

Project: \_\_\_\_\_

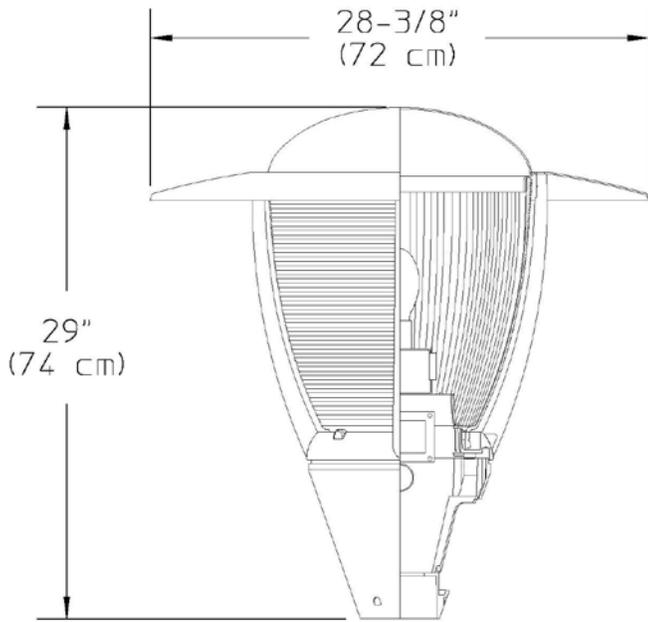
Location: \_\_\_\_\_

Cat.No: \_\_\_\_\_

Type: \_\_\_\_\_

Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_

Notes: \_\_\_\_\_



### Ordering Guide

Example: C52 M D K A 2 A D N D 70S E

Product Code	C52	Refractive	
<b>Fitter/Pod</b>	M	Contemporary Smooth Tapped Cone Fitter	*1
	R	Contemporary Smooth Tapered Fitter	
	P	Contemporary Round Fitter	*1
<b>Roof</b>	D	Short	
	H	Round	
	J	Flat	
	K	Cone	
<b>Cage / Band</b>	K	Cage for Contemporary Globe	
	L	Cage for Contemporary Globe	
	N	None	
<b>Brim</b>	A	Brim	*2
	N	None	
<b>Fasteners</b>	2	Allen Head	
<b>Finish</b>	A	Black	
	B	White	
	H	Bronze	
	I	Gray	
	J	Green	
<b>Reflector</b>	D	Small Top Reflector	
	F	Small top reflector w/House-side shield	
	G	Full Top Reflector w/House-side shield	
	H	House Side Shield	
	T	Full Top Reflector	
	L	Internal Louver Assembly	*3
	N	None	
<b>Photo Control</b>	N	None	
	B	Button Eye Photo Control	
	R	Twist-lock Receptacle	*4
<b>Socket</b>	D	Medium	*5
	G	Mogul	*5
	R	Induction	*6
<b>Wattage</b>	70S	70W HPS	
	100S	100W HPS	
	150S	150W HPS	
	200S	200W HPS	*7
	250S	250W HPS	*7
	70H	70W MH	
	100H	100W MH	
	150H	150W PMH	
	250H	250W PMH	*7
	55R	55W Induction	
	85R	85W Induction	
<b>Voltage</b>	E	120V	
	F	208V	
	G	240V	
	H	277V	
	K	347V	*8

# C52 Refractive

## Post top

- \*1 Fits 4" O.D. post top tenon
- \*2 Must be used with (K) or (L) cage
- \*3 Cannot be used with Induction Lamping.
- \*4 Twistlock photocell receptacle (R) only available in (M) pod in all wattages
- \*5 Medium base (D) socket available for 70W-175W MH, 70W-150W HPS. Mogul base (G) socket available for 150W-250W MH, 70W-250W HPS.
- \*6 Consult factory if ordering Induction socket (R) and wattages.
- \*7 Available in (M) pod and (P) pod. Mogul base (G) socket only.
- \*8 347V (K) not available for (200S).

### Specifications

---

#### HOUSING:

##### OPTIONAL PODS:

M: Contemporary smooth tapered cone fitter is constructed of 356 HM High-Strength, Low-Copper cast aluminum. Accepts standard Hadco Twistlock ballast assemblies up to 250W H.I.D. Wiring block to accept three #8 solid or stranded wires. Optional internal twist-lock photo eye receptacle or button eye photocell. Tool-less access to photo eye through the door on the pod. Heavy cast aluminum post fitter utilizes three 5/16-18 black cadmium stainless steel Allen head set screws for mounting to 4" O.D. post tenon. Globe holder has an internal water trap to prevent water from entering the ballast compartment. Globe is attached using four 5/16-18 black cadmium stainless steel Allen head fasteners. Pod height is 11" and width is 10-1/2". Finish is polyester thermoset powdercoat.

P: Contemporary round fitter is constructed of 356 HM High-Strength, Low-Copper cast aluminum. Accepts standard Hadco Twistlock ballast assemblies up to 250W H.I.D. Wiring block to accept three #8 solid or stranded wires. Optional internal button eye photocell. Heavy cast aluminum post fitter utilizes three 5/16-18 black cadmium stainless steel Allen head set screws for mounting to 4" O.D. post tenon. Globe holder has an internal water trap to prevent water from entering the ballast compartment. Globe is attached using four 5/16-18 black cadmium stainless steel Allen head fasteners. Pod height is 9-1/2" and width is 10-1/2". Finish is polyester thermoset powdercoat.

R: Contemporary smooth tapered fitter is constructed of 356 HM High-Strength, Low-Copper cast aluminum. Accepts standard Hadco Twistlock ballast assemblies up to 150W HPS or 250W MH. Wiring block to accept three #8 solid or stranded wires. Optional internal button eye photocell. Heavy cast aluminum post fitter utilizes three 5/16-18 black cadmium stainless steel Allen head set screws for mounting to 3" O.D. post tenon. Globe holder has an internal water trap to prevent water from entering the ballast compartment. Globe is attached using four 5/16-18 black cadmium stainless steel Allen head fasteners. Pod height is 8" and width is 10". Finish is polyester thermoset powdercoat.

##### ROOF:

D: Roof is 0.090" thick spun aluminum. 6-1/2" height and 15-3/16" width. The roof and bottom globe sections are secured in a slip-fit, 1/2" overlap design and use four #10-24 stainless steel pan head screws with four aluminum nutserts providing a mechanical lock and enabling easy future replacement of either the roof or bottom globe section if required. Finish is polyester thermoset powdercoat.

H: Roof is 0.090" thick spun aluminum. 4" height and 15" width. The roof and bottom globe sections are secured in a slip-fit, 1/2" overlap design and use four #10-24 stainless steel pan head screws with four aluminum nutserts providing a mechanical lock and enabling easy future replacement of either the roof or bottom globe section if required. Finish is polyester thermoset powdercoat.

J: Roof is 0.090" thick spun aluminum. 5" height and 15-5/8" width. The roof and bottom globe sections are secured in a slip-fit, 1/2" overlap design and use four #10-24 stainless steel pan head screws with four aluminum nutserts providing a mechanical lock and enabling easy future replacement of either the roof or bottom globe section if required. Finish is polyester thermoset powdercoat.

K: Roof is 0.090" thick spun aluminum. 8" height and 15" width. The roof and bottom globe sections are secured in a slip-fit, 1/2" overlap design and use four #10-24 stainless steel pan head screws with four aluminum nutserts providing a mechanical lock and enabling easy future replacement of either the roof or bottom globe section if required. Finish is polyester thermoset powdercoat.

##### CAGES:

K: Cage for narrow globe (15" dia.). Constructed of 360 High-Strength, Low-Copper Die-cast aluminum. Cage has 4 curved legs, attached by a solid band. Height of cage is 16-7/8" and width of cage is 16-5/8". Finish is polyester thermoset powdercoat.

L: Cage for narrow style globes (15" dia.). Constructed of 360 High-Strength, Low-Copper Die-cast aluminum. Cage has 8 curved legs, attached by a solid band. Height of cage is 16-7/8" and width of cage is 16-5/8". Finish is polyester thermoset powdercoat.

##### BRIM:

A: Brim is 0.090" thick spun aluminum. Height is 3-1/2" and width is 28-3/8". The brim is only available with the cage option (K or L) and is attached to the cage via stainless steel fasteners. Finish is polyester thermoset powdercoat.

##### FASTENERS:

Used to secure post fitter to post tenon and globe to globe holder.

2: Allen Head Bolts: Black cadmium stainless steel.

##### FINISH:

Thermoset polyester powdercoat is electrostatically applied after a five-stage conversion cleaning process and bonded by heat fusion thermosetting. Laboratory tested for superior weatherability and fade resistance in accordance with ASTM B117 specifications. For larger projects where a custom color is required, contact the factory for more information.

# C52 Refractive

## Post top

### Specifications

---

#### HOUSING:

OPTIONAL PODS:

#### OPTICAL ASSEMBLY:

GLOBE AND OPTICAL ASSEMBLY:

Type V Narrow body globe is constructed of clear injection-molded U.V. stabilized acrylic. A two-piece (Globe and Roof) slip-fit, 1/2" overlap, design utilizes nutserts and stainless steel fasteners, which eliminates a "butt-glue" seam appearance. The optical section of the globe has a neck opening of 7-3/8" and an outside neck diameter of 8". Globe (less the roof) has a 15-1/2" height and 15" width at the top with 114 horizontal prisms and 360 highly polished vertical prisms.

REFLECTORS AVAILABLE:

D: Small Top Reflector: Top reflector is 0.04" thick #3003 aluminum alloy. Diameter is 6-1/2" and Height is 3". Precision formed, highly polished specular aluminum finish. Mounted horizontally to control uplight. Tool-less attachment of reflector bracket to socket with stainless steel spring clip.

F: Small Top Reflector with House Side Shield: Top reflector is 0.04" thick #3003 aluminum alloy. Diameter is 6-1/2" and Height is 3". Side reflector is 0.02" thick. Precision formed, highly polished specular aluminum finish. Top is mounted horizontally to control uplight while house-side shield is mounted vertically to control backlight. Tool-less attachment of reflector bracket to socket with stainless steel spring clip. Rotatable 360 degrees.

G: Top Reflector with House Side Shield: Top reflector is 0.04" thick hydroformed aluminum with a clear anodized highly specular finish. Diameter is 14-1/4" and Height is 6-1/4". Reflector rests on top internal prism wall of the bottom globe section to control uplight. House-side reflector is 0.02" thick aluminum alloy. Precision formed highly polished specular aluminum finish. Mounted vertically to control backlight. Tool-less attachment of reflector bracket to socket with stainless steel spring clip. Rotatable 360 degrees.

H: House-Side Shield: House-side reflector is 0.02" thick aluminum alloy. Precision formed highly polished specular aluminum finish. Mounted vertically to control backlight. Tool-less attachment of reflector bracket to socket with stainless steel spring clip. Rotatable 360 degrees.

L: Internal Louver Assembly: Optically designed, 0.05" thick highly polished, specular Alzak® aluminum, internal louvers. Tool-less attachment of reflector bracket to socket with stainless steel spring clip. Rotatable 360 degrees. (NOTE: cannot be used with Induction Lamping.)

T: Top Reflector: Top reflector is 0.04" thick hydroformed aluminum with a clear anodized highly specular finish. Diameter is 14-1/4" and Height is 6-1/4". Reflector rests on top internal prism wall of the bottom globe section to control uplight.

#### ELECTRICAL ASSEMBLY:

Twistlock Ballast Assembly with Quick Disconnects for easy maintenance. Ballasts are HPF core and coil. 4kv rated mogul base porcelain socket. Nickel-plated screw shell with center contact. 4kv rated porcelain mini-can base. Nickel-plated screw shell with center contact. Consult factory if ordering Induction Lamping and Power Coupler.

#### BALLAST:

All HID ballasts are core and coil and regulated with power factors better than 90% (HPF). Ballast provides +/- 5% lamp power regulation with +/- 10% input voltage regulation. Ballasts are factory pre-wired and tested. Metal halide ballasts are capable of starting at -20° F or -30° C and HPS at -40°F or -40°C. NOTE: All ballasts are EISA / Title 20 / Title 24 compliant where applicable.

#### CERTIFICATIONS:

ETL Listed to U.S. safety standards for wet locations. cETL listed to Canadian safety standards for wet locations. Manufactured to ISO 9001:2008 Standards.

#### WARRANTY:

Three-year limited warranty.

#### Max. EPA:

2.08 sq. Ft. (Varies depending on options selected)

#### Max. Weight:

50 lbs

#### IESNA Classifications:

Semi Cutoff: with C and D roof and/or G or T refl

