

Type No. _____

Catalog No. _____

Job. Name _____

Constar VI Series

16" Prismatic Acrylic Refractor Luminaire Remote/Surface Ballast

APPLICATIONS

- Malls, Retail Outlets, Home Centers, Supermarkets, Libraries, Car Showrooms, Schools, Lobbies, Manufacturing, Cafeteriums, Auditoriums.

CONSTRUCTION

- SB (Surface Ballast) housing is precision die-cast aluminum.
- RB (Remote Ballast) housing is stamped steel FCAN style or with ballast enclosure.
- Exposed components standard in Duraplex II white polyester powder coated finish.
- Optional designer finishes available. (Consult factory)

OPTICS

- Lightweight UV stabilized injection molded prismatic refractor.
- Direct/indirect distributions provide excellent uniformity ratios.
- Indirect component eliminates ceiling "cave effect".
- Available open or with acrylic lens.

ELECTRICAL

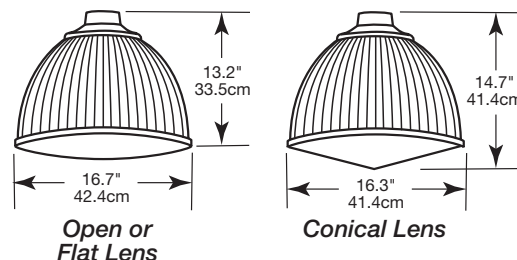
- HID ballasts are High Reactance HPF(HX-HPF).
- HID ballasts: SB supplied 8(120-277) volt.
- HF ballasts: RB and SB supplied 8(120-277) volt.
- Porcelain spring-loaded 4KV pulse rated HID socket- mogul base.
- Compact Fluorescent ballasts are HPF electronic .95 Pf, <10% THD.
- PLT four pin base GX24q-3(26/32W), GX24q-4(42W).
- RB units include internal thermal protection.
- Rated for 35°C ambient.
- All metal halide fixtures are pulse start with open-rated sockets.

MOUNTING

- Rigid 3/4" tubing up to 48" or coiled cord/aircraft cable (HF not available with cords).
- Consult factory for stems over 48".
- 35° swivel ball hanger (not for use outdoors) and finishing canopy.

WARRANTY/LISTINGS

- UL 1598 listed for damp locations.
- Published five year limited warranty.



Ordering Guide Example: RBC1670MAOR12WHT-6

RB	C	16	70	MAOR	12	WHT	—	6

Ballast	Lens	Refractor	Wattage	Source	Stem/Finish	Options	Voltage
RB=Remote Ballast ¹	C=Conical D=Drop	16	70 (E/BD17) ² 100 (E/BD17) ²	MAOR ⁷	12 24	WHT=White	1=120 4=277
SB=Surface Ballast ¹	E=Flat Acrylic G=Open		150 (E/BD17) ³ 175 (E/BD17) ⁵	EMAOR ⁷	36 48	See page 2 for additional options	6=120/277 8=120-277
NB=No Ballast			26 (PLT) 32 (PLT) 42 (PLT)	HF ⁶			
			150 (PS/A)	IN			

¹ Consult factory for Lamp to Ballast distance.

² RB/SB voltage is 6(120/277).

³ Must be EMA.

⁴ Consult factory for High Pressure Sodium.

⁵ No remote ballast available.

⁶ Not available with Straight Cord (SC).

⁷ Fixture must use open-rated lamp.

WARNING: Pulse Start Metal Halide lamps are rated for shielded or enclosed fixtures only. Specific lamps can be utilized in open fixtures and require an open rated socket ("OR" option). Consult lamp manufacturers for details.

Exceline

1611 Clovis R. Barker Road • San Marcos, TX 78666
800.545.1326 • 512.392.5821 • Fax: 512.753.1122 • www.exceline.com

PT#: EXSP0107A0812

Product information is subject to change without notice

PHILIPS

Constar VI Series

16" Prismatic Acrylic Refractor Luminaire Remote/Surface Ballast

Constar VI Options

Options are factory installed. Order as suffix prior to voltage.

DESIGNER FINISHES

Consult factory.

FUSING FOR BALLAST PROTECTION - Specify voltage

F Fusing for 120/277V.

G Fusing for 208/240/480V.

TIME DELAY QUARTZ RESTRIKE

Q Auxiliary lamp switches on during both hot and cold start conditions and remains on until the primary HID lamp reaches 70% of its design output. Socket rated for 250W quartz lamp. 75W catalog number Q75T4. (CEW#JD75W/BD) Restrike lamp cannot exceed the primary lamp wattage. 75W max.

COIL/CORD SET:

18/3 SJTW CORD AND 1/16" AIRCRAFT CABLE WITH 5" CANOPY

C4' 4' cord/cable set for field installation.

C10' 10' cord/cable set for field installation.

STRAIGHT CORD SET:

18/3 SVT CORD WITH 1/16" AIRCRAFT CABLE WITH 5" CANOPY

SC' 48" white cord/cable kit for field installation.

NOTES:

1) Not available with compact fluorescent units.

Constar VI Accessories

Accessories are field installed. Order as separate part number.

WIREGUARD

WG160 For open units. (16")

ExceLine

1611 Clovis R. Barker Road • San Marcos, TX 78666
800.545.1326 • 512.392.5821 • Fax: 512.753.1122 • www.exceline.com

PT#: EXSP0107A0812

Product information is subject to change without notice

PHILIPS