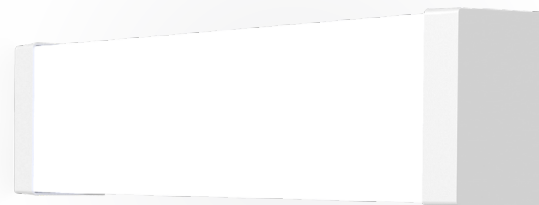


DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

## FEATURES

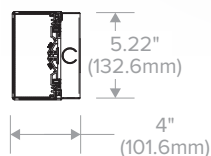
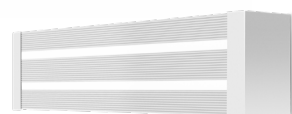
- Simplistic modular design with interchangeable lenses and end caps
- Available in semi-recessed, flush mount and direct/indirect configurations
- Easy removal of lens allows access to electrical components for modular replaceability
- Luminaire installs in three easy steps without disassembling the fixture
- Slender profile meets ADA requirements for wall mounted product
- Wide lumen package offering for a variety of wall mount applications including stairwell, corridor, and vanity
- Best in class efficacy and reduced input wattage; excellent energy savings compared to legacy fluorescent products



CWM with FR lens and FA end cap options



## CONTROL TECHNOLOGY

Surface Mount Cross Section (FR, SB, SF lenses)  
See additional dimensions on pages 5–6

CWM with DIS lens and FA end cap options

## SPECIFICATIONS

### CONSTRUCTION

- The luminaire chassis is designed from anodized extruded aluminum
- End caps are injection molded or die cast for a finished appearance and provide smooth edges for ease of handling
- Fixture provides easy access to electrical components via removal of lens and chassis.

### OPTICS

- High efficiency acrylic lens features linear prisms for high performance without glare or pixelation
- Optional 1/8" 3form material can be added as a decorative element or to match existing 3form features in various applications. For custom selections please consult factory

### INSTALLATION

- Semi-recessed or surface mounting options
- Semi-recessed mounting option requires the use of a 4-gang junction box for proper mounting and assembly
- A Snap-Tite conduit adapter is recommended for conduit installation to surface mount option

### CONTROLS

- Optional SpectraSync™ Color Tuning Technology offers a Tunable White solution and integrates seamlessly into a variety of control systems.
- NX Lighting Controls provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments
- NX is available in U.S., Canada and Mexico.

For other locations consult factory

### CERTIFICATIONS

- Built to UL 1598 and 2108 standards and bear appropriate cCSAus labels
- Damp Location labeling is standard
- Emergency equipped fixtures are listed to UL924 standards for emergency situations
- Adheres to LM79, LM80, and TM21 industry standards

### WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	1004–4408
Wattage Range	14–43
Efficacy Range (LPW)	66–123
Reported Life (Hours)	L80/60,000

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

## ORDERING GUIDE

Example: CWM4-40MLSM-FRFP-EDU

CATALOG #	
-----------	--

CWM						
Model	Size	CRI	Color Temp	Delivered Lumens <sup>2</sup>	Mounting	Lens
CWM Contemporary LED Wall Mount	2' 2'	Blank >80	30 3000K	XW 4' (2530) <sup>3</sup>	SM Surface Mount	FR Frosted Rectilinear Lens
	4' 4'		35 3500K	VW 2' (1664), 4' (3239)	SR Semi-Recessed	SB Slotted Lens with Bamboo Insert
			40 4000K	MW 2' (2013), 4' (3633)		SF Slotted Lens with Fabric Insert
			50 5000K	LW 2' (2439), 4' (4273) <sup>4</sup>		DIS Direct/Indirect Straight Aluminum Lens
			2765T 2700K-6500K SpectraSync™ Tunable White <sup>1</sup>	ML 2' (3310), 4' (4831) <sup>5</sup>		DISB Direct/Indirect Straight Aluminum Lens with Bamboo Insert
						DISF Direct/Indirect Straight Aluminum Lens with Fabric Insert
						DIC Direct/Indirect Curved Aluminum Lens
						DICB Direct/Indirect Curved Aluminum Lens with Bamboo Insert
						DICF Direct/Indirect Curved Aluminum Lens with Fabric Insert

End Caps	Driver	U	Options	Control Options <sup>18</sup>
FP Flat Plastic End Caps <sup>6</sup>	E Fixed Output	U 120-277V	ELL14 Emergency Battery Pack, 1400 Lumens <sup>8</sup>	<b><u>NX Networked – Wired</u></b> NXE NX Dual RJ45 SmartPORTs, without Sensor <sup>12,13,14</sup>  <b><u>Third-Party Control Options</u></b> HFU High Frequency Ultra-sonic Occupancy Sensor <sup>12,13,15</sup> OW Occupancy Sensor, Wattstopper <sup>12,13,15,16,17</sup>
FA Flat Aluminum End Caps <sup>7</sup>	ED 0-10V Dimming		GLR Fast Blow Fuse	
WA Aluminum End Caps with Glow Ends <sup>6</sup>	ED1 0-10V 1% Dimming		LVC1 Low Voltage Controller for individual control of the reading function <sup>9,10,11</sup>  LVC2 Low Voltage Controller for individual or sequential control of two (2) independent functions. Use LVC Selection Chart included in this document to complete ordering code (Ex. LVC21, LVC22) <sup>9,10,11</sup>  LVC2D Low voltage controller for up to three (3) functions with one (1) or two (2) functions having 0-10v dimming and the remaining function(s) being controlled independently. Use LVC Selection Chart on next page to complete ordering code (Ex. LVC2D5, LVC2D5M4) <sup>9,10,11</sup>  P4L 4-Pole Pull Switch (mounted to the left as facing the luminaire) <sup>9,10,11</sup>  P4R 4-Pole Pull Switch (mounted to the right as facing the luminaire) <sup>9,10,11</sup>	

## Accessories: Optional Integral Sensors

Cat# Suffix	Sensor Manufacturer	Sensor Function	Dim-To-Off Daylighting	Powerpack included in luminaire housing
<input type="checkbox"/> OW	Wattstopper	Occupancy Sensor	No	Yes
<input type="checkbox"/> HFU	Wattstopper	High Frequency Ultrasonic Occupancy	No	Yes

## Notes:

- 1 Available with ED driver only, N/A with ELL14 (2') or SR (2'&4') options
- 2 Based on the 4000K with FR lens. See CWM Performance Data Sheet for extended lumen data
- 3 XW only available with 4'
- 4 LW with SR mounting not compatible with through wiring on 4' version
- 5 ML not available with SR mounting option. ML Direct/Indirect only available in 2'
- 6 Not available on Direct/Indirect
- 7 Standard for Direct/Indirect
- 8 Battery backup only available with SM mounting option
- 9 LVC and Pull Switch only available with Direct/Indirect lens option
- 10 LVC and Pull Switch available in 120V only
- 11 LVC and Pull Switch available in Surface Mount only

**NX In-Fixture Control Options:**

- 12 NX controls can only be used with NX Sensor options
- 13 Not available with LVC or Pull Switch
- 14 NX is available with ED and ED1 drivers only

**Third-Party Control Options:**

- 15 HFU and OW only available with SM mounting option
- 16 Not recommended for stairwell applications
- 17 Only available with ED driver

**All Controls**

- 18 Minimum ambient temperature: 0°C (32°F)

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ORDERING GUIDE (CONTINUED)

LVC SELECTION CHART

The Low Voltage Controller (LVC) option allows control of the luminaire functions from a patient pillow switch, bed side rail or wall switch with normally-open momentary dry contacts. Depending on the number of modes to be controlled, various control options are available.

Independent	I	Dedicated On/Off control for a single load.
Sequential	S	On/Off Control of two loads by sequentially cycling through them
Step dim	ST	Stepped light levels in 25% increments with each toggle of the low voltage switch.
Smooth dim	SM	Smooth increase in light level from a starting point of 25% by continuing to press the switch. When released, pressed and held again, the light level decreases until the switch is released.

LVC ORDERING CODE	FUNCTION	
	AMBIENT (top compartment)	READING (bottom compartment)
LVC1		I
LVC21	I or S*	I or S*
LVCDST4	ST	I
LVCDST5	I	ST
LVCDST6	ST	ST
LVCDSM4	SM	I
LVCDSM5	I	SM
LVCDSM6	SM	SM

\*The selection of Individual (I) or sequential (S) control is determined by in-field connections at the control(s).

## CONTROLS

### NX Lighting Controls:

Supports both indoor and outdoor applications in a variety of deployment options- wired, wireless, hybrid.  
Integrates with and enables a wide array of luminaires including those with SpectraSync Color Tuning Technology.



NX INTEGRATED CONTROLS REFERENCE									
NX Option	Sensor	Networkable	Scheduling	Occupancy	Daylight Harvesting	0-10V Dimming	On/off Control	Bluetooth® App Programming	Commissioning
<b><u>NX Networked – Wired</u></b>									
NXE	N/A	Yes	Yes	No	No	Yes	Yes	Requires a dongle <sup>1</sup>	On-site

<sup>1</sup> NXBTC/R needs to be plugged into an available SmartPort on the fixture network

### SpectraSync™ Color Tuning Technology:

Control your space based on the needs of the application, specific activities throughout the day and preferences of the occupants with distinct SpectraSync Color Tuning Technologies.



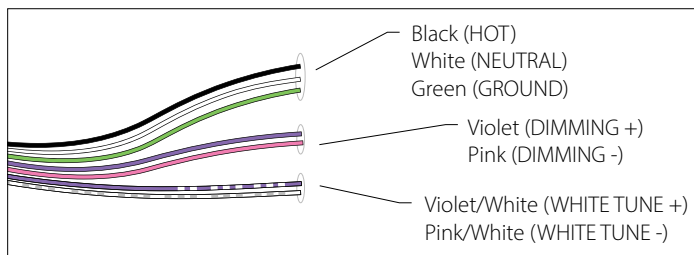
SPECTRASync COLOR TUNING TECHNOLOGY		
Mode	Kelvin Range	Description
Tunable White	2700K–6500K	Offers users the ability to tailor CCT to their personal preference, enhancing task visibility, material and colors or the aesthetics of the space

### SpectraSync Tunable White

Available in 2765T (2700K–6500K).

Requires two 0–10V controllers, one for intensity and one for CCT.

Minimum 5% dimming.

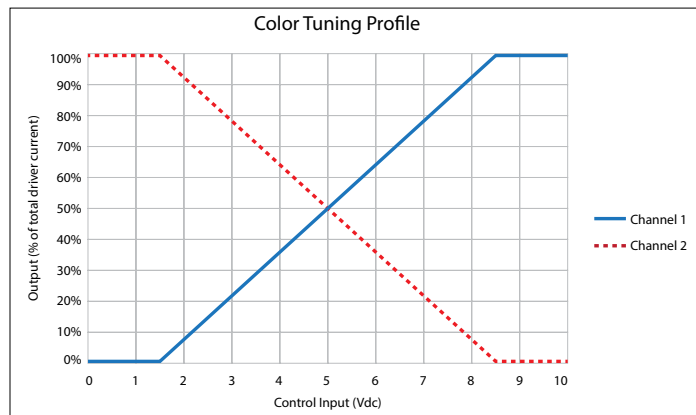


SpectraSync Tunable White luminaires are provided with two 0–10V circuits. The violet and pink circuit is for wiring to any qualified 0–10V controller for dimming. The violet/white and grey/white circuit is for wiring to any qualified 0–10V controller for Tunable White CCT control.

### Controller Manufacturer Data

SpectraSync Tunable White was designed to be used with sinking style dimmers (provided by others) and is compatible with:

- NX Lighting Controls Room Controller (NXRC) and In-fixture Controllers (NXFM)
- Lutron: DDTV, DVSTV, and NDTV dimmers
- Wattstopper: ADF120277 and CD4BL (Titan) dimmers



To enable scheduling and for use with NX wall control preset stations please refer to NX SpectraSync technical sheet.

## DIMENSIONS

### SURFACE MOUNT — FR, SB, SF LENSES

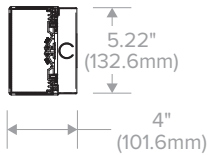
Front view, 4'



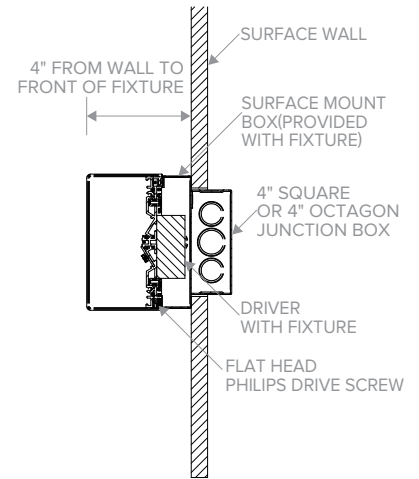
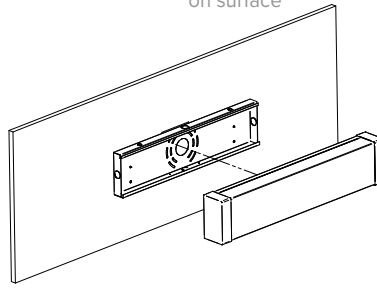
Front view, 2'



Cross section, both sizes

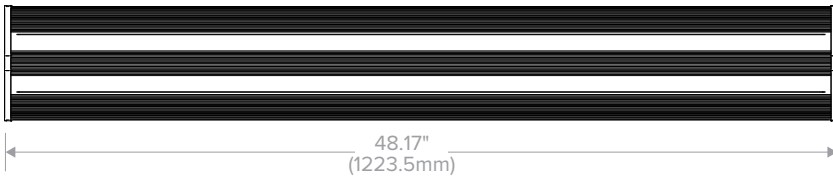


Surface Mount fixture on surface

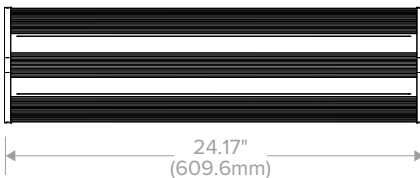


### SURFACE MOUNT — DIRECT/INDIRECT LENSES

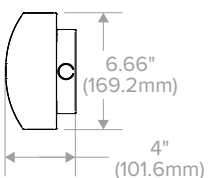
Front view, 4'



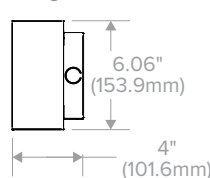
Front view, 2'



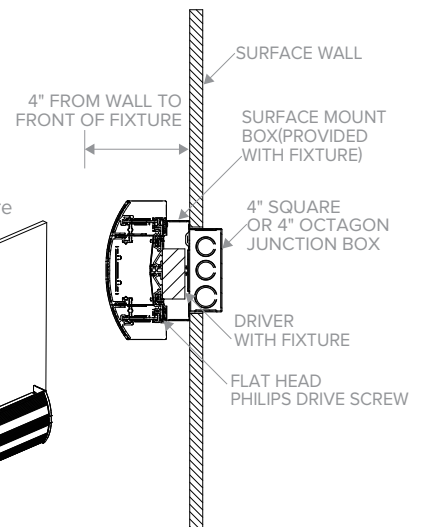
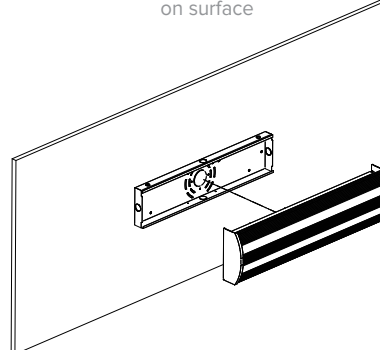
Cross section, both sizes, curved



Cross section, both sizes, straight



Surface Mount fixture on surface



## DIMENSIONS, CONT'D

### SEMI-RECESSED — FR, SB, SF LENSES

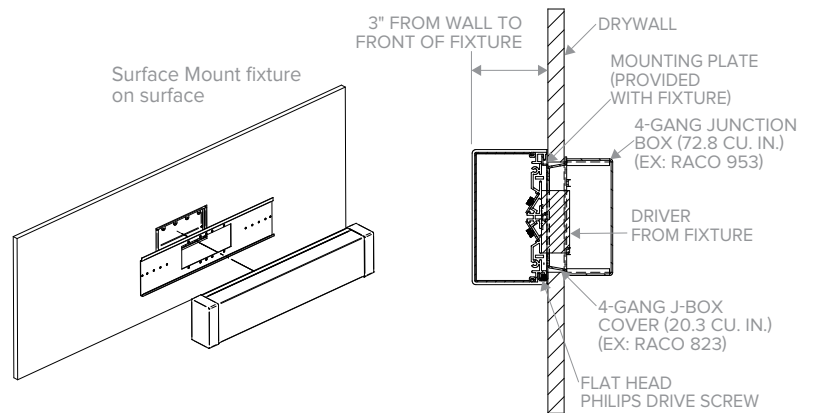
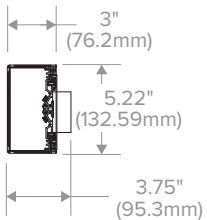
Front view, 4'



Front view, 2'

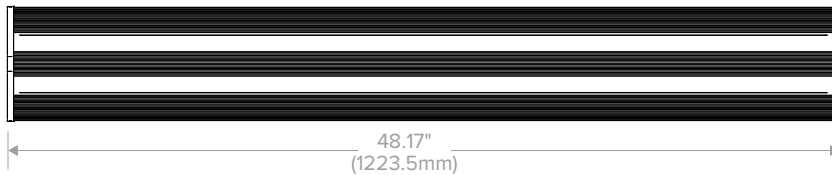


Cross section, both sizes

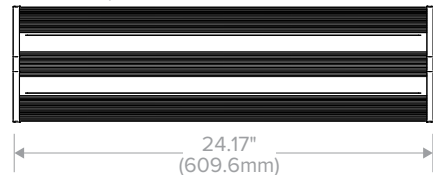


### SEMI-RECESSED — DIRECT/INDIRECT LENSES

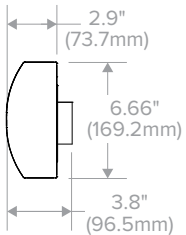
Front view, 4'



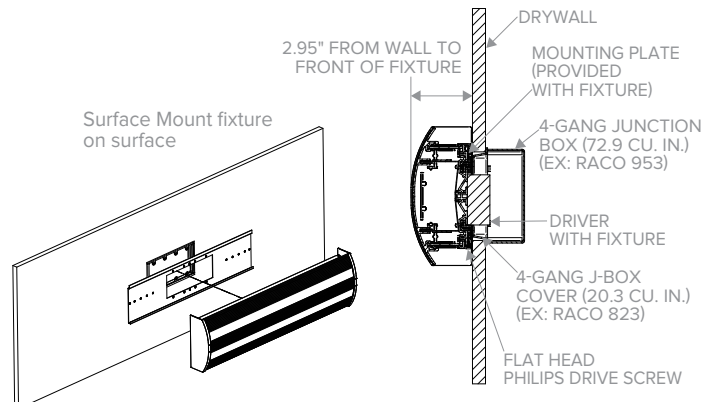
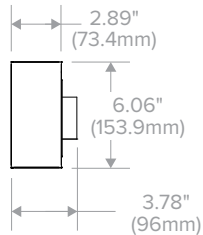
Front view, 2'



Cross section, both sizes, curved



Cross section, both sizes, straight



## PHOTOMETRY

### CWM4-35LWXX-FRYY-EDU

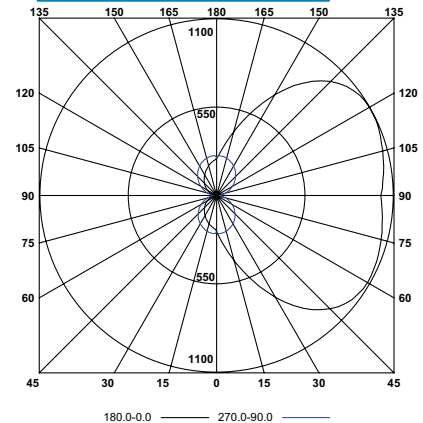
#### LUMINAIRE DATA

Test No.	16631
Description	CWM Contemporary Wall Mount, Surface 4ft Wall Mount with Frosted Lens
Delivered Lumens	4210
Watts	32.00
Efficacy	132
Mounting	Wall Mount
Spacing Criterion	0° = N/A 90° = N/A

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	241	5.7
0-40	459	10.9
0-60	1085	25.8
0-90	2099	49.8
0-180	4210	100

#### POLAR GRAPH



### CWM4-35LWXX-DIS-EDU

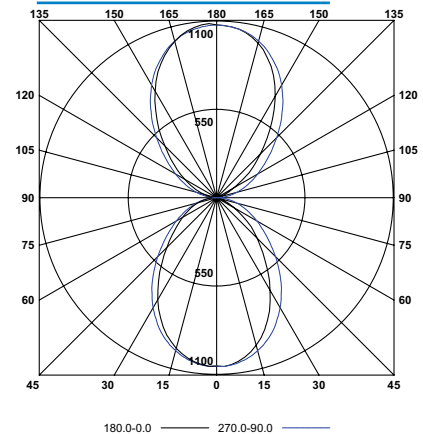
#### LUMINAIRE DATA

Test No.	17817
Description	CWM Contemporary Wall Mount, Surface 4ft Direct-Indirect Wall Mount with Frosted Lens
Delivered Lumens	4233
Watts	43.40
Efficacy	98
Mounting	Wall Mount
Spacing Criterion	0° = N/A 90° = N/A

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	755	17.8
0-40	1159	27.4
0-60	1785	42.2
0-90	2091	49.4
0-180	4233	100

#### POLAR GRAPH



### CWM4-35LWXX-DIC-EDU

#### LUMINAIRE DATA

Test No.	17841
Description	CWM Contemporary Wall Mount, Surface 4ft Direct-Indirect Wall Mount with Frosted Lens
Delivered Lumens	3211
Watts	43.30
Efficacy	74
Mounting	Wall Mount
Spacing Criterion	0° = N/A 90° = N/A

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	640	19.9
0-40	935	29.1
0-60	1360	42.4
0-90	1620	50.5
0-180	3211	100

#### POLAR GRAPH

