

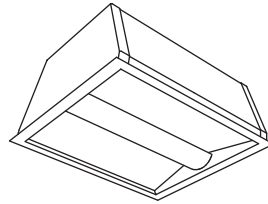
PureFX[®] Micro



Recessed Micro

1'x1'

1 CFL (42W)



Project Name

Spec Type

Notes

Order Guide

Some combinations of product options may not be available. Consult factory for assistance with your specification.

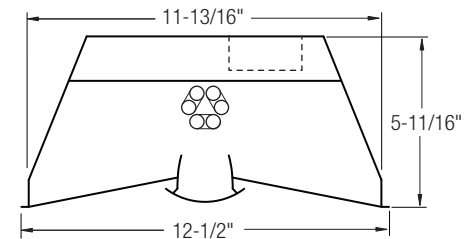
9411			C142	-		-		-		-	
Product Series & Size PureFX Micro 1'x1'	Version D1 Standard T-Grid or Drywall	Configuration ST Standalone	Lamping 1 CFL (42W) TRT/GX-24q-3/4	Housing S Standard (22ga.) N New York (20ga.) C Chicago Plenum	Wiring 1 1 cct 5 1 cct w/ Battery Pack 7 1 cct Dimming	Voltage 1 120V 2 277V 3 347V*	Ballast E Standard Ballast	<p>*Note: Some options may not be available for each configuration. Consult factory for details.</p> <p>Consult website for complete list of standard wiring options</p> <p>Consult Ledalite for ballast manufacturer information</p>			
See details on reverse											

Upgrades & Accessories

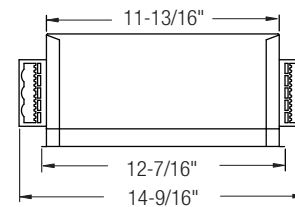
Please indicate with check mark.

- Lamps Included
- Hanger Kit
See details on reverse

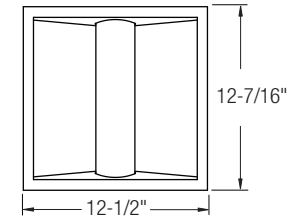
Cross Section



Side View



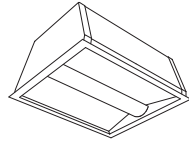
Side (Housing)



Top (Lens Frame)

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1 CFL (42W)



Photometry

Report Summary

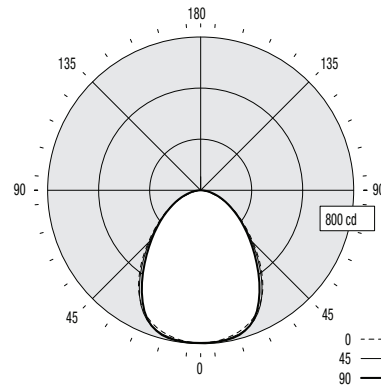
Report # LTL13478
Filename 9411D1C142.ies
Efficiency 52.9%

Spacing Criteria 1.2 @ 0° along
1.2 @ 90° across

Meets RP-1-04 recommendations for VDT-Intensive spaces

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	797	797	797	797	797	77
5	793	795	796	797	797	218
15	766	771	777	781	782	321
25	698	704	707	701	696	341
35	564	564	553	533	526	292
45	389	385	377	367	362	218
55	248	245	242	240	238	141
65	142	141	141	143	144	69
75	55	58	65	70	72	17
85	6	10	14	16	17	
90	0	0	0	0	0	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0			
	70	50	30	10	70	50	30	10	50	30	10	0	70	50	30	10
0 RCR	63	63	63	63	61	61	61	58	58	58	58	53	53	53	53	53
1	58	56	54	52	57	55	53	52	51	50	46	46	46	46	46	46
2	53	50	46	44	52	49	46	47	44	42	39	39	39	39	39	39
3	49	44	40	37	48	43	40	42	39	36	34	34	34	34	34	34
4	45	40	35	32	44	39	35	38	34	32	30	30	30	30	30	30
5	42	36	31	28	41	35	31	34	31	28	26	26	26	26	26	26
6	39	33	28	25	38	32	28	31	27	25	23	23	23	23	23	23
7	36	30	25	22	35	29	25	28	25	22	21	21	21	21	21	21
8	34	27	23	20	33	27	23	26	23	20	19	19	19	19	19	19
9	32	25	21	18	31	25	21	24	21	18	17	17	17	17	17	17
10	30	23	19	17	29	23	19	22	19	17	16	16	16	16	16	16

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	5497	5364	5275
65	4271	4241	4332
75	2701	3193	3536
85	875	2042	2480

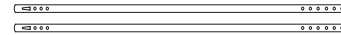
IES files for this and other photometric options can be downloaded online at www.ledalite.com

Additional Information

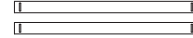
Optional Hanger Kit

Kit includes:

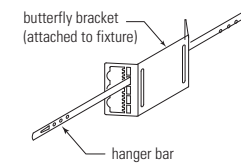
2x 27" hanger bars



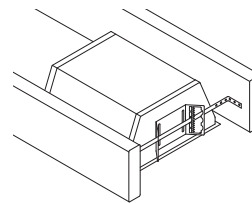
2x redirection bars*



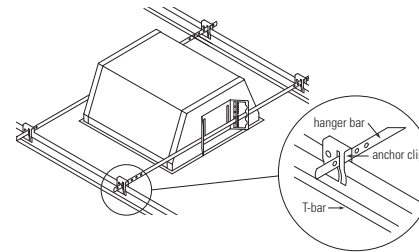
4x T-bar anchor clips



Mounted to Joists



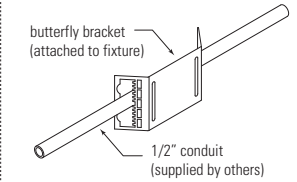
Mounted to T-Bar Grid



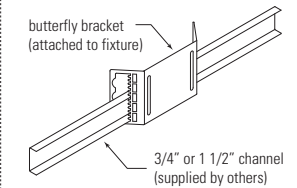
*If required, redirection bars enable mounting 90° from fixture's default orientation

Alternate Mounting Methods

Conduit



Channel



Specifications

Due to continuing product improvements, Ledalite reserves the right to change specifications without notice.

Housing

Die-formed, post-painted, 22 gauge cold-rolled steel (New York City version is 20 gauge).

Weight

Maximum 7.1 lb.

Optical System

Optical assembly consists of flat acrylic panels and extruded curved acrylic lens. A protected MesoOptics[®] film layer creates optimal light distribution and high efficiency. The optical frame is constructed from die-formed, spot-welded, 22 gauge cold-rolled steel assembled together with extruded aluminum profiles in a sturdy frame. The frame allows tool-free access to the inside of the fixture by way of expansion springs. Maintenance can be performed from below the ceiling.

Mounting

Fixture is compatible with most common T-bar ceiling types and non-accessible ceilings. Butterfly mount brackets (attached to housing) are designed to work with optional hanger kit, or with EMT conduit or metal channel (supplied by others). Brackets allow post-installation adjustment of fixture height. Optional hanger kit includes hanger bars, T-bar anchor clips and redirection bars to enable mounting 90° from the fixture's default orientation.

Ballast

Electronic. Supplied with pre-installed ballast disconnects as per changes to the National Electric Code.

Wiring

Multiple wire entrances are available (top or side) to allow easy wiring access. Available with battery pack. Consult factory for details.

Approvals

Certified to UL & CSA Standards.
City of Chicago Approved CCEA (housing option C).
Designed to comply with NYC code requirements (Housing Option N).

Finish

Housing and frame are post-painted, high quality powder coat. Available in white only.

IMPORTANT: Fixtures are rated for non-IC installations only. Do not install insulation within 3" (76 mm) of any part of the luminaire.