

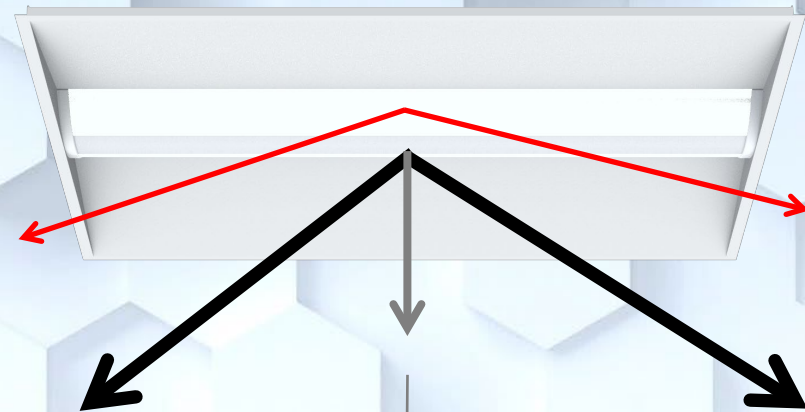
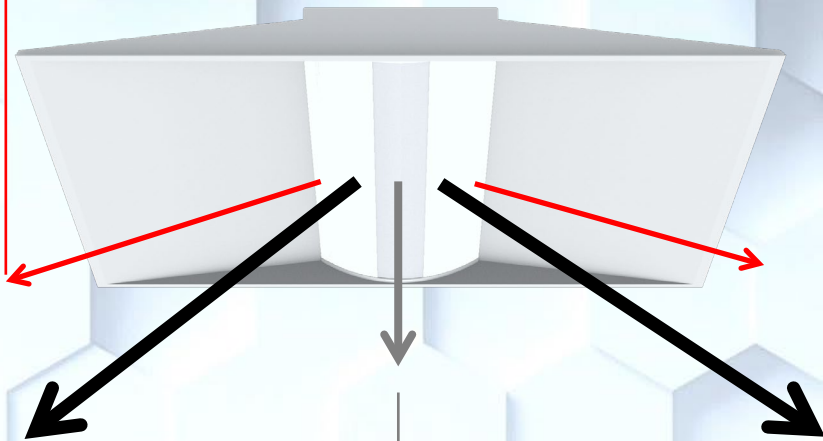


ILLUMISOFT
LIGHTING

Low Glare
Micro -Optical Film Technology

DIMENSIONS

Light in the **glare zone** has a soft cutoff that reduces light levels but eliminates the “cave effect”



The brightest light directly below the fixture is dimmed by being partially reflected back into the fixture and recycled

Diffused light gets evenly distributed around the work plane below the glare zone

Low Glare Micro Optical Film Technology

DIMENSIONS

Features and Specifications

Description

Center basket style troffer. Multi-layered micro-optical film lens and reflector systems provides remarkably soft low glare light distribution, extraordinary efficacy with *unique center basket aesthetics*.

Optics

- Patent Pending multi-layered micro-optical film lens and reflector systems provides partial batwing light distribution from both the 0 and 90 degree planes even on the 2'x4' size.
- Low glare optics provide unprecedented efficacy up to 142 lm/w
- Wide angle distribution allows wider spacing for fewer fixtures

Electrical

- 100-277V standard
- Optional 347V LED driver
- Standard 0-10v dimming
- Multiple driver upgrade options
- 5 year limited warranty includes all components



Applications

For new construction or remodel with suspended ceilings

Construction

- Steel shell with white powder coat after assembly provides no unpainted edges
- Ultra-shallow depth of 1.75"
- Sealed lens system design for maintenance free fixture life
- Seismic clips included

Options

- Master/Satellite wiring certified
- Emergency battery backup
- Whips available

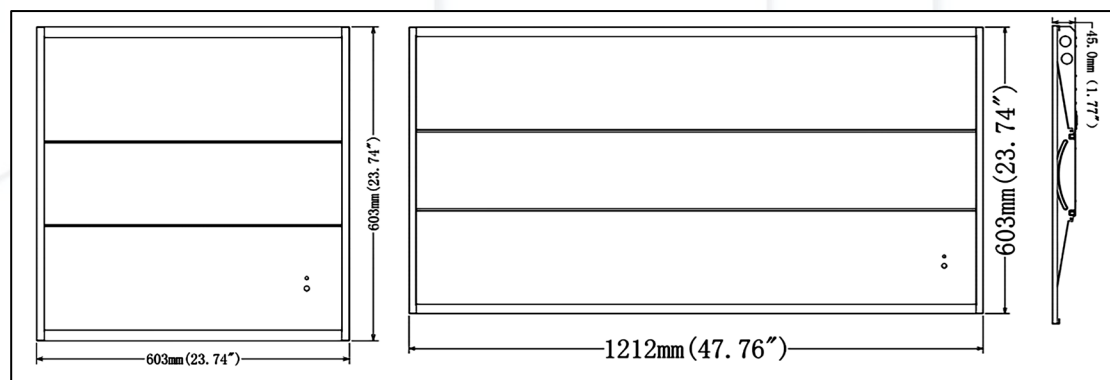
Rated Life

- 66,000+ hours L70 TM-21

Installation

- Standard new construction
- Drop ceiling installation

MADE IN CANADA



Photometry

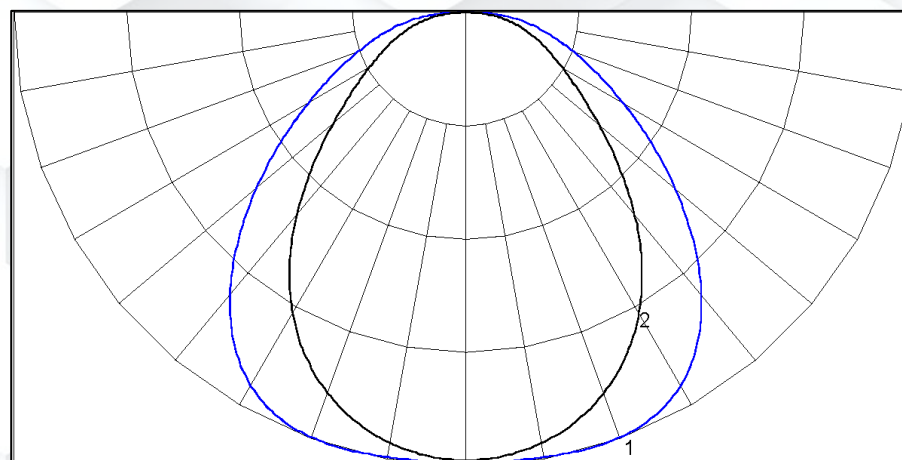
Fixture: DM-V-24-48-36W-I-50L-CT41D-120X CCT: 4100K Lumens: 4849 Efficacy: 141 lm/w CRI: 83

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4849
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	141
Total Luminaire Watts	34.39
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.40
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	3.81 ft
Luminous Width (90-270)	0.56 ft
Luminous Height	0.10 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6193	6906	7983
55	4859	5381	6482
65	4267	4216	5136
75	4163	3500	4182
85	3505	2605	2771



ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	176.07
10-20	511.88
20-30	785.89
30-40	920.98
40-50	862.55
50-60	677.07
60-70	480.27
70-80	309.16
80-90	124.68

ORDERING GUIDE

FEATURES	CODE	OPTIONS	DESCRIPTION
<i>Model</i>		DM-V	Dimensions
<i>Width</i>		12 24	12" 24"
<i>Length</i>		24 48	24" 48"
<i>Wattage</i>		XXW	See Model Chart For Wattage
<i>Driver Mounting</i>		I	Integral
<i>Nominal Lumens</i>		32L 42L 50L	3200 lm 4200 lm 5000 lm
<i>CCT</i>		CT35 CT41	3500k 4100k
<i>Control</i>		D	Standard Dim (0-10V, PWM, Trim Pot)
<i>Voltage</i>		120 347	100 – 277 V 100 - 347 V
<i>Options</i>		X EBB MS	No Options Emergency Battery Backup Master/Satellite Wiring



DIMENSIONS



Canadian Sales:

cdnsales@illumisoftlighting.com
888-441-0555 Press #1



USA Sales:

usasales@illumisoftlighting.com
888-441-0555 Press #2

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