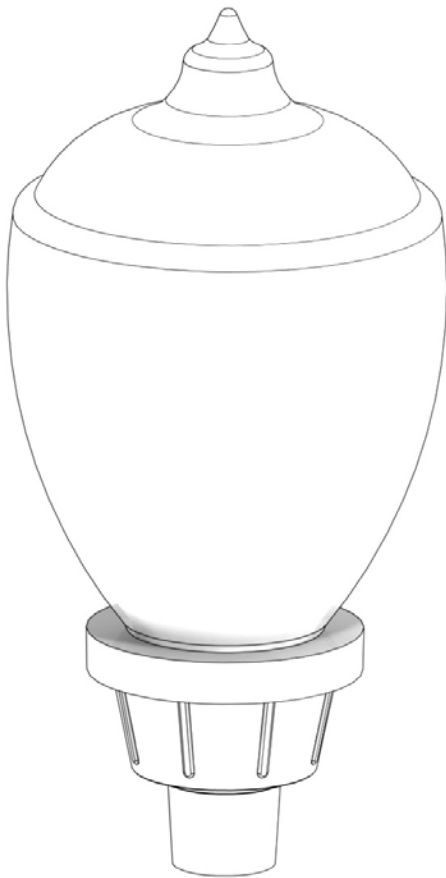


Project Name:	Type:
Notes:	Order Matrix Number:

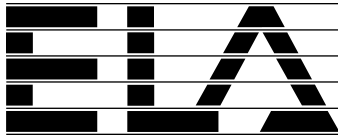
DORCHESTER



The *Dorchester* offers an Old World style that meets today's technology. Available in three globe styles, the *Dorchester* offers a classic look for many outdoor specifications. Suitable for pole, cross arm, or wall mounting conditions, the *Dorchester* is often specified for street lighting, court houses, museums, historical sites, government buildings, schools and universities, parking lots, site and walkway lighting, lighting for "Old Town" sections of cities, and much more.

Constructed of high grade cast aluminum and finished with a powder-coated finish with a UV resistant polycarbonate, acrylic, or polyethylene globe; the *Dorchester* is built for the toughest of outdoor conditions. The *Dorchester* can also meet the performance standards of today's lighting demands. Available with Type III or Type V refractors, the *Dorchester* is available in up to a maximum 250 watt Metal Halide or High Pressure Sodium and can also accommodate today's Low-Energy requirements with up to 75 watt LED or 200 watt Induction sources while still maintaining excellent light output.

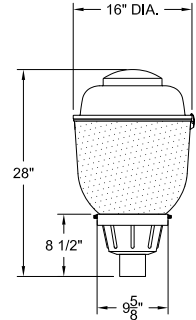
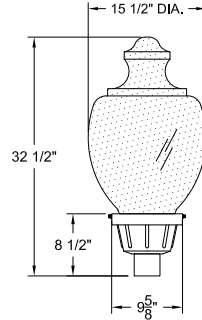
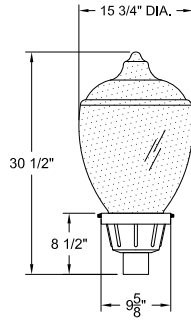
The *Dorchester* offers a classic traditional look while meeting today's high performance standards for lighting.



1	2	3	4	5	6	7	8	9
Fixture	Size	Mounting	Optics	Ballast	Voltage	Lens	Color	Option
DCR	10A	PT	V5	100PSMH	120	SA	CY	--

1. Fixture: DCR

2. Size



Matrix #:
Description:
Notes:
EPA:
Weight:

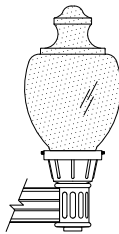
10A
Lens Style A
Max Wattage 250W
2.2
26 lbs.

10B
Lens Style B
Max Wattage 250W
2.3
27 lbs.

10C
Lens Style C with Solid Aluminum Top
Max Wattage 250W
2.2
31 lbs.

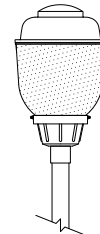
3. Mounting

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

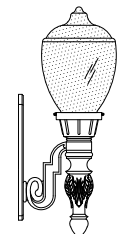


Matrix #:
Description:

CA
Cross Arm



PT
Post Top



WB
Wall Bracket

4. Optics

Vertical



Matrix #:
Description:

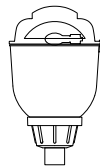


V3 *
TYPE 3



V5
TYPE 5

Horizontal



Matrix #:
Description:



H3 **
TYPE 3



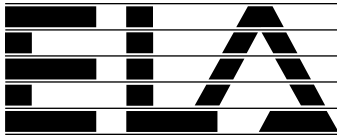
H5 **
TYPE 5

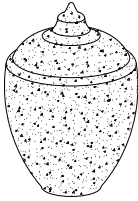
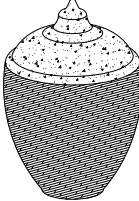
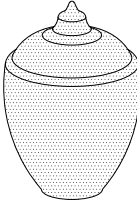
Notes:
* Glass refractor required.
** Fits style C only.

5. Ballast

Description:	Incandescent	Metal Halide	High Pressure Sodium	Compact Fluorescent	LED (Watts / Type)	Induction Bulb Type (Watts / Type)
Pulse Start Metal Halide (Watts / Type)	INC	(Watts / Type)	(Watts / Type)	(Watts / Type)	40LED 75LED	(Watts / Type)
Matrix #:						
50PSMH		50MH	50HPS	18CFL		35iB
70PSMH		70MH	70HPS	26CFL		55iB
100PSMH		T6 70MH	100HPS	32CFL		85iB
150PSMH		100MH	150HPS	42CFL		100iB
200PSMH		T6 150MH	200HPS	57CFL		100iB
250PSMH			250HPS	60CFL		120iB
						165iB
						200iB




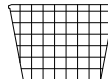







Notes:
1. Electronic ballast available for 50, 70, and 100 watt MH lamps.
2. Other wattages available. Consult factory.



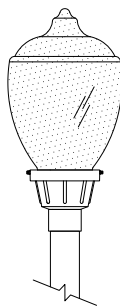
6. Voltage <small>* Only these voltages are available with LED.</small>	Matrix #: 120 * 208 240 277 * 347 480 Description: 120V 208V 240V 277V 347V 480V
	7. Lens    Matrix #: SA Stippled Acrylic (Clear) PAG3 Prismatic Acrylic Globe Type 3 OP Opal Polyethylene Description: SP Stippled Polycarbonate (Clear) PAG5 Prismatic Acrylic Globe Type 5 PPG3 Prismatic Polycarbonate Globe Type 3 PPG5 Prismatic Polycarbonate Globe Type 5

Notes:
Consult factory for custom lens.

8. Color Notes: Consult factory for custom colors.	Powder Coat Finish <table border="1"> <tr> <th>Matrix #</th> <th>Description</th> <th>Matrix #</th> <th>Description</th> </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	Hand-Applied Finish <table border="1"> <tr> <th>Matrix #</th> <th>Description</th> </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	Verde
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V	Verde																																													

9. Options 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: <i>Photocell is available in 120 thru 480 volts. Consult factory. Specify when ordering.</i>	 BBU Battery Backup	 TB Terminal Block	 PCB Photocell Button	 VR Vertical Glass Refractor	 HSS House Side Shield	 DR Decorative Ring
	 FF1 Fixture Finial 1	 FF2 Fixture Finial 2	 FF3 Fixture Finial 3	 FF4 Fixture Finial 4	 AT Aluminum Top (Solid Top)	

Fixture Ordering Example:



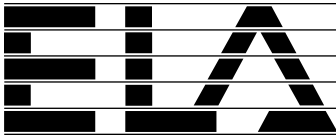
DCR/10A/PT/V5/100PSMH/120/SA/CY

1	2	3	4	5	6	7	8	9
Fixture	Size	Mounting	Optics	Ballast	Voltage	Lens	Color	Option
DCR	10A	PT	V5	100PSMH	120	SA	CY	-
Dorchester Fixture	10A	Post Top	Vertical Type 5	100 Watt Pulse Start Metal Halide	120 Volts	Stippled Acrylic (Clear)	Clay	-

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. DCR / / / / / / / / / / /



Specifications

Fixture Housing: One-piece sand-cast. 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" tenon. Please consult factory for other options. For wall and arm mounts, consult factory for installation.

Optics: Units shall be hydroformed or segmented sharp cut-off optics. Specular Alzak® optical segments are rigidly mounted within a globe enclosure glass refractor to be boro silicate prismatic glass. If utilizing prismatic globe, optics are integrated into the acrylic or polycarbonate globe body.

Electrical Module: All electrical components are UL and CSA recognized, mounted on a single plate, and factory prewired. An optional quick-disconnect plug for the ballast module is available when specified. *Reference pages 2 and 3 for lamp characteristics, ballast types, and voltage technical data.*

Lens: Shall be either acrylic or impact resistant polycarbonate or polyethylene.

Finish/Color: Finish is super TGIC thermoset polyester powder coat paint. 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 64.

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 Dorchester Fixture



Fixture :	DCR/10A/WB	DCR/10B/PT	DCR/10C/PT	DCR/10A/CA	DCR/10B/CA	DCR/10A/PT	DCR/10B/WB
Arm :	BR26			CR10A	CR26B		BR7
Pole:		P3009A-10'	P3016B-12'	P3025D-16'	P3020B-14'	PM607	
Options :							

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