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CFL SERIES LARGE COMPACT FLOOD

100 - 400 WATTS
PSMH | MH | HPS



JOB NAME:	
TYPE:	QUANTITY:
CATALOG No:	
NOTES:	



APPLICATION: THE CFL SERIES IS AN EFFICIENT COMPACT FLOODLIGHT WITH WIDE VERTICAL AND HORIZONTAL LIGHT DISTRIBUTION. FULLY SEALED AND GASKETED FOR BOTH UPWARD AND DOWNWARD AIMING. IT IS DESIGNED FOR GENERAL PURPOSE EXTERIOR FLOODLIGHTING APPLICATIONS SUCH AS: PERIMETER AREAS, RECREATIONAL SPORTS FACILITIES, BUILDING FACADES AND GENERAL SAFETY AND SECURITY LIGHTING.

LAMPS: CFL ACCOMODATES 100W TO 400W HPS PULSE START MH AND HIGH PRESSURE SODIUM LAMPS

BALLAST: HPF REACTOR, HIGH POWER FACTOR HX TYPE OR CWA CORE AND COIL WITH A MINIMUM STARTING TEMPERATURE OF -20°F. HIGH POWER FACTOR, HIGH FREQUENCY ELECTRONIC BALLAST IS FEATURED WITH CFL UNITS,

SOCKET: UNITS FEATURE A MOGUL E39 BASE HEAVY-DUTY GLAZED PORCELAIN LAMPHOLDER, PRE-WIRED, WITH AN ENCLOSED SCREW SHELL AND SPRING-LOADED CENTER CONTACT, 5KV PULSE RATED.

HOUSING: HIGH-STRENGTH, DIE-CAST ALUMINUM BODY WITH DIE-CAST HINGED FACE FRAME. MOUNTING TRUNNION IS FORMED HEAVY GAUGE STEEL. OPTIOANL SLIPFITTER IS OF DIE-CAST ALUMINUM.

FINISH: THE HOUSING IS FINISHED ARCHITECTURAL DARK BRONZE IN A SUPERIOR, BAKED-ON, CORROSION RESISTANT POWDER COATING, ALLOWING THE FIXTURE TO WITHSTAND EXTREME WEATHER CHANGES WITHOUT CRACKING OR PEELING.

LENS: CLEAR, FLAT HEAT-RESISTANT GLASS SEALED INTO A HINGED DIE-CAST ALUMINUM DOOR FRAME.

REFLECTOR: REFLECTORS FORMED FROM ONE PIECE BRIGHTENED, ANODIZED ALUMINUM PROVIDING AND WIDE THROW NEMA 7 X 7 LIGHT DISTRIBUTION PATTERN.

MOUNTING: UNITS ARE PROVIDED WITH EITHER AN ADJUSTABLE STEEL TRUNNION OR ADJUSTABLE SLIPFITTER. OPTIONAL POST TOP ADAPTER, AND ADJUSTABLE WALL MOUNT BRACKETS ARE AVAILABLE.

LISTING: CSA-US AND ETL LISTED FOR WET LOCATIONS AND GROUND MOUNTING AND UPWARD AIMING.



FIXTURE NUMBER	WATTAGE	MOUNTING OPTION	ACCESSORIES (3)	VOLTAGE	
CFL	100HS	100W HIGH PRESSURE SODIUM	GSCFL GLARE SHIELD, ALUMINUM WITH BRONZE FINISH (CAN BE REVERSE MOUNTED AS A BACK CUTOFF.)	120 120 VOLT (1) 208 208 VOLT (1) 240 240 VOLT (1) 277 277 VOLT (1)	
	150HS	150W HIGH PRESSURE SODIUM			
	250HS	250W HIGH PRESSURE SODIUM			
	400HS	400W HIGH PRESSURE SODIUM			
	TM	100PSMH	100W PULSE START METAL HALIDE	WGCFL WIRE GUARD, STEEL.	347 347 VOLT (1,2) 480 480 VOLT (1)
		150PSMH	150W PULSE START METAL HALIDE		
		175PSMH	175W PULSE START METAL HALIDE		
		250PSMH	250W PULSE START METAL HALIDE		
		320PSMH	320W PULSE START METAL HALIDE		
		400PSMH	400W PULSE START METAL HALIDE		
		FLPTM	TENON MOUNT ADAPTER, SLIPS UP TO 2-3/8" O.D. (REQUIRES TRUNNION MOUNT)		
	SF	175MH	175W METAL HALIDE	FLSWB SWIVEL WALL BRACKET (REQUIRES TRUNNION MOUNT)	MT 120/208/240/277 VOLT MUTLI TAP 480 480 VOLT CMT 120/277/347 VOLT(2) CANDIAN MUTLI TAP
		250MH	250W METAL HALIDE		
		400MH	400W METAL HALIDE		

ORDER EXAMPLE - SELECT ITEMS FROM ABOVE COLUMNS TO BUILD CATALOG NUMBER

↓	↓	↓	↓	↓
CFL	400MH	TM	FLSWB	277

NOTES: (1) FACTORY MAY USE MULTI TAP BALLAST WIRED TO SPECIFIED VOLTAGE.
 (2) CANADIAN VOLTAGE.
 (3) BRONZE FINISH IS STANDARD.



MADE IN USA ♦ © 2010 RH Lighting Solutions ♦ 3155 West 33rd Street, Cleveland, OH 44109
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CFL - DIMENSIONS, ACCESSORIES AND TECHNICAL DATA

CFL

MOUNTING DETAIL - SLIPFITTER

FITS 2-3/8 TENON

MOUNTING DETAIL - TRUNNION

SF - SLIPFITTER MOUNT

GSCFL GLARE SHIELD

WGCFL WIRE GUARD

PSCFL - POLYCARBONATE VANDAL SHIELD

FLPTM - POLE TENON MOUNT (REQUIRES TRUNNION)

FLSWB - SWIVEL WALL BRACKET (REQUIRES TRUNNION)

PHOTOMETRIC DATA - ISOCANDELA CURVES

CFL-400HPS - 50000 LUMEN E18 CLEAR LAMP

IES NEMA TYPE	7 H x 7 V
MAXIMUM CANDELA	14292
MAXIMUM CANDELA ANGLE	37.5 H 0 V
HORIZONTAL BEAM ANGLE (50%)	111.4
VERTICAL BEAM ANGLE (50%)	106.8
HORIZONTAL FIELD ANGLE (10%)	135.8
VERTICAL FIELD ANGLE (10%)	137.6
TOTAL RATED LAMP LUMENS	50000
BEAM LUMENS	21928.88
BEAM EFFICIENCY	43.86%
FIELD LUMENS	30582.23
FIELD EFFICIENCY	61.16%
SPILL LUMENS	600.90
TOTAL LUMENS	31183.13
TOTAL EFFICIENCY	62.37%

CFL-400MH - 36000 LUMEN E28 CLEAR LAMP

IES NEMA TYPE	7 H x 7 V
MAXIMUM CANDELA	8262
MAXIMUM CANDELA ANGLE	25 H 45 V
HORIZONTAL BEAM ANGLE (50%)	99.1
VERTICAL BEAM ANGLE (50%)	119.8
HORIZONTAL FIELD ANGLE (10%)	141.5
VERTICAL FIELD ANGLE (10%)	143.5
TOTAL RATED LAMP LUMENS	36000
BEAM LUMENS	18419.44
BEAM EFFICIENCY	51.17%
FIELD LUMENS	22354.19
FIELD EFFICIENCY	62.09%
SPILL LUMENS	285.99
TOTAL LUMENS	22640.18
TOTAL EFFICIENCY	62.89%