



TYPICAL APPLICATION

- service station canopies
- display areas
- building canopies

DORVAL

Luminaires All aluminum die-formed unibody construction.

Housing Die-formed .063 aluminum is vapour degreased, sanded and vinsynite primed prior to standard paint-finish. Precision dies maintain a consistency of finished housing. Seamless welding gives the fixture uninterrupted lines.

Ballast Housing Consists of an aluminum plate sub-assembly for mounting ballast capacitor and ignitor (HPS). Mounting plate makes for quick and easy replacement of ballast. Easily accessible from bottom of fixture for simple maintenance.

Reflector Semi specular anodized reflector with superior reflectivity to maximize performance of vertically operating lamps.

Lens Assembly Heat tempered concave glass lens available in both clear and obscure versions, fully framed in an anodized aluminum extrusion. Frame is piano hinged and fully secured.

Labels All fixtures are weatherproof and CSA approved.

PERFORMANCE DATA

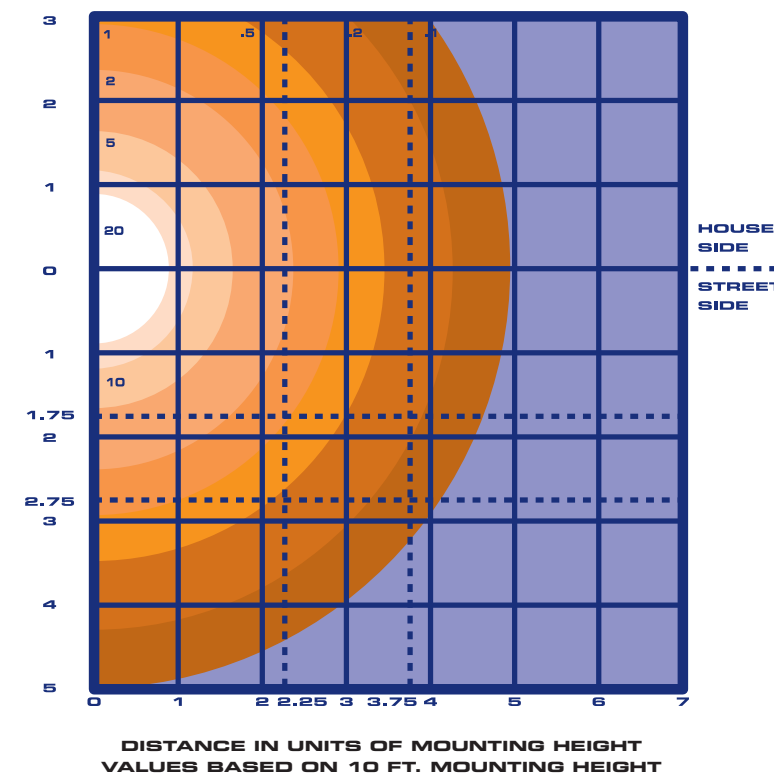
PHOTOMETRIC FILENAME: C8581.IES –DORVAL-400W-MHPS

ELSCO LIGHTING OUTDOOR LUMINAIRE PROTOTYPE (BASED ON LSC 8422) WITH CURVED SPECULAR REFLECTOR AND PATTERNED GLASS DROP LENS
ONE 400W CLEAR ED28 PULSE-START METAL HALIDE LAMP. LUMEN RATING = 44000 LMS.

Characteristics

IES Classification	Type V
Longitudinal Classification	Very Short
Cutoff Classification (deprecated)	Cutoff
Lumens Per Lamp	44000 (1 lamp)
Total Lamp Lumens	44000
Luminaire Lumens	34479
Total Luminaire Efficiency	78 %
Downward Total Efficiency	78 %
Upward Waste Light Ratio	N.A.
Max. Cd.	21909 (0H, 17.5V)
Max. Cd. (<90 Vert.)	21909 (0H, 17.5V)
Max. Cd. (At 90 Deg. Vert.)	3 (0.0%Lamp)
Max. Cd. (80 to <90 Deg. Vert.)	1005 (2.3%Lamp)
Total Luminaire Watts	400
Ballast Factor	1.00

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



ORDERING INFORMATION

To simplify ordering accuracy, choose one from each category.

Category	FIXTURE SERIES	WATTAGE	BALLAST	LENS	COLOURS	VOLTAGE	FLANGE
	<input type="checkbox"/> DOR	Up to 400 Watt inclusive	<input type="checkbox"/> HPS High Pressure Sodium <input type="checkbox"/> MH Metal Halide <input type="checkbox"/> MHPS Metal Halide Pulse Start	<input type="checkbox"/> CL Clear <input type="checkbox"/> OB Obscure	<input type="checkbox"/> W White <input type="checkbox"/> BL Black <input type="checkbox"/> BZ Bronze	<input type="checkbox"/> 120 <input type="checkbox"/> 208 <input type="checkbox"/> 240 <input type="checkbox"/> 277 <input type="checkbox"/> 347	Add FL if flange is required
ORDERING EXAMPLE COD	DOR	250	MHPS	OB	W	120	FL



Dome Glass
Clear or Obscure

