

Roadway Series 125

Roadway Lighting

150-400W HPS, 175-400W MH

PRODUCT OVERVIEW



Features:

Rugged die-cast aluminum housing is powder-coated for durability and corrosion resistance

Optional two-bolt mast arm mount provides easy, secure installation and adjustability for arms from 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) diameter. Standard four-bolt mounting provides extra security in high-vibration applications

Die-cast trigger latch on doorframe enables easy and secure one-hand opening for re-lamping and maintenance

Large surface area "breathing seal" gasket seals the optical chamber to prevent intrusion by insects and environmental contaminants. Heat-resistant gasket material remains effective over the life of the fixture

Wildlife shield is cast into the housing (not a separate piece) with 2B option and is easily adjustable for 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) mast arms

Photocontrol receptacle is adjustable without tools

Anodized aluminum reflectors provide uniform lighting distribution with either borosilicate glass, or polycarbonate refractor

NEMA wattage label, terminal block, and NEMA photocontrol receptacle are standard

E39 mogul socket standard

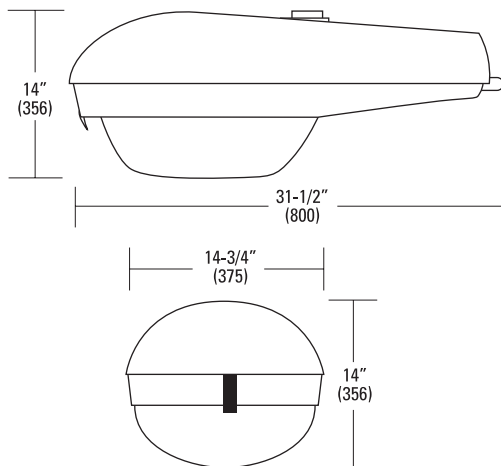
Complies with ANSI: C136.2, C136.10, C136.14, C136.15, C136.17, C136.31

Suitable for -40°C

Applications:

Roadways
Residential streets
Storage areas
Parking lots
Campuses
Parks

DIMENSIONS



Effective Projected Area (EPA)

The EPA for the Horizontal Luminaire series 125 is 1.30 sq. ft.
Approx. Wt. = 35 lbs.

PREFERRED SELECTION CATALOG NUMBERS

125 25S CA MT1 R3 DG EC

125 40S CA MT1 R3 DG EC

125 40M SC MT1 R3 DG

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ORDERING INFORMATION

Example: 125 40S CA MT1 R3 DG LC PC

Series	Wattage / Source		Ballast	Voltage	Distribution
125 Single Door Cobrahead	15 150W 17 175W 20 200W 23 250/400W Wired 250 24 250/400W Wired 400 25 250W 31 310W 32 320W 35 350W 40 400W	S HPS M MH	RN Reactor Normal Power Factor RH Reactor High Power Factor XN High Reactance (Lag) Normal Power Factor XH High Reactance (Lag) High Power Factor CA CWA CT CWI SC SCWA MR Mag Reg (3 Coil)	120 120V 208 208V 240 240V 277 277V 347 347V 480 480V MT1 Multi-tap Wired 120V MT2 Multi-tap Wired 240V MT7 Multi-tap Wired 277V TT3 Tri-tap Wired 347V DT1 Dual Tap 120/240 Wired 120V DT2 Dual Tap 120/240 Wired 240V DT4 Dual Tap 240/480 Wired 480V 5T4 5-tap Wired 480V ²	R2 Roadway Type II R3 Roadway Type III R4 Roadway Type IV Refer to optic distribution matrix below for compatibility.

Optics

DP Drop Polycarbonate
Prismatic Refractor
DG Drop Glass
Prismatic Refractor

Options

Mounting

(blank) 4-bolt Internal (standard)
F2 4-bolt Internal 2" setting
M2 2-bolt Internal 2" Setting
2B 2-bolt Internal 1-1/4" Setting

Paint¹

(blank) Gray (standard)
BK Black
BZ Bronze
DDB Dark Bronze
WH White
UP Unpainted

Terminal Block

(blank) Terminal Block (standard)
T2 Wired to L1 & L2 Positions
T3 3 Wire Operation
(L1, N, L2 Position)²

Listing

UL UL Listed
CS CSA Certified

Fusing³

SF Single Fuse (120, 277, 347V)
DF Double Fuse (208, 220, 240, 480V)

Photocontrol Receptacle

(blank) NEMA Photocontrol Receptacle
(standard)
NR No Photocontrol Receptacle⁴

Lamp

LC Lamp Included, Clear
LD Lamp Included, Deluxe/Coated

Starter⁵

(blank) Open Board (standard)
EC Encapsulated Plug-in
OP Open Plug-in

Misc.

PC Photocontrol Included per
Voltage Specified⁴
BF Bridge fitter (3G max)
BL Bubble Level
SS Stainless Steel Fasteners (external)
CF Charcoal Filter
PL Distribution Pattern
Indicator Label
LA Lightning Arrestor
(Void UL/CSA Certified Options)
NN No NEMA Label on Housing
SH Shorting Cap⁵
HK Hinge Keeper
RG Rubber Silicone Optical Gasket

Notes:

- Other colors available, please contact your local American Electric Lighting representative
- T3 option only available with 240, 480, DT2, DT4, MT2
- Not available with MT, TT, DT voltages
- PC and SH not available in NR option
- Available in HPS only

Optic Distribution

	R2DP	R3DP	R2DG	R3DG	R4DG
15S	-	-	▲	▲	-
17M	▲	▲	▲	▲	-
20S	▲	▲	▲	▲	▲
20M	-	-	-	▲	-
23S	▲	▲	▲	▲	▲
24S	▲	▲	▲	▲	▲
25S	▲	▲	▲	▲	▲
25M	▲	▲	▲	▲	-
31S	▲	▲	▲	▲	▲
32M	▲	▲	▲	▲	-
35M	▲	▲	▲	▲	-
40S	▲	▲	▲	▲	▲
40M	▲	▲	▲	▲	-



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Warranty Five-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application.
Specifications subject to change without notice.

Please contact your sales representative for the latest product information.

RW-125-A

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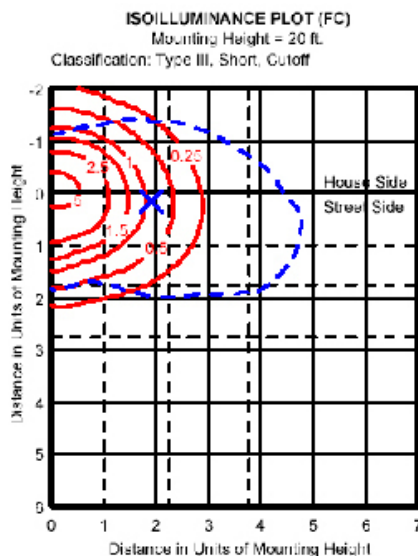
BALLAST MATRIX

Watts	120	208	240	277	347	480	DT1
15S	CA	CA	CA	CA	XN,XH	CA,XN,XH,MR	CA
17M	SC	SC	SC	SC	-	SC	SC
20S	CA,CT,MR,XN,XH	CA,CT	CA,CT,MR,XH,XN	CA,CT,MR	CA	CA,MR	CA,CT,MR,XN,XH
20M	SC	SC	SC	SC	-	-	-
23S	CA	CA,CT	CA	CA,CT	CA	-	CA
24S	CA	CA	CA	CA	-	-	CA
25S	CA,CT,MR,XN,XH	CA,CT	CA,CT,RN,RH,MR,XH,XN	CA	-	CA,MR	CA,CT,MR,XN,XH
25M	SC	SC	SC	SC	SC	SC	SC
31S	CA,MR	CA	CA,MR	CA	-	MR	CA,MR
32M	SC	SC	SC	SC	-	SC	SC
35M	SC	SC	SC	SC	-	SC	SC
40S	CA,CT,MR	CA,CT,MR,RN,RH	CA,CT,MR,RN,RH	CA,CT	CA	CA,MR	CA,CT,MR
40M	SC	SC	SC	SC	-	SC	SC

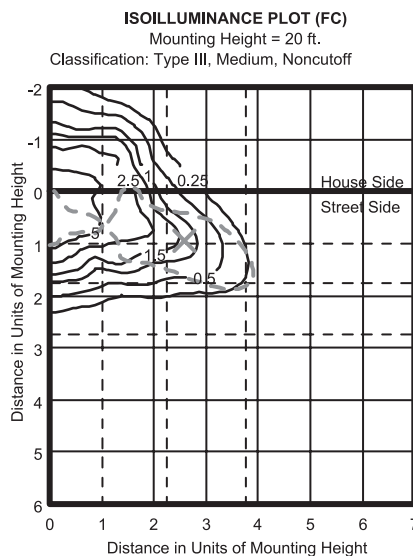
Watts	DT2	DT4	MT1	MT2	MT7	TT3	5T4
15S	CA	CA	CA	CA	CA	XN,XH	-
17M	SC	-	SC	SC	SC	-	-
20S	CA,CT,MR,XN,XH	MR	CA,CT	CA,CT	CA,CT	CA	-
20M	-	-	SC	SC	SC	-	-
23S	CA	-	CA	CA	CA	-	-
24S	CA	-	CA	CA	CA	-	-
25S	CA,CT,MR,XN,XH	MR	CA,CT	CA,CT	CA,CT	CA	CA
25M	SC	SC	SC	SC	SC	SC	-
31S	CA, MR	CA	CA	CA	CA	-	-
32M	SC	SC	SC	SC	SC	-	-
35M	SC	SC	SC	SC	SC	-	-
40S	CA,CT,MR	MR	CA	CA	CA	CA	CA
40M	SC	-	SC	SC	SC	-	SC

PHOTOMETRICS

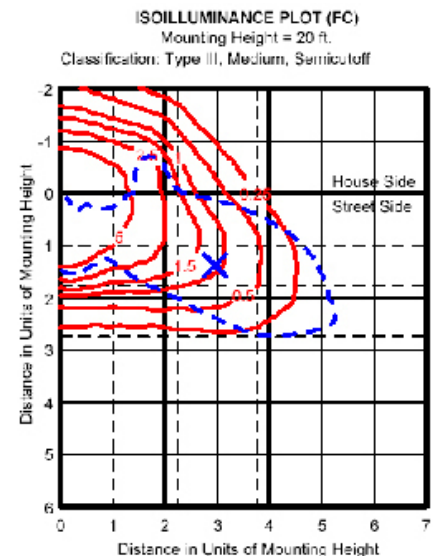
125 25S R3 DG LD



125 40M SC R3 DG



125 40S R3 DG



X Maximum Intensity



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