

# IceTray<sup>®</sup> Rectangular Direct Wall T8

Type:

Project:

## SPECIFICATIONS

Wall Mount — Modular / 4" x 6"

IRDW8

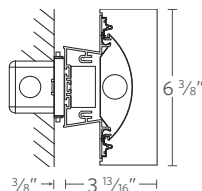
## CATALOG NUMBER

FT

Examples: IRDW8 1 32 OPI 40FT R12 277 GEB10 SCT LP735 C100 — IRDW8 1 32 OPI 32FT R8 277 GEB10 1SE EL SCT LP735 C041

## AVAILABLE FIXTURES

### □ IRDW8 - 1 Wall Mount



## SPECIFICATIONS

### Construction

Nominal 4" x 6" with extruded aluminum spine and nominal four foot one-piece aluminum baffle assemblies. Steel and die cast aluminum sculptured endcap.

### Reflectors

White painted center reflector (nominal 90% reflectance).

### Shielding

Straight blade baffles with intermediate brightness opal acrylic diffuser overlay.

### Finish

Satin anodized or white polyester powder paint. Satin anodized finish consists of satin anodized housing, clear coated aluminum baffles and end caps painted C110 to match. Note that clear coated aluminum baffles retain the slight imperfections and characteristics of the raw aluminum source material. Custom colors available, consult factory.

### Electrical

Specify 120, 277 or 347 volts. Pre-wired with 16AWG fixture wire. For special circuiting or wire gauge, consult factory. Quick connect electrical connectors included. C-UL label standard.

### Fixture Length

4', 8', and 12' lengths in a single section for exact suspension spacing of 4', 8' and 12'. For total fixture length, add 1 1/4" for each endcap. Using internal joiners 4', 8', and 12' sections can be joined to form longer rows.

## ORDERING LOGIC

Use guide below to order complete fixture runs from four feet (nominal) to one-hundred feet in increments of four. 2' and 3' sections available. For additional row length increments, consult factory for details.

FT								
Fixture	# of Lamps in Cross Section	Lamp Type	Baffle Type	Overall Row Length <sup>1</sup>	Maximum Section Length	Voltage	Ballast Type	# of Emergency Modules
IRDW8	1	32	OPI Intermediate Brightness Opal Diffuser (recommended) OPD Standard Brightness Opal Diffuser		R4 R8 R12	120 277 347	GEB10 <10% THD ELECTRONIC ADEZ <sup>2</sup> Advance Mark 10 dimming ECO10 <sup>2</sup> Lutron ECO-10 dimming ADZT <sup>2</sup> Advance Mark 7 0-10v dimming <i>Reference <a href="#">Ballast Chart</a> on website or consult factory for other options.</i>	(Blank) None 1SE 1 Section 2SE 2 Sections XSE X Sections
Emergency Type <sup>3</sup>		Switching	Lamp Color	Finish		Options		
(Blank) None		SCT Single Circuit	L/LP No Lamp LP730 3000K 70+ CRI LP735 3500K 70+ CRI (Standard) LP741 4100K 70+ CRI LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP841 4100K 80+ CRI <i>Reference <a href="#">Lamp Chart</a> on website or consult factory for other options.</i>	C041 White White (Low Gloss) C100 Satin Anodized Finish C099 Custom Color		DL Damp Location Label ELH EM through wire w/ separate feed ELS EM through wire w/ single feed ELS2 Normal Feed w/EM Separate Neutral GLR Fusing (fast blow) GMF Fusing (slow blow) NYC New York City Code		
EL Emergency Battery Pack								
EC Emergency/Night Light Circuit								
EN Emergency Battery Pack with Night Light Circuit								

### Notes:

- Must be in 4' increments (consult factory for additional increments).
- Not available in 347 volt.
- Emergency type is installed in last 4' of fixture sections. Separate feed required unless ELS or ELS2 is specified.

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**PHOTOMETRICS**

Wall Mount — Modular / 4" x 6"

**IRDW8**

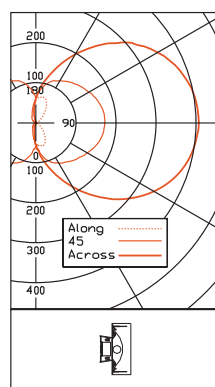
## 1-LAMP T8

FAR-FIELD PHOTOMETRY

DATE: 3-12-2009

REPORT NUMBER: 7873

CATALOG NUMBER: IRDW8-1-32-OPI  
LUMINAIRE: 6 1/2"W x 5 7/8"H RECTANGULAR WALL MOUNT LIGHT WITH  
WHITE PAINTED REFLECTOR AND INTERMEDIATE BRIGHTNESS OPAL DIFFUSER  
LAMP(S): F32/SP35 RATED @ 2850 LUMENS  
BALLAST: QTP 1X32T8/UNV-1SN SC  
MOUNTING:  
LUMEN TO CANDELA RATIO USED = 9.15  
TOTAL INPUT WATTS = 31.2 AT 120.0 VOLTS  
THE 0 DEGREE PLANE IS PERPENDICULAR TO THE LAMPS.



CANDELA DISTRIBUTION					FLUX
0.0	45.0	90.0	135.0	180.0	
0	55	55	55	55	6
0	69	66	63	43	35
15	114	95	61	30	13
25	160	111	54	19	2
35	214	121	37	13	0
45	271	133	22	10	1
55	321	145	10	9	0
65	362	155	5	4	0
75	390	166	0	2	0
85	404	170	0	0	0
90	407	172	0	0	0
95	405	172	1	2	0
105	394	168	4	4	0
115	368	158	7	6	0
125	332	148	15	10	0
135	281	137	25	14	0
145	225	126	44	18	0
155	170	115	60	23	2
165	120	101	67	35	15
175	79	75	63	50	44
180	61	61	61	61	61

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	54	1.9	5.2
0-40	98	3.4	9.5
0-60	227	8.0	22.0
0-90	505	17.7	49.0
90-120	285	10.0	27.7
90-130	359	12.6	34.9
90-150	467	16.4	45.4
90-180	526	18.4	51.0
0-180	1030	36.2	100.0

TOTAL LUMINAIRE EFFICIENCY = 36.2 %  
CIE TYPE = GENERAL DIFFUSE

APPROVED BY:

