

## FilmTech Advantage

Our complete line of Eco Series fixtures use our multi-patented optical film lens and reflector technology which creates uniquely soft diffused indirect light, blended with sophisticated architecture. Along with superior light quality, our FilmTech enables us to create industry leading efficacies and energy savings.

## Key Features

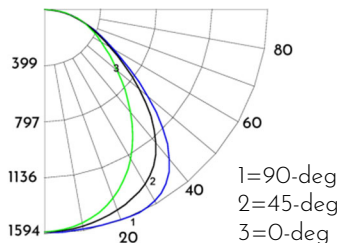
- Highest rated DLC efficacy in-class
- Up to 167 lm/w
- Soft diffused indirect light
- Low glare, fully luminous aperture
- Sealed bug resistant lenses
- Advanced heat sink technology
- Field removable electronics module for fast upgrade/repair
- Custom sizes for nearly any troffer: legacy, 20x60, metric, air return etc.
- About a 5 minute installation.



## Photometry

### Zonal Lumens

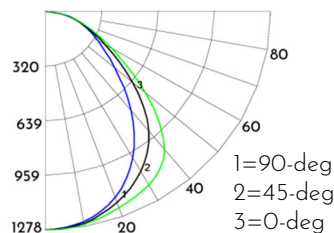
Zone	Lumens	%Fixt
0-20	586.93	14.00
0-30	1259.32	30.00
0-40	2075.45	49.40
0-60	3474.98	82.70
0-80	4129.21	98.30
0-90	4201.42	100.00



**Fixture:** EW-R-24-48-28W-WE-42L-CT41-D-120-X  
**CCT:** 4100K  
**Lumens:** 4201  
**Efficacy:** 152 lm/w  
**CRI:** 83  
**Spacing:** S/MH: 1.4 SC (Along): 1.2 SC (Across): 1.4

### Zonal Lumens

Zone	Lumens	%Fixt
0-20	468.23	14.60
0-30	994.35	31.00
0-40	1622.14	50.60
0-60	2673.05	83.30
0-80	3157.85	98.40
0-90	3208.8	100.00



**Fixture:** EW-R-24-24-21W-WE-32L-CT41-D-120-X  
**CCT:** 4100K  
**Lumens:** 3209  
**Efficacy:** 151 lm/w  
**CRI:** 83  
**Spacing:** S/MH: 1.2 SC (Along): 1.4 SC (Across): 1.4

IL-EWV-DS-06/19

## Details

**Optics** - Our optical film technology (15 patents) utilizes 96% transmissive lens film with micro-structured surfaces which are able to control and direct light. This creates highly diffused light that also has low glare. Our reflection film further spreads and diffuses light with 98% efficiency. Together they create soft low glare fully lit apertures with a visually comfortable, quiet appearance.

### Construction

- Sturdy aluminum extruded frame secures a high performance optical film diffuser and reflectors
- Advanced heat sink technology provides unparalleled thermal management
- Customizable sizes for non standard ceiling grids and host troffers

### Thermal

- Advanced aluminum heat sinking

### Electrical

- Up to 167 lm/w
- Quick change field replaceable driver modules
- Optional 347V drivers
- Standard 0-10V, PWM Dim
- Customized lumen packages

**Rated Life** - 66,000+ hours L70 TM21

### Mounting

- Intended for installation in most recessed troffers for lay-in ceiling applications
- Seismic straps (optional)

### Installation

- Installs in under 5 minutes
- Driver enclosure installs quickly with one screw
- Fixture attaches into host troffer with push-in side rails and end trim

### CCT

- 3000k (option) 3500K, 4100K, 5000K

### Available Options:

- Emergency Battery Backup
- Customer Requested Driver (subject to order minimums)
- 95 CRI with 95% R9
- Safety Harness
- Master/Satellite Wiring
- Custom Driver

**Rating** - ETL Certified, DLC Certified

**Weight** - 2.5 lbs. 2x2, 4.5 lbs. 2x4

**Warranty** - 5 year limited

**MADE IN CANADA**

## ORDERING GUIDE

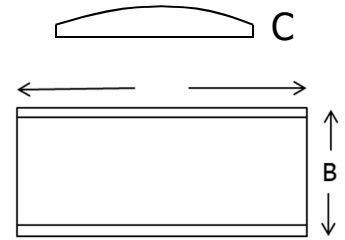
FEATURES	CODE	OPTIONS	DESCRIPTION
<b>Model</b>	<input type="text"/>	<b>EW</b>	Ecowing
<b>Series</b>	<input type="text"/>	<b>R</b>	Fixture-In-Fixture Retrofit
<b>Width</b>	<input type="text"/>	<b>12</b> <b>20</b> <b>24</b>	12" 20" 24"
<b>Length</b>	<input type="text"/>	<b>24</b> <b>48</b>	24" 48"
<b>Wattage</b>	<input type="text"/>		See models chart.
<b>Driver Mounting</b>	<input type="text"/>	<b>WE</b> <b>BC</b>	Wiring Enclosure Re-use existing ballast cover
<b>Nominal Lumens</b>	<input type="text"/>	<b>26L</b> <b>32L</b> <b>42L</b> <b>50L</b>	2600 lm 3200 lm 4200 lm 5000 lm Please see compatibility note. Custom tuned outputs up to 5500 lm <b>available on request.</b>
<b>CCT</b>	<input type="text"/>	<b>CT30</b> <b>CT35</b> <b>CT41</b> <b>CT50</b>	3000k (option) 3500k 4100k 5000k
<b>Control</b>	<input type="text"/>	<b>D</b>	Standard Dim (0-10V, PWM, Trim Pot)
<b>Voltage</b>	<input type="text"/>	<b>120</b> <b>347</b>	100 - 277 V 100 - 347 V
<b>Options</b>	<input type="text"/>	<b>X</b> <b>SH</b> <b>EBB</b> <b>DR</b> <b>MS</b> <b>CRI</b>	No Options Safety Harness Emergency Battery Backup Driver Upgrade Master/Satellite Wiring 95 Cri With 95% R9

ECOWING-R	2600L	3200L	3500L	4200L	5000L	5500L
2x4		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
2x2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
20"x48"				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1x4		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Consult your sales representative for lead times.

## MODELS

MODEL	NOM. LUMENS	LM/W	WATTS	CCT
EW-24-48-37W-XX-50L-CT35-D-120-XXXX	5000	139	37	3500
EW-24-48-34W-XX-50L-CT41-D-120-XXXX	5000	147	34	4100
EW-24-48-33W-XX-50L-CT50-D-120-XXXX	5000	153	33	5000
EW-24-48-29W-XX-42L-CT35-D-120-XXXX	4200	144	29	3500
EW-24-48-28W-XX-42L-CT41-D-120-XXXX	4200	152	28	4100
EW-24-48-27W-XX-42L-CT50-D-120-XXXX	4200	158	27	5000
EW-24-24-29W-XX-42L-CT41-D-120-XXXX	4200	143	29	4100
EW-24-24-28W-XX-42L-CT50-D-120-XXXX	4200	149	28	5000
EW-24-24-22W-XX-32L-CT35-D-120-XXXX	3200	143	22	3500
EW-24-24-21W-XX-32L-CT41-D-120-XXXX	3200	150	21	4100
EW-24-24-21W-XX-32L-CT50-D-120-XXXX	3200	156	21	5000
EW-24-24-17W-XX-26L-CT35-D-120-XXXX	2600	154	17	3500
EW-24-24-16W-XX-26L-CT41-D-120-XXXX	2600	161	16	4100
EW-24-24-16W-XX-26L-CT50-D-120-XXXX	2600	167	16	5000
EW-20-48-37W-XX-50L-CT35-D-120-XXXX	5000	139	37	3500
EW-20-48-34W-XX-50L-CT41-D-120-XXXX	5000	147	34	4100
EW-20-48-33W-XX-50L-CT50-D-120-XXXX	5000	153	33	5000
EW-20-48-29W-XX-42L-CT35-D-120-XXXX	4200	144	29	3500
EW-20-48-28W-XX-42L-CT41-D-120-XXXX	4200	152	28	4100
EW-20-48-27W-XX-42L-CT50-D-120-XXXX	4200	158	27	5000
EW-12-48-37W-XX-50L-CT35-D-120-XXXX	5080	138	37	3500
EW-12-48-36W-XX-50L-CT35-D-120-XXXX	5000	138	36	3500
EW-12-48-34W-XX-50L-CT41-D-120-XXXX	5000	145	34	4100
EW-12-48-33W-XX-50L-CT50-D-120-XXXX	5000	152	33	5000
EW-12-48-29W-XX-42L-CT35-D-120-XXXX	4200	143	29	3500
EW-12-48-28W-XX-42L-CT41-D-120-XXXX	4200	150	28	4100
EW-12-48-27W-XX-42L-CT50-D-120-XXXX	4200	156	27	5000
EW-12-48-22W-XX-32L-CT35-D-120-XXXX	3200	148	22	3500
EW-12-48-21W-XX-32L-CT41-D-120-XXXX	3200	155	21	4100
EW-12-48-20W-XX-32L-CT50-D-120-XXXX	3200	162	20	5000
EW-24-48-37W-XX-50L-CT35-D-347-XXXX	5000	139	37	3500
EW-24-48-34W-XX-50L-CT41-D-347-XXXX	5000	147	34	4100
EW-24-48-33W-XX-50L-CT50-D-347-XXXX	5000	153	33	5000
EW-24-48-29W-XX-42L-CT35-D-347-XXXX	4200	144	29	3500
EW-24-48-28W-XX-42L-CT41-D-347-XXXX	4200	152	28	4100
EW-24-48-27W-XX-42L-CT50-D-347-XXXX	4200	158	27	5000
EW-24-24-22W-XX-32L-CT35-D-347-XXXX	3200	143	22	3500
EW-24-24-21W-XX-32L-CT41-D-347-XXXX	3200	150	21	4100
EW-24-24-21W-XX-32L-CT50-D-347-XXXX	3200	156	21	5000
EW-24-24-29W-XX-42L-CT41-D-347-XXXX	4200	143	29	4100
EW-24-24-28W-XX-42L-CT50-D-347-XXXX	4200	149	28	5000
EW-20-48-37W-XX-50L-CT35-D-347-XXXX	5000	139	37	3500
EW-20-48-34W-XX-50L-CT41-D-347-XXXX	5000	147	34	4100
EW-20-48-33W-XX-50L-CT50-D-347-XXXX	5000	153	33	5000
EW-20-48-29W-XX-42L-CT35-D-347-XXXX	4200	144	29	3500
EW-20-48-28W-XX-42L-CT41-D-347-XXXX	4200	152	28	4100
EW-20-48-27W-XX-42L-CT50-D-347-XXXX	4200	158	27	5000
EW-12-48-37W-XX-50L-CT35-D-347-XXXX	5080	138	37	3500
EW-12-48-36W-XX-50L-CT35-D-347-XXXX	5000	138	36	3500
EW-12-48-34W-XX-50L-CT41-D-347-XXXX	5000	145	34	4100
EW-12-48-33W-XX-50L-CT50-D-347-XXXX	5000	152	33	5000
EW-12-48-29W-XX-42L-CT35-D-347-XXXX	4200	143	29	3500
EW-12-48-28W-XX-42L-CT41-D-347-XXXX	4200	150	28	4100
EW-12-48-27W-XX-42L-CT50-D-347-XXXX	4200	156	27	5000
EW-12-48-22W-XX-32L-CT35-D-347-XXXX	3200	148	22	3500
EW-12-48-21W-XX-32L-CT41-D-347-XXXX	3200	155	21	4100
EW-12-48-20W-XX-32L-CT50-D-347-XXXX	3200	162	20	5000



Format	Faceplate Width B	Faceplate Length A	Depth C
4' Length	9" to 21.25"	45.9375"	2.625"
2' Length	9" to 21.25"	21.9375"	2.625"

Canadian Sales: [cdnsales@illumisoftlighting.com](mailto:cdnsales@illumisoftlighting.com) 888-441-0555 Press #1 

USA Sales: [usasales@illumisoftlighting.com](mailto:usasales@illumisoftlighting.com) 888-441-0555 Press #2 

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