>	CPO TW 140 140 watt CosmoWhite lamp

OPTIONS	
<input type="radio"/>	NONE

6 CONTINUE TO NEXT PAGE FOR MOUNTINGS



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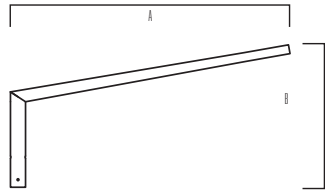
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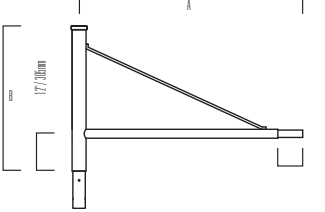
A-104



MODEL		A	B	EPA
<input type="radio"/> A-104-1-48	Single bracket	48" 1219mm	32" 813mm	1.92
<input type="radio"/> A-104-2-48	Double bracket with arms at 180°	96" 2438mm	32" 813mm	3.10
<input type="radio"/> A-104-1-72	Single bracket	72" 1829mm	37" 940mm	2.36
<input type="radio"/> A-104-2-72	Double bracket with arms at 180°	144" 3658mm	37" 940mm	3.98
<input type="radio"/> A-104-1-96	Single bracket	96" 3251mm	41" 1041mm	2.80
<input type="radio"/> A-104-2-96	Double bracket with arms at 180°	192" 4876mm	41" 1041mm	4.86

MOUNTING 6 CONTINUED

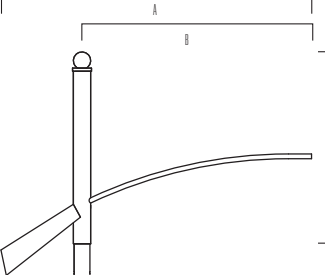
A-105



MODEL		A	B	EPA
<input type="radio"/> A-105-1-48	Single bracket	48" 1219mm	36" 914mm	2.30
<input type="radio"/> A-105-2-48	Double bracket with arms at 180°	96" 2438mm	36" 914mm	3.37
<input type="radio"/> A-105-W	Wall bracket	96" 2438mm	36" 914mm	1.20
<input type="radio"/> A-105-1-72	Single bracket	72" 1829mm	47" 1194mm	3.50
<input type="radio"/> A-105-2-72	Double bracket with arms at 180°	144" 3658mm	47" 1194mm	5.40
<input type="radio"/> A-105-1-96	Single bracket	96" 3251mm	58" 1473mm	4.40
<input type="radio"/> A-105-2-96	Double bracket with arms at 180°	192" 4876mm	58" 1473mm	6.82

MOUNTING 6 CONTINUED

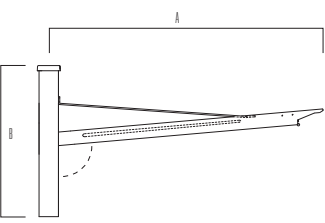
A-106



MODEL		A	B	EPA
<input type="radio"/> A-106-1-84	Single bracket	84" 2134mm	56" 1422mm	6.28
<input type="radio"/> A-106-1-108	Single bracket	108" 2743mm	72" 1829mm	6.55
<input type="radio"/> A-106-1-112	Single bracket	112" 2845mm	84" 2134mm	6.69

MOUNTING 6 CONTINUE TO NEXT PAGE FOR MORE OPTIONS

A-107



MODEL		A	B	EPA
<input type="radio"/> A-107-1-49	Single bracket	49" 1219mm	36" 914mm	3.49
<input type="radio"/> A-107-2-49	Double bracket with arms at 180°	98" 2438mm	36" 914mm	5.49
<input type="radio"/> A-107-W	Wall bracket	49" 1219mm	36" 914mm	2.12
<input type="radio"/> A-107-1-71	Single bracket	71" 1803mm	36" 914mm	3.78
<input type="radio"/> A-107-2-71	Double bracket with arms at 180°	142" 3607mm	36" 914mm	6.20
<input type="radio"/> A-107-1-84	Single bracket	84" 2134mm	36" 914mm	4.25
<input type="radio"/> A-107-2-84	Double bracket with arms at 180°	168" 4267mm	36" 914mm	7.01

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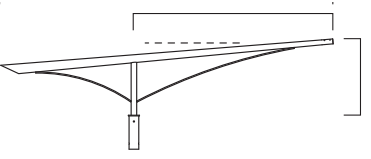
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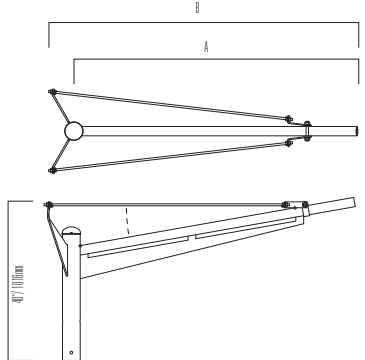
A-108



MODEL		A	B	EPA
A-108-1-48	Single bracket	48" 1219mm	20" 508mm	3.46
A-108-1-72	Single bracket	72" 1829 mm	27" 686mm	5.19
A-108-1-96	Single bracket	96" 3251mm	35" 889mm	6.89

MOUNTING 6 CONTINUED

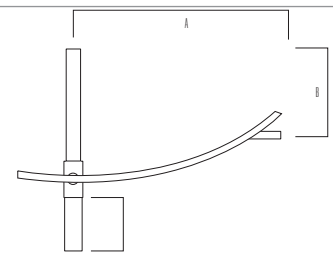
A-109



MODEL		A	B	EPA
A-109-1-60	Single bracket	60" 1524mm	54" 1372mm	3.53
A-109-1-78	Single bracket	78" 2743mm	72" 1981mm	4.90
A-109-1-102	Single bracket	102" 2591mm	96" 2438mm	6.27

MOUNTING 6 CONTINUED

A-111



MODEL		A	B	EPA
A-111-1	Single bracket	47.2" 1200mm	19.7" 500mm	.xxx

7

POLE
 Refer to the
 Schröder pole
 guide.

