

CORUS

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

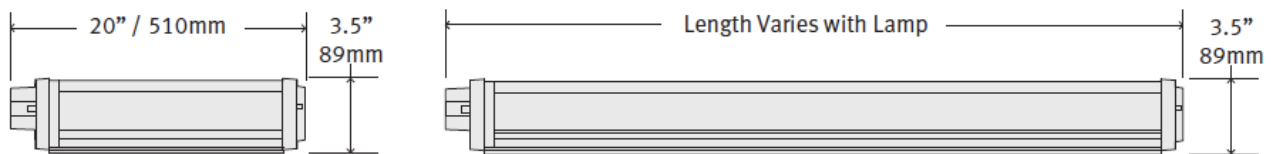
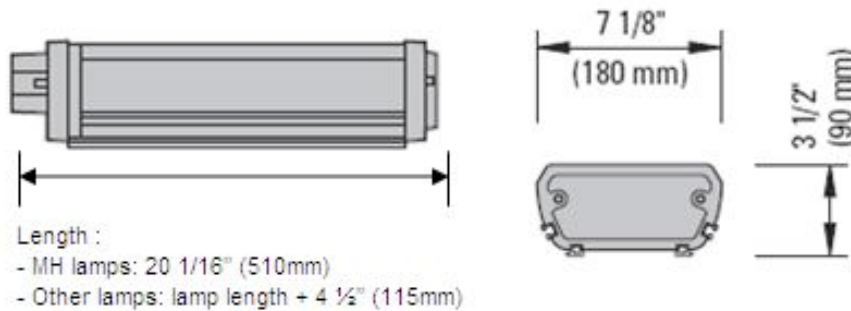
Approvals: _____

 Date: _____

1 2 3 4 5 6
 → See page 4

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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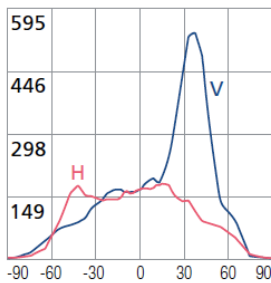
PHOTOMETRY

COMPACT HOUSING

T6 METAL HALIDE CDM LAMP

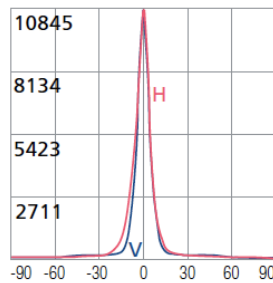
ASYMMETRIC DISTRIBUTION

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



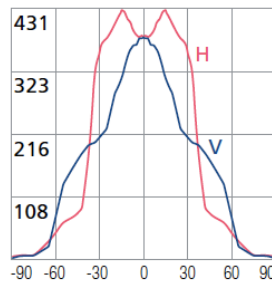
NARROW DISTRIBUTION

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

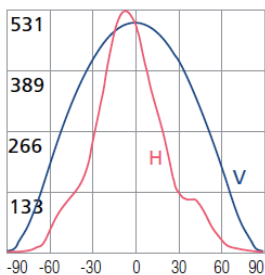


LINEAR HOUSING

T5 AND T8 FLUORESCENT LAMPS

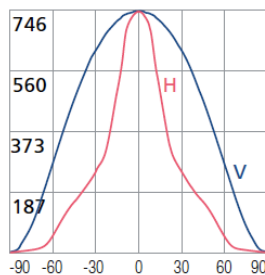
ASYMMETRIC DISTRIBUTION

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



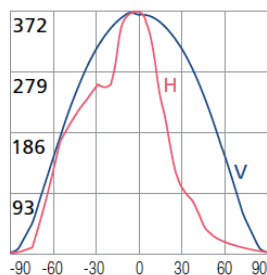
SYMMETRIC DISTRIBUTION

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



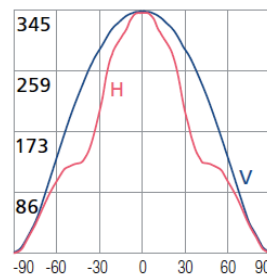
ASYMMETRIC DISTRIBUTION

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

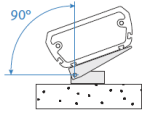
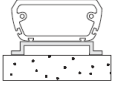
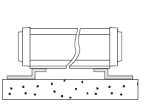
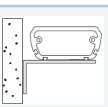


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ORDERING INFORMATION

COR

1 LIGHT DISTRIBUTION		2 LAMP TYPE		3 VOLTAGE		4 COLOR	
<input type="checkbox"/>	SYM Symmetric distribution for fluorescent lamps only	<input type="checkbox"/>	MH T6 Metal Hlide - G12 bi-pin socket	<input type="checkbox"/>	120 volt	<input type="checkbox"/>	EQ 9011 Textured black
<input type="checkbox"/>	ASYM Asymmetric distribution	<input type="checkbox"/>	MH T6 - 39 39 watt lamp metal halide	<input type="checkbox"/>	208 volt	<input type="checkbox"/>	EQ 9007 Textured gray
<input type="checkbox"/>	NARROW Narrow distribution for metal halide lamps only	<input type="checkbox"/>	MH T6 - 70 70 watt lamp metal halide	<input type="checkbox"/>	240 volt	<input type="checkbox"/>	EQ 9016 Textured white
<input type="checkbox"/>	WIDE Wide distribution for metal halide lamps only	<input type="checkbox"/>	PL-L Twin tube fluorescent with electronic ballast	<input type="checkbox"/>	277 volt	<input type="checkbox"/>	EQ 8019 Textured bronze
		<input type="checkbox"/>	PLL-18 18 watt lamp, 4 pin, 2G11 socket	<input type="checkbox"/>	347 volt	<input type="checkbox"/>	EQ 8019 Textured bronze
		<input type="checkbox"/>	PLL-24 24 watt lamp, 4 pin, 2G11 socket			<input type="checkbox"/>	EQ 9006 Smooth Aluminum
		<input type="checkbox"/>	PLL-36 36 watt lamp, 4 pin, 2G11 socket			<input type="checkbox"/>	RAL ___ Provide four digit RAL color number
		<input type="checkbox"/>	PLL-40 40 watt lamp, 4 pin, 2G11 socket			<input type="checkbox"/>	CSC Custom color. Provide a color sample for matching and approval.
		<input type="checkbox"/>	PLL-55 55 watt lamp, 4 pin, 2G11 socket				
		<input type="checkbox"/>	PLL-80 80 watt lamp, 4 pin, 2G11 socket				
		<input type="checkbox"/>	FL T5 Linear fluorescent with electronic ballast				
		<input type="checkbox"/>	FL T5-14 14 watt lamp, nominal length 22"				
		<input type="checkbox"/>	FL T5-21 21 watt lamp, nominal length 34"				
		<input type="checkbox"/>	FL T5-28 28 watt lamp, nominal length 46"				
		<input type="checkbox"/>	FL T5-35 35 watt lamp, nominal length 58"				
		<input type="checkbox"/>	FL T8 Linear fluorescent with electronic ballast				
		<input type="checkbox"/>	FL T8-17 17 watt lamp, nominal length 24"				
		<input type="checkbox"/>	FL T8-25 25 watt lamp, nominal length 36"				
		<input type="checkbox"/>	FL T8-32 32 watt lamp, nominal length 48"				
		<input type="checkbox"/>	FL T8-40 40 watt lamp, nominal length 60"				
5 OPTIONS						6 MOUNTING OPTIONS	
<input type="checkbox"/>	PCS Polycarbonate lens is a secondary shield covering the standard tempered glass lens			<input type="checkbox"/>	TLM 		
<input type="checkbox"/>	TGL Textured glass lens instead of clear glass			<input type="checkbox"/>	SAM 		
<input type="checkbox"/>	CF-GR Green colored glass filter			<input type="checkbox"/>	EAM 		
<input type="checkbox"/>	CF-BL Blue colored glass filter			<input type="checkbox"/>	WAM 		
<input type="checkbox"/>	CF-RD Red colored glass filter						
<input type="checkbox"/>	CF-AM Amber colored glass filter						
<input type="checkbox"/>	CF-OR Orange colored glass filter						