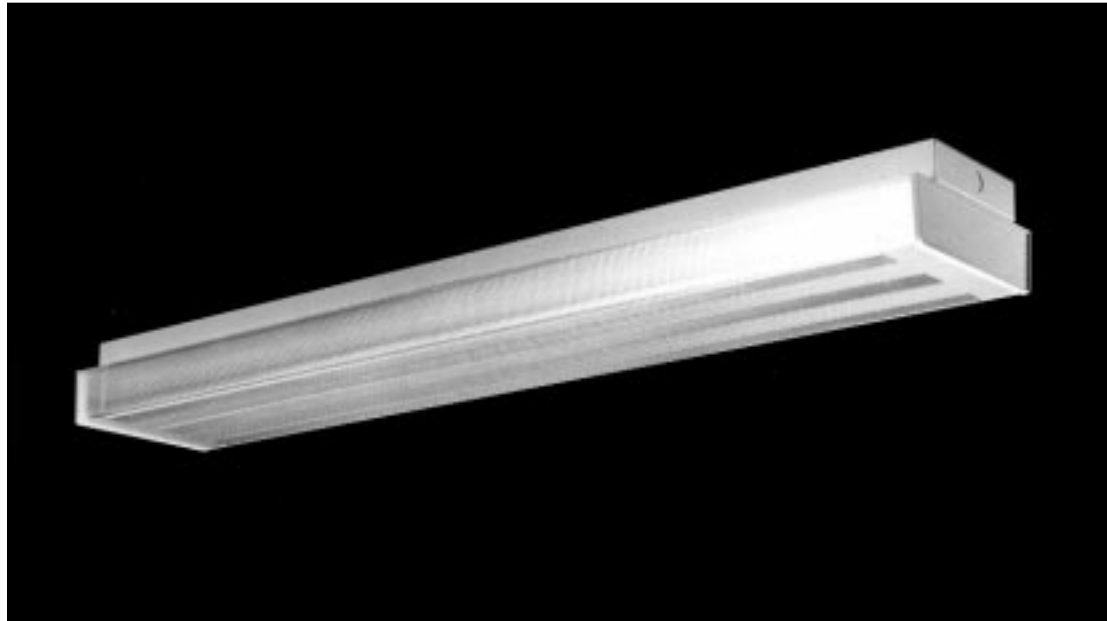


APPLICATIONS

The essential function of a lighting unit is to provide effective illumination. We believe that proper lighting creates a harmonious blending of this functional and decorative atmosphere. Versatility provides the solution to any performance or budget requirements for offices, stores, schools, residences and public buildings.



SPECIFICATIONS

CONSTRUCTION: Die formed of 20 gauge cold rolled prime steel, rigidly fabricated, and electrically welded to insure true and perfect alignment.

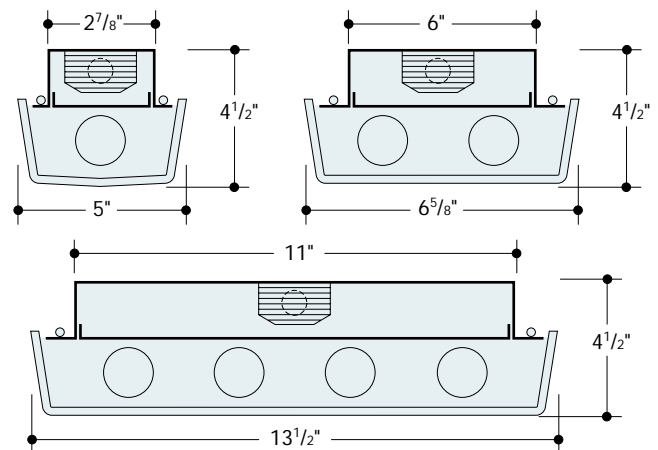
MOUNTING: Installed flush with ceiling surface or stem mounted, singly or in continuous rows. For continuous mounting, end knockouts may be removed and units joined together. Adequate knockouts and holes are provided for mounting and feeds.

ELECTRICAL: Thermally protected Class "P" Energy Saving 265MA-T8 electronic ballasts, 430MA Rapid Start HPF magnetic ballasts for 118 volt 60 Hz operation standard. Other electronic ballasts, other voltages and frequencies available, consult factory (see Options listing).

SHIELDING: Holophane one piece injection molded Controlens of clear virgin acrylic plastic meeting ASTM specifications for Methacrylate molding compounds D-788-567. Material thickness 3/32", the bottom surface covered by three stripes of transverse prisms separated by two strips of conical shaped prisms except at the ends where it is covered completely by conical prisms. Sidewalls have horizontal light splitting prisms on the inside and vertical prisms and flutes on the outside. End caps are of high impact acrylic and cemented to the ends of the lens. Lens assembly is secured to fixture chassis by four spring loaded sliding hinge pins (one at each corner) which engage non breakable pockets molded into the inner surface of the end caps. Hinges from either side for ease of installation and maintenance.

FINISH: All steel component parts are completely protected against rust and discoloration after fabrication through an automated conveyerized 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. Exterior finish standard white powder coat. Exterior optionally available finished black powder coat (see Options listing).

CERTIFICATION: The Series 7100 is U.L. and C.U.L. listed and bears the label of the I.B.E.W. / AFL-CIO, Local #3.



Information supplied primarily for illustrative purposes, subject to change. Consult factory for verification and minimum quantity orders.

Controlens®, Registered Trademark of Holophane Corp.

LEGION® is a registered trademark of LEGION LIGHTING CO., INC.

12/02

ORDERING DATA

Cat. No.	No. and Type Lamps	Nominal Dimensions	Wt.
▲ 7100-140-ACP	1-40W-RS-T12	5" x 48 1/2"	18
▲ 7100-140-ACP EBO	1-FO32-OCT-T8		
▲ 7100-132-8T-ACP	2-40W-RS-T12	5" x 97 1/4"	35
▲ 7100-132-8T-ACP EBO	2-FO32-OCT-T8		
7100-240-ACP	2-40W-RS-T12	8 5/8" x 48 1/2"	20
7100-232-ACP EBO	2-FO32-OCT-T8		
7100-240-8T-ACP	4-40W-RS-T12	8 5/8" x 97 1/4"	39
7100-232-8T-ACP EBO	4-FO32-OCT-T8		
7100-340-ACP	3-40W-RS-T12	13 1/2" x 48 1/2"	34
7100-332-ACP EBO	3-FO32-OCT-T8		
7100-340-8T-ACP	6-40W-RS-T12	13 1/2" x 97 1/4"	65
7100-332-8T-ACP EBO	6-FO32-OCT-T8		
7100-440-ACP	4-40W-RS-T12	13 1/2" x 48 1/2"	36
7100-432-ACP EBO	4-FO32-OCT-T8		
7100-440-8T-ACP	8-40W-RS-T12	13 1/2" x 97 1/4"	70
7100-432-8T-ACP EBO	8-FO32-OCT-T8		

▲ Available on special order, consult factory for min. quantity and availability.
OCTRON™ is a trademark of Sylvania Lighting.

OPTIONS

Suffix "DIM" after catalog no. for dimming ballast.
Suffix "LT" after catalog no. for cold weather ballast.
Suffix "DL" after catalog no. for damp location.
Suffix "EM" after cat. no. for emergency battery pack, and see price list for types.
Suffix "BLK" after catalog no. for black powder finish exterior housing.

ENERGY SAVING BALLASTS Where applicable (consult factory).
Suffix "ESB" after catalog number, then / and one of the following:

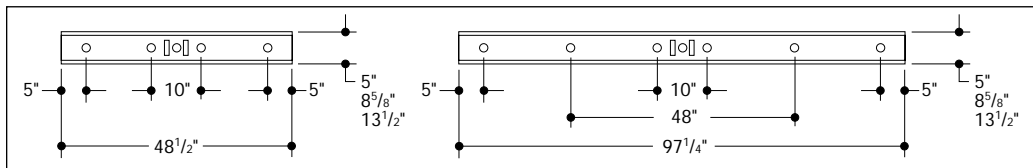
MAGNETIC

"SLH" - Superlow Heat T12 Ballast
"PRE" - Premium III T12 Ballast
"OCT" - Octron T8 Ballast

ELECTRONIC

"EB" - Electronic T12 Ballast
"EBO" - Electronic T8 Octron Ballast
"EBD" - Electronic T12 Dimming Ballast
"EBDO" - Electronic T8 Dimming Ballast

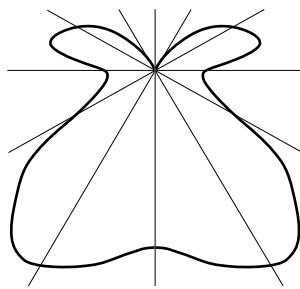
BACK PLANS



PHOTOMETRICS

CAT. NO. 7100

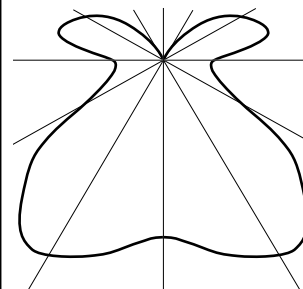
(1)F40/T12/CW/RS
3110 LUMENS EA.



Floor	20%						0%
	80%			50%			0%
Ceiling							
Walls	50%	30%	10%	50%	30%	10%	0%
ZONAL CAVITY METHOD							
1	.73	.70	.67	.63	.61	.59	.46
2	.64	.59	.56	.55	.52	.49	.39
3	.57	.51	.47	.50	.46	.42	.34
4	.51	.45	.40	.44	.40	.37	.30
5	.45	.39	.35	.40	.35	.32	.26
6	.41	.35	.30	.36	.31	.28	.22
7	.37	.30	.26	.32	.27	.24	.20
8	.33	.27	.23	.29	.24	.21	.17
9	.30	.24	.20	.26	.21	.18	.14
10	.27	.21	.17	.24	.19	.16	.13

CAT. NO. 7100

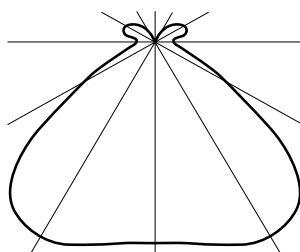
(2)F40/T12/CW/RS
3110 LUMENS EA.



Floor	20%					
	80%			50%		
Ceiling						
Walls	50%	30%	10%	50%	30%	10%
ZONAL CAVITY METHOD						
1	.71	.68	.66	.63	.61	.60
2	.63	.59	.55	.57	.54	.50
3	.56	.51	.49	.51	.47	.44
4	.51	.45	.41	.46	.42	.38
5	.45	.40	.35	.41	.37	.33
6	.41	.35	.31	.37	.33	.29
7	.37	.31	.27	.34	.29	.26
8	.33	.27	.24	.30	.26	.22
9	.30	.24	.20	.27	.23	.19
10	.27	.21	.18	.25	.20	.17

CAT. NO. 7100

(4)F40/T12/CW/RS
3110 LUMENS EA.



Floor	20%						0%
	80%			50%			0%
Ceiling							
Walls	50%	30%	10%	50%	30%	10%	0%
ZONAL CAVITY METHOD							
1	.65	.63	.61	.59	.58	.56	.49
2	.58	.55	.52	.53	.51	.48	.42
3	.52	.48	.44	.48	.45	.42	.37
4	.47	.42	.38	.43	.39	.37	.33
5	.42	.37	.33	.39	.35	.32	.28
6	.38	.33	.29	.35	.31	.28	.25
7	.34	.29	.26	.32	.27	.25	.22
8	.31	.26	.22	.28	.24	.21	.19
9	.28	.23	.19	.26	.21	.18	.16
10	.25	.20	.17	.23	.19	.16	.14

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