

CORUS

Type: _____
 Job: _____
 Quantity: _____
 Catalog number: _____
 COR _____

1 2 3 4 5 6

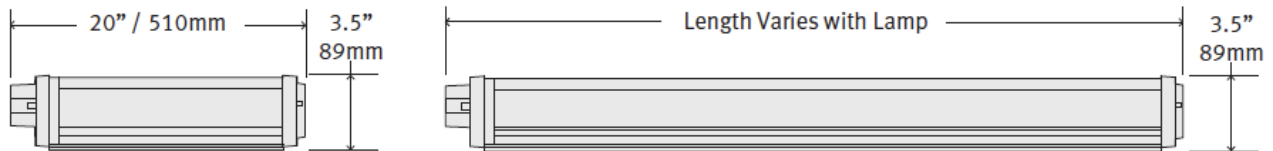
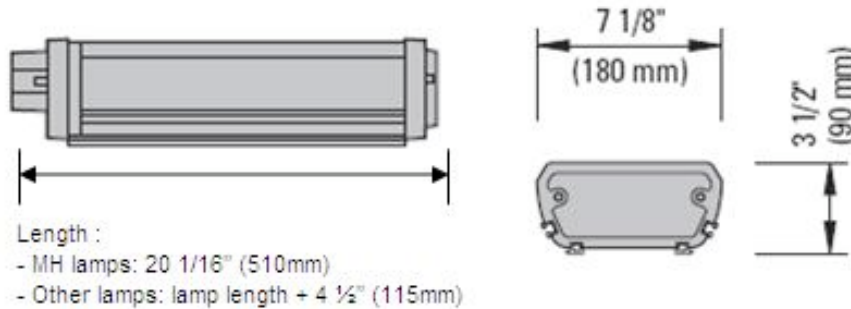
➔ See page 4

Approvals: _____

 Date: _____

SPECIFICATIONS

| Model | CORUS Metal Halide | CORUS Fluorescent |
|-----------------------|--------------------|-------------------|
| Height | 3.5 in / 89mm | 3.5 in / 89mm |
| Length | 20 in / 510mm | Varies |
| IP Rating - Reflector | 66 | 66 |



HOUSING

Extruded aluminum, with integral grooves to mount the internal components. End caps and access doors are made of die cast aluminum.

ACCESS DOOR

Die cast aluminum, allowing easy access to the electrical components' mounting plate. The plate slides into the housing's grooves. Silicone gaskets make the door dust and water tight, IP66 rating according to IEC standard IE 60529.



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| | |
|-----------------|--|
| GASKETING | Silicone gaskets provide an IP66 rating for dust and water ingress protection as per IEC 60529 standard. |
| LOCKING SYSTEM | Closing captive 0.158" (4mm) allen head stainless steel screws. One allen key is provided with each order. |
| REFLECTOR | Formed of aluminum, polished, electro-chemically brightened, and anodized to provide a precise controlled light beam. The optical system is located in the center of the luminaire housing. LENS Flat clear tempered glass, shock resistant. The lens is permanently sealed to the housing. |
| LAMP HOLDER | Porcelain heat-resistant pulse rated 4kV bi-pin base (2G11) for PL-L fluorescent lamps and G13 for T5 and T8 fluorescent lamps. |
| BALLAST | Provided with polarized quick disconnects plugs with positive lock. |
| REGULATOR TYPE | (EL) solid state electronic control gear. |
| BALLAST TRAY | All electrical components, lamp, reflector and control gear are fixed to modular galvanized steel plate that slides into the housing, like a drawer, for easy maintenance. |
| ELECTRICAL FEED | A pressure gland at the wire entry for flexible conduit 0.310" to 0.510" (7.87mm to 12.95mm) (cord by others). |
| HARDWARE | All exposed screws are stainless steel. All seals and sealing devices are made and/or lined with EPDM and/or silicone. |
| FINISH | Application of polyester powder coat paint. The chemical composition provides a highly durable UV and salt spray resistant finish in accordance to the ASTM B117 standard and humidity proof in accordance to the ASTM D2247 standard. |

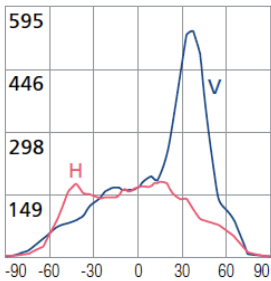
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PHOTOMETRY

COMPACT HOUSING
 T6 METAL HALIDE CDM LAMP

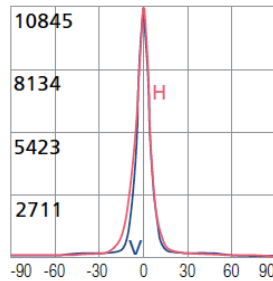
ASYMMETRIC DISTRIBUTION

70 watt T6 metal halide lamp
 NEMA type: 6 x 6
 Beam angle: 79 x 26
 I_{max}: 595



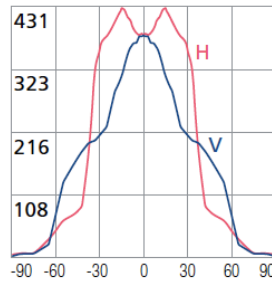
NARROW DISTRIBUTION

70 watt T6 metal halide lamp
 NEMA type: 2 x 2
 Beam angle: 10 x 9
 I_{max}: 10,845



WIDE DISTRIBUTION

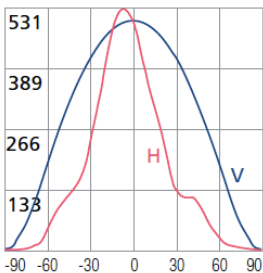
70 watt T6 metal halide lamp
 NEMA type: 6 x 6
 Beam angle: 73 x 51
 I_{max}: 431



LINEAR HOUSING
 T5 AND T8 FLUORESCENT LAMPS

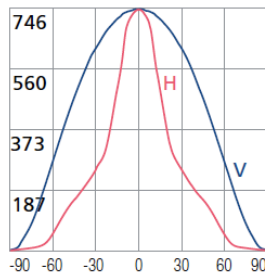
ASYMMETRIC DISTRIBUTION

28 watt T5 fluorescent lamp
 NEMA type: 6 x 7
 Beam angle: 49 x 104
 I_{max}: 531



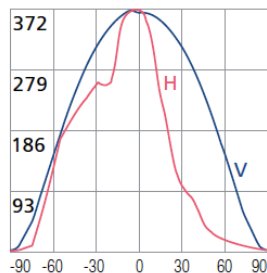
SYMMETRIC DISTRIBUTION

28 watt T5 fluorescent lamp
 NEMA type: 6 x 7
 Beam angle: 40 x 107
 I_{max}: 746



ASYMMETRIC DISTRIBUTION

32 watt T8 fluorescent lamp
 NEMA type: 6 x 7
 Beam angle: 72 x 107
 I_{max}: 372



SYMMETRIC DISTRIBUTION

32 watt T8 fluorescent lamp
 NEMA type: 7 x 7
 Beam angle: 67 x 109
 I_{max}: 345

