

APPLICATIONS

The COMPACT CUBE® SURFACE/"CCS" for Biax and PL lamps is a high performance surface compact fluorescent downlight. The development of the compact fluorescent lamps and the resulting increase in lumen output have provided new possibilities for reducing the size of the fixture itself.

With these specially designed compact cubes, LEGION puts the user in a position to benefit from the best possible advantages of the new compact fluorescent lamps. Well suited for Stores, Banks, Offices, Corridors, Lobbies, Hotels, Restaurants and Display Areas.



SPECIFICATIONS

HOUSING: Die formed of 20 ga. cold rolled steel, rigidly fabricated, and electrically welded throughout to insure true and perfect alignment.

REFLECTOR/COMPONENT PLATE: Die-formed of 20 ga. steel and mounted securely to fixture housing. Removal allows access to the ballast and sockets for ease of maintenance and installation. Secured in place with four screws and keyhole slots in the plate which allows installation and removal without removing the screws.

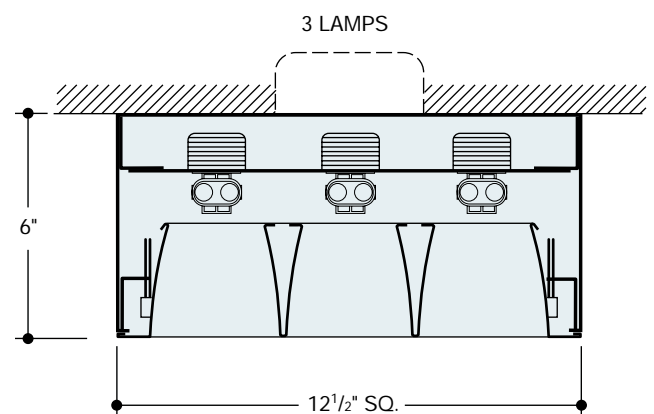
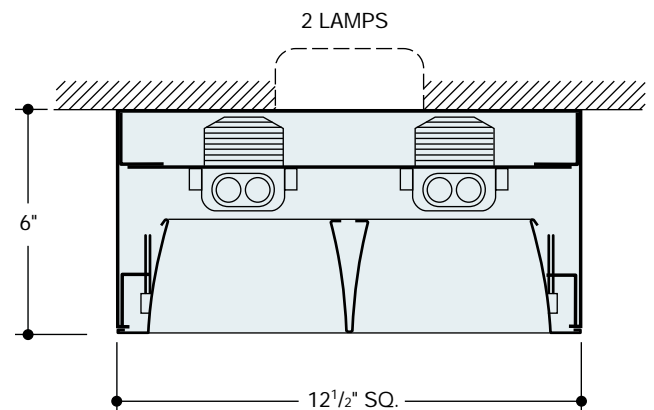
ELECTRICAL: Single and / or Two or Three lamp ballast for Octron, Twin Tube, Quad Tube and 2D lamps, for 118 volt 60 Hz operation, class "P", (consult factory for other voltages and frequencies).

MOUNTING: For surface mounting, center knockouts provided for feed and 4-1/4" dia. holes on 8" x 8" centers for tie-up to ceiling.

DIFFUSER: Retained in place for correct optical positioning by means of torsion springs, permitting ease of access for relamping and servicing by pulling down on diffuser. SEE SHIELDING MEDIA for diffusers available.

FINISH: All steel component parts are completely protected against rust and discoloration after fabrication through an automated conveyorized multi-stage phosphate bonding process. Finished with an electrostatic baked white polyester thermosetting powder coating. This electronic computer controlled integrated system assures consistent 88%+ reflectance efficiency and maximum durability.

CERTIFICATION: The COMPACT CUBE® SURFACE/"CCS" compact downlight is U.L. and C.U.L. listed and bears the label of the I.B.E.W./AFL-CIO, Local #3. Optionally U.L. and C.U.L. listed for Damp Location "DL".



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ORDERING DATA

Cat. No.	No. and Type Lamps	Socket Base	Wt.	Adjustable Diffusers
5411-216 OCT	2-FBO16-U-OCT	Med.Bi-Pin	12	PB4 PB9 AP12 AP16 PAFIIA PAFIVA PAFA PL3A PL5A PLA AL K19A RFA Add suffix to catalog no. See shielding Media
5411-2BX13	2-13W/T4/Twin	GX23	12	
5411-3BX13	3-13W/T4/Twin	GX23	13	
5411-2BX18	2-18W/10T5/Twin	2G11	12	
★ 5411-2F18QC	2-18W/6T4/Quad	G24q-2	12	
★ 5411-3F18QC	3-18W/6T4/Quad	G24q-2	12	
★ 5411-2F26QC	2-26W/7T4/Quad	G24q-3	13	
★ 5411-3F26QC	3-26W/7T4/Quad	G24q-3	14	
5411-12D28	1-28W/8/2D	GR10q-4	12	
5411-12D38	1-38W/8/2D	GR10q-4	12	

★ Not available with PB4 and PB9 3" deep louvers. Consult factory for availability with 2" deep PB4/2 & PB9/2 louvers.

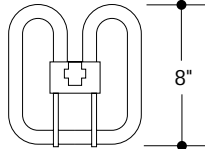
OCTRON™ is a registered trademark of Sylvania Lighting, BIAX™ of G.E. Lighting.

OPTIONS

Suffix "EM" after cat. no. for emergency battery pack.
 Suffix "DL" after catalog no. for damp location, 50°F Ballast
 †† Suffix "LT" after catalog no. for low temperature ballast, 0°F Ballast.
 Suffix "ESB/EBX" Electronic BIAX Ballast. Consult factory for availability.

†† 1-F282D and F382D G.E. 2D 4-pin compact.cccc

The 2D lamps' unique shape and size give it a new dimension in design flexibility






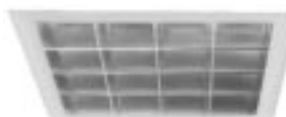

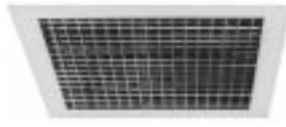
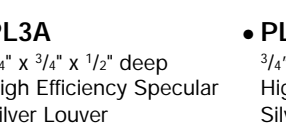
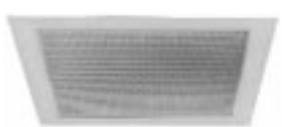



1-28 watt
 2D Fluorescent, 2050 Lumens, replaces 100W incandescent

1-38 watt
 2D Fluorescent, 2850 Lumens, replaces 150W incandescent

Long Life

All compact fluorescent lamps last 10 to 13 times longer than the incandescent lamps they replace. Longer life means lower maintenance and lamp replacement.

SHIELDING MEDIA

	PB4 - 4 cell 5 1/2" x 5 1/2" x 3" deep ★★ Semi-specular anodized aluminum		PB9 - 9 cell 3 5/8" x 3 5/8" x 3" deep ★★ Semi-specular anodized aluminum
	AP12 - 12 cell 3 5/8" x 2 3/4" x 1 1/2" deep ★★ Semi-specular anodized aluminum		AP16 - 16 cell 2 3/4" x 2 3/4" x 1 1/2" deep ★★ Semi-specular anodized aluminum
	PAFIIA 1 1/2" x 1 1/2" x 1" deep Specular Silver Louver		PAFIVA 3/4" x 3/4" x 1/2" deep Specular Silver Louver
			PAFA 5/8" x 5/8" x 1/2" deep Specular Silver Louver
			PL3A 3/4" x 3/4" x 1/2" deep High Efficiency Specular Silver Louver
			PL5A 3/4" x 3/4" x 3/8" deep High Efficiency Specular Silver Louver
	PLA 1/2" x 1/2" cube, white Acrylic Plastic Louver		RFA Acrylic Plastic Refractor
	AL 1/2" x 1/2" cube, white Aluminum Louver		K19A .160" Thick Acrylic Plastic Refractor

- ★★ Low iridescence aluminum is recommended for use with Octron, Biax, and other tri-phosphor lamps.
- Specular Silver Trim Frame
- Matte White Aluminum Trim Frame.
- ★ Not recommended for F18Q & F26Q Quad lamps. See Ordering Data.

Information supplied primarily for illustrative purposes, subject to change. Consult factory for verification and minimum quantity orders.
 PHOTOMETRIC DATA AVAILABLE - CONSULT FACTORY