

Project		Catalog #		Type	
Prepared by		Notes		Date	



Fail-Safe



MWL Multi-Purpose/Medical Wall

2', 3', 4' Length
Up/Down Illumination
White Tuning/Patient Controls
Behavioral Health / Healthcare / General

Typical Applications

Medical/Healthcare • Patient Rooms • Patient Bathrooms • Behavioral Health • Restrooms • Education • Commercial

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Product Certification



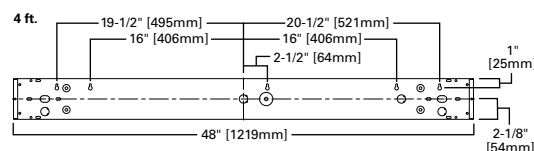
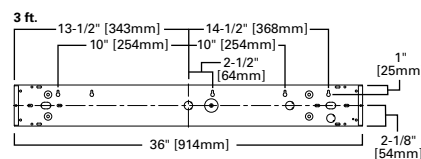
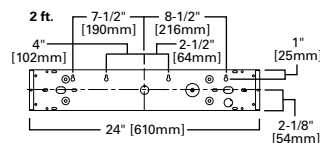
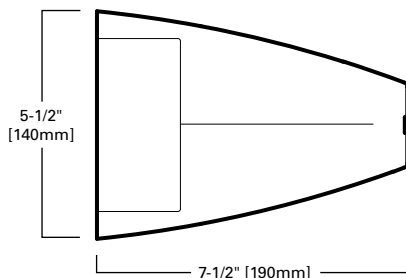
Product Features



Top Product Features

- Up/down illumination accomplished with dedicated LED driver, up to 6,600 lumens up/7,300 lumens down
- Impact resistant endcaps and optional polycarbonate prismatic lens (down and up/down) for use in **behavioral health** applications
- Standard anti-microbial white with a variety of colors/finishes and trims available
- Multiple up/down lumen packages
- Multiple color temperatures, 80 and 90 CRI, white tuning available
- Nurse call system integration for patient control - on/off or dimming control
- Easy/quick access to the LEDs/electrical. Facility delighter!
- **Ligature resistant** when specifying polycarbonate lens
- Options to meet Buy American Act requirements

Dimensional and Mounting Details



Order Information

SAMPLE ORDER NUMBER: **MWL-4-42/45-120-L840-EDD2-BH-BT-LVC3 (dimming low voltage relay)**
MWL-4-55/33-UNV-L82765-W2A2-WH-WT (White Tuning)
MWL-3-27/25-UNV-L835-EDD2-WH-BT-P125 (Polycarbonate prismatic lens)

Domestic Preferences	Configuration	Length	Uplight			Downlight			Voltage	CCT
Domestic Preferences ⁽¹⁾	Configuration	Length	Uplight ⁽⁵⁾			Downlight			Voltage	CCT
[Blank] =Standard BAA =Buy American Act	MWL =Medical Wall LED MWLDL =Medical Wall LED Downlight Only	2 =2 ft. ⁽²⁾ 3 =3 ft. ⁽³⁾ 4 =4 ft. ⁽⁴⁾	2 ft. 13 =1300 18 =1800 22 =2200 28 =2800 35 =3500	3 ft. ^{(6), (7)} 27 =2700 30 =3000 37 =3700 44 =4400 53 =5300	4 ft. 26 =2600 34 =3400 42 =4200 55 =5500 66 =6600	2 ft. 13 =1300 17 =1700 23 =2300 31 =3100 38 =3800	3 ft. ^{(8), (9)} 25 =2500 28 =2800 33 =3300 45 =4500 47 =4700 57 =5700	4 ft. 25 =2500 33 =3300 45 =4500 60 =6000 73 =7300	UNV =Universal Voltage 120-277 120 =120 Volt 277 =277 Volt 347 =347 Volt	L830 =80CRI, 3000K L835 =80CRI, 3500K L840 =80CRI, 4000K L930 =90CRI, 3000K L935 =90CRI, 3500K L940 =90CRI, 4000K L83050 =80CRI, 3000K-5000K white tuning ⁽¹⁰⁾ L82765 =80CRI, 2700K-6500K white tuning ⁽¹⁰⁾ L93050 =90CRI, 3000K-5000K white tuning ⁽¹⁰⁾ L92765 =90CRI, 2700K-6500K white tuning ⁽¹⁰⁾
Notes (1) Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.		Notes (2) 2ft not available with emergency, nightlight, or low voltage relay options. (3) EL14W, GTR2 and ETRD not available in 3ft. (4) EL7, EL14, LVCP and LVC3 not available above 4700 lumens uplight or 4500 lumens downlight.	Notes (5) Leave blank for MWLDL. (6) 3ft not available with 53/47, 53/57, 44/47, 44/57 lumen package combinations. (7) EL7 not available with LLNL/LLNLA/LLNLU, LCVP, ETRD, or GTR2.			Notes (8) 3ft not available with 53/47, 53/57, 44/47, 44/57 lumen package combinations. (9) EL7 not available with LLNL/LLNLA, LLNLU, LCVP, ETRD, or GTR2.			347 voltage is not available with emergency options, LVCP, LVC3, ETRD, or GTR2.	Notes (10) Not available in 3ft fixture.

Driver	Number of Drivers	Finish	Trim	Options
Driver	Number of Drivers ⁽¹³⁾	Finish ⁽¹⁶⁾	Trim	Options
EDD=0-10V 10% Dimming Driver ⁽¹¹⁾ ED1D=0-10V 1% Dimming Driver ⁽¹¹⁾ LH=Lutron HiLume 1% Ecosystem Driver W2A=White Tuning, 2 channel Intensity and CCT Control ⁽¹²⁾	1=1 Driver ⁽¹⁴⁾ 2=2 Drivers ⁽¹⁵⁾	[Blank]=Brushed Anodized WH=White Paint, Anti-microbial	[Blank]=Silver WT=White BT=Black	P125=0.125" thick Prismatic Polycarbonate Lens ⁽²⁶⁾ EL7W=7W Emergency Battery Pack ^{(17), (19), (27)} EL14W=14W Emergency Battery Pack ^{(17), (18), (19), (27)} ETRD=Iota Emergency Transfer Relay with dimming control ^{(17), (18), (19), (27)} GTR2=Bodine Generator Transfer Relay ^{(17), (18), (19), (23)} CO=Convenience Outlet (120V only) PS1=Single Circuit Pull Chain (EDD1/only), (120V only) PS1D=Single Circuit Pull Chain Down with EDD2/ED1D2 only), (120V only) PS4=Two Circuit Pull Chain (120V only) LLNL=LED Nightlight (downlight compartment) ^{(20), (21), (22), (29)} LLNLA=LED Nightlight, Amber (downlight compartment) ^{(20), (21), (22), (28)} LLNLU=LED Nightlight (uplight compartment) ^{(20), (21), (22), (25), (29)} LVCP=Low Voltage Relay, non-dimming ^{(23), (24)} LVC3=Low Voltage Relay, dimming ^{(24), (27)}
Notes (11) LVCP and LVC3 for use with EDD and ED1D drivers only. (12) Not available in 3ft fixture.	Notes (13) Number of drivers does not include nightlight driver which is always separate. (14) 1 driver only available with MWLDL. (15) 2 drivers only available on MWL.	Notes (16) Finish includes the three aluminum housing extrusions and the two endcaps. *Slight color variance between the finish on housing extrusions versus the endcaps*		Notes (17) Not available in 2ft. (18) Not available in 3ft. (19) 4ft with LVCP and emergency not available above 42/45 lumen output. (20) LLNL, LLNLA and LLNLU not available on 2ft fixtures. (21) LLNL, LLNLA and LLNLU not available on 3ft units with over 7000 total lumens (combined uplight and downlight). (22) LLNL, LLNLA and LLNLU not available on 4ft units with over 7100 total lumens (combined uplight and downlight). (23) Must specify voltage as 120 or 277, not available 347V. (24) With MWLDL, the LVCP and LVC3 options only control the downlight. On MWL, one circuit controls the uplight, the second circuit controls the downlight. (25) Not available with MWLDL. (26) For MWL, upper and lower lenses are prismatic polycarbonate. For MWLDL, only lower lens is prismatic polycarbonate. (27) Not available with 347V. (28) Amber nightlight delivers ~ 200 lumens. (29) LLNL defaults to 3500K color temperature. For other color temps, specify the color temperature in the following manner, Examples: LLNL30=3000K, LLNL40=4000K, LLNL50=5000K.

Product Specifications

Housing Construction

- Extruded anodized aluminum housing with a brushed finish standard.
- Injection molded plastic endcaps with aluminum finish standard. *Slight color variance between the finish on housing extrusions versus the endcaps*
- Decorative trim on front extrusion and endcaps (see image on right)

Internal Channel Construction

- Steel channel electrical components
- LEDs mounted to a steel reflector

Latching

- Lens housing secured to internal channel by spring-loaded latches

Shielding

- Downlight diffuser is 100% prismatic acrylic, #12 pattern with 0.080" thick internal diffusing film
- Uplight is 0.125" prismatic acrylic, #12 pattern
- P125 lens is 100% prismatic polycarbonate, with 0.080" thick internal diffusing film

Limited Warranty

- Five-year limited warranty standard

 View IES files


In the picture above, the "trim" includes everything that is shown in black.

Energy and Performance Data

2' Catalog Number	Del. Lumens	Input Watts	LPW
MWL-2-00-13-UNV-L830-EDD	1220	12	103
MWL-2-00-13-UNV-L835-EDD	1263	12	106
MWL-2-00-13-UNV-L840-EDD	1306	12	110
MWL-2-00-17-UNV-L830-EDD	1639	17	99
MWL-2-00-17-UNV-L835-EDD	1697	17	102
MWL-2-00-17-UNV-L840-EDD	1755	17	106
MWL-2-00-23-UNV-L830-EDD	2170	23	96
MWL-2-00-23-UNV-L835-EDD	2247	23	99
MWL-2-00-23-UNV-L840-EDD	2324	23	102
MWL-2-00-31-UNV-L830-EDD	2934	33	90
MWL-2-00-31-UNV-L835-EDD	3038	33	93
MWL-2-00-31-UNV-L840-EDD	3142	33	96
MWL-2-00-38-UNV-L830-EDD	3594	42	85
MWL-2-00-38-UNV-L835-EDD	3721	42	88
MWL-2-00-38-UNV-L840-EDD	3848	42	91
MWL-2-13-13-UNV-L830-EDD	2471	24	104
MWL-2-13-13-UNV-L835-EDD	2559	24	108
MWL-2-13-13-UNV-L840-EDD	2646	24	111
MWL-2-13-17-UNV-L830-EDD	2890	29	101
MWL-2-13-17-UNV-L835-EDD	2993	29	105
MWL-2-13-17-UNV-L840-EDD	3095	29	109
MWL-2-13-23-UNV-L830-EDD	3422	35	99
MWL-2-13-23-UNV-L835-EDD	3543	35	102
MWL-2-13-23-UNV-L840-EDD	3664	35	106
MWL-2-13-31-UNV-L830-EDD	4186	45	94
MWL-2-13-31-UNV-L835-EDD	4334	45	97
MWL-2-13-31-UNV-L840-EDD	4482	45	100
MWL-2-13-38-UNV-L830-EDD	4845	54	89
MWL-2-13-38-UNV-L835-EDD	5016	54	93
MWL-2-13-38-UNV-L840-EDD	5188	54	96
MWL-2-18-13-UNV-L830-EDD	2900	29	102
MWL-2-18-13-UNV-L835-EDD	3002	29	105
MWL-2-18-13-UNV-L840-EDD	3105	29	109
MWL-2-18-17-UNV-L830-EDD	3319	33	100
MWL-2-18-17-UNV-L835-EDD	3437	33	104
MWL-2-18-17-UNV-L840-EDD	3554	33	107
MWL-2-18-23-UNV-L830-EDD	3850	39	98
MWL-2-18-23-UNV-L835-EDD	3987	39	102
MWL-2-18-23-UNV-L840-EDD	4123	39	105
MWL-2-18-31-UNV-L830-EDD	4614	49	93
MWL-2-18-31-UNV-L835-EDD	4778	49	97
MWL-2-18-31-UNV-L840-EDD	4941	49	100
MWL-2-18-38-UNV-L830-EDD	5274	59	90
MWL-2-18-38-UNV-L835-EDD	5460	59	93
MWL-2-18-38-UNV-L840-EDD	5647	59	96
MWL-2-22-13-UNV-L830-EDD	3297	34	98
MWL-2-22-13-UNV-L835-EDD	3413	34	102
MWL-2-22-13-UNV-L840-EDD	3530	34	105
MWL-2-22-17-UNV-L830-EDD	3716	38	97
MWL-2-22-17-UNV-L835-EDD	3847	38	101
MWL-2-22-17-UNV-L840-EDD	3979	38	104
MWL-2-22-23-UNV-L830-EDD	4247	44	96
MWL-2-22-23-UNV-L835-EDD	4398	44	99
MWL-2-22-23-UNV-L840-EDD	4548	44	103
MWL-2-22-31-UNV-L830-EDD	5011	54	92
MWL-2-22-31-UNV-L835-EDD	5189	54	95
MWL-2-22-31-UNV-L840-EDD	5366	54	99
MWL-2-22-38-UNV-L830-EDD	5671	64	89
MWL-2-22-38-UNV-L835-EDD	5871	64	92
MWL-2-22-38-UNV-L840-EDD	6072	64	95
MWL-2-28-13-UNV-L830-EDD	3891	45	87
MWL-2-28-13-UNV-L835-EDD	4028	45	90
MWL-2-28-13-UNV-L840-EDD	4166	45	93
MWL-2-28-17-UNV-L830-EDD	4310	49	87
MWL-2-28-17-UNV-L835-EDD	4462	49	90
MWL-2-28-17-UNV-L840-EDD	4615	49	93
MWL-2-28-23-UNV-L830-EDD	4841	56	87
MWL-2-28-23-UNV-L835-EDD	5013	56	90
MWL-2-28-23-UNV-L840-EDD	5184	56	93
MWL-2-28-31-UNV-L830-EDD	5605	66	85
MWL-2-28-31-UNV-L835-EDD	5804	66	89
MWL-2-28-31-UNV-L840-EDD	6002	66	92
MWL-2-28-38-UNV-L830-EDD	6264	75	83
MWL-2-28-38-UNV-L835-EDD	6486	75	86
MWL-2-28-38-UNV-L840-EDD	6708	75	89
MWL-2-35-13-UNV-L830-EDD	4518	54	84
MWL-2-35-13-UNV-L835-EDD	4678	54	87
MWL-2-35-13-UNV-L840-EDD	4838	54	89
MWL-2-35-17-UNV-L830-EDD	4937	59	84
MWL-2-35-17-UNV-L835-EDD	5112	59	87
MWL-2-35-17-UNV-L840-EDD	5287	59	90
MWL-2-35-23-UNV-L830-EDD	5469	65	84
MWL-2-35-23-UNV-L835-EDD	5662	65	87
MWL-2-35-23-UNV-L840-EDD	5856	65	90
MWL-2-35-31-UNV-L830-EDD	6233	75	83
MWL-2-35-31-UNV-L835-EDD	6453	75	86
MWL-2-35-31-UNV-L840-EDD	6674	75	89
MWL-2-35-38-UNV-L830-EDD	6892	85	82
MWL-2-35-38-UNV-L835-EDD	7136	85	84
MWL-2-35-38-UNV-L840-EDD	7380	85	87

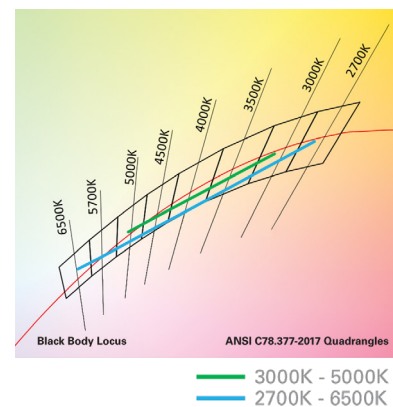
3' Catalog Number	Del. Lumens	Input Watts	LPW
MWL-3-00-25-UNV-L830-EDD	2412	25	98
MWL-3-00-25-UNV-L835-EDD	2470	25	100
MWL-3-00-25-UNV-L840-EDD	2513	25	102
MWL-3-00-28-UNV-L830-EDD	2703	28	96
MWL-3-00-28-UNV-L835-EDD	2768	28	98
MWL-3-00-28-UNV-L840-EDD	2816	28	100
MWL-3-00-33-UNV-L830-EDD	3255	36	91
MWL-3-00-33-UNV-L835-EDD	3333	36	93
MWL-3-00-33-UNV-L840-EDD	3391	36	95
MWL-3-00-47-UNV-L830-EDD	4582	55	84
MWL-3-00-47-UNV-L835-EDD	4691	55	86
MWL-3-00-47-UNV-L840-EDD	4773	55	87
MWL-3-00-57-UNV-L830-EDD	5505	69	79
MWL-3-00-57-UNV-L835-EDD	5636	69	81
MWL-3-00-57-UNV-L840-EDD	5735	69	83
MWL-3-27-25-UNV-L830-EDD	5058	49	103
MWL-3-27-25-UNV-L835-EDD	5178	49	105
MWL-3-27-25-UNV-L840-EDD	5269	49	107
MWL-3-27-28-UNV-L830-EDD	5348	53	101
MWL-3-27-28-UNV-L835-EDD	5476	53	104
MWL-3-27-28-UNV-L840-EDD	5572	53	105
MWL-3-27-33-UNV-L830-EDD	5900	60	98
MWL-3-27-33-UNV-L835-EDD	6041	60	100
MWL-3-27-33-UNV-L840-EDD	6147	60	102
MWL-3-27-47-UNV-L830-EDD	7227	79	91
MWL-3-27-47-UNV-L835-EDD	7400	79	93
MWL-3-27-47-UNV-L840-EDD	7529	79	95
MWL-3-27-57-UNV-L830-EDD	8150	94	87
MWL-3-27-57-UNV-L835-EDD	8345	94	89
MWL-3-27-57-UNV-L840-EDD	8491	94	90
MWL-3-30-25-UNV-L830-EDD	5376	53	102
MWL-3-30-25-UNV-L835-EDD	5505	53	104
MWL-3-30-25-UNV-L840-EDD	5601	53	106
MWL-3-30-28-UNV-L830-EDD	5667	57	100
MWL-3-30-28-UNV-L835-EDD	5802	57	103
MWL-3-30-28-UNV-L840-EDD	5904	57	105
MWL-3-30-33-UNV-L830-EDD	6219	64	97
MWL-3-30-33-UNV-L835-EDD	6368	64	100
MWL-3-30-33-UNV-L840-EDD	6479	64	101
MWL-3-30-47-UNV-L830-EDD	7546	83	91
MWL-3-30-47-UNV-L835-EDD	7726	83	93
MWL-3-30-47-UNV-L840-EDD	7861	83	95
MWL-3-30-57-UNV-L830-EDD	8469	98	87
MWL-3-30-57-UNV-L835-EDD	8671	98	89
MWL-3-30-57-UNV-L840-EDD	8823	98	90
MWL-3-37-25-UNV-L830-EDD	5978	60	99
MWL-3-37-25-UNV-L835-EDD	6121	60	101
MWL-3-37-25-UNV-L840-EDD	6228	60	103
MWL-3-37-28-UNV-L830-EDD	6268	64	98
MWL-3-37-28-UNV-L835-EDD	6418	64	100
MWL-3-37-28-UNV-L840-EDD	6530	64	102
MWL-3-37-33-UNV-L830-EDD	6820	72	95
MWL-3-37-33-UNV-L835-EDD	6983	72	98
MWL-3-37-33-UNV-L840-EDD	7105	72	99
MWL-3-37-47-UNV-L830-EDD	8147	90	90
MWL-3-37-47-UNV-L835-EDD	8341	90	92
MWL-3-37-47-UNV-L840-EDD	8487	90	94
MWL-3-37-57-UNV-L830-EDD	9071	105	86
MWL-3-37-57-UNV-L835-EDD	9288	105	88
MWL-3-37-57-UNV-L840-EDD	9450	105	90
MWL-3-44-25-UNV-L830-EDD	6653	79	84
MWL-3-44-25-UNV-L835-EDD	6812	79	86
MWL-3-44-25-UNV-L840-EDD	6931	79	88
MWL-3-44-28-UNV-L830-EDD	6944	83	84
MWL-3-44-28-UNV-L835-EDD	7110	83	86
MWL-3-44-28-UNV-L840-EDD	7234	83	88
MWL-3-44-33-UNV-L830-EDD	7496	90	83
MWL-3-44-33-UNV-L835-EDD	7675	90	85
MWL-3-44-33-UNV-L840-EDD	7809	90	87
MWL-3-53-25-UNV-L830-EDD	7499	94	80
MWL-3-53-25-UNV-L835-EDD	7678	94	82
MWL-3-53-25-UNV-L840-EDD	7812	94	84
MWL-3-53-28-UNV-L830-EDD	7789	97	80
MWL-3-53-28-UNV-L835-EDD	7975	97	82
MWL-3-53-28-UNV-L840-EDD	8115	97	83
MWL-3-53-33-UNV-L830-EDD	8341	105	80
MWL-3-53-33-UNV-L835-EDD	8541	105	82
MWL-3-53-33-UNV-L840-EDD	8690	105	83

4' Catalog Number	Del. Lumens	Input Watts	LPW
MWL-4-00-25-UNV-L830-EDD	2415	23	104
MWL-4-00-25-UNV-L835-EDD	2473	23	107
MWL-4-00-25-UNV-L840-EDD	2516	23	109
MWL-4-00-33-UNV-L830-EDD	3202	34	95
MWL-4-00-33-UNV-L835-EDD	3279	34	97
MWL-4-00-33-UNV-L840-EDD	3336	34	99
MWL-4-00-45-UNV-L830-EDD	4332	46	95
MWL-4-00-45-UNV-L835-EDD	4435	46	98
MWL-4-00-45-UNV-L840-EDD	4513	46	99
MWL-4-00-60-UNV-L830-EDD	5762	65	89
MWL-4-00-60-UNV-L835-EDD	5900	65	91
MWL-4-00-60-UNV-L840-EDD	6003	65	93
MWL-4-00-73-UNV-L830-EDD	6989	85	82
MWL-4-00-73-UNV-L835-EDD	7156	85	84
MWL-4-00-73-UNV-L840-EDD	7281	85	86
MWL-4-26-25-UNV-L830-EDD	4908	47	106
MWL-4-26-25-UNV-L835-EDD	5025	47	108
MWL-4-26-25-UNV-L840-EDD	5113	47	110
MWL-4-26-33-UNV-L830-EDD	5695	57	100
MWL-4-26-33-UNV-L835-EDD	5831	57	102
MWL-4-26-33-UNV-L840-EDD	5933	57	104
MWL-4-26-45-UNV-L830-EDD	6825	69	99
MWL-4-26-45-UNV-L835-EDD	6988	69	102
MWL-4-26-45-UNV-L840-EDD	7110	69	103
MWL-4-26-60-UNV-L830-EDD	8255	88	94
MWL-4-26-60-UNV-L835-EDD	8452	88	96
MWL-4-26-60-UNV-L840-EDD	8600	88	98
MWL-4-26-73-UNV-L830-EDD	9482	108	88
MWL-4-26-73-UNV-L835-EDD	9708	108	90
MWL-4-26-73-UNV-L840-EDD	9878	108	91
MWL-4-34-25-UNV-L830-EDD	5745	57	101
MWL-4-34-25-UNV-L835-EDD	5882	57	103
MWL-4-34-25-UNV-L840-EDD	5985	57	105
MWL-4-34-33-UNV-L830-EDD	6532	68	97
MWL-4-34-33-UNV-L835-EDD	6688	68	99
MWL-4-34-33-UNV-L840-EDD	6805	68	101
MWL-4-34-45-UNV-L830-EDD	7662	79	97
MWL-4-34-45-UNV-L835-EDD	7845	79	99
MWL-4-34-45-UNV-L840-EDD	7982	79	101
MWL-4-34-60-UNV-L830-EDD	9092	99	92
MWL-4-34-60-UNV-L835-EDD	9309	99	95
MWL-4-34-60-UNV-L840-EDD	9472	99	96
MWL-4-34-73-UNV-L830-EDD	10319	119	87
MWL-4-34-73-UNV-L835-EDD	10565	119	89
MWL-4-34-73-UNV-L840-EDD	10750	119	91
MWL-4-42-25-UNV-L830-EDD	6475	67	97
MWL-4-42-25-UNV-L835-EDD	6630	67	100
MWL-4-42-25-UNV-L840-EDD	6746	67	101
MWL-4-42-33-UNV-L830-EDD	7262	77	94
MWL-4-42-33-UNV-L835-EDD	7436	77	96
MWL-4-42-33-UNV-L840-EDD	7566	77	98
MWL-4-42-45-UNV-L830-EDD	8392	89	94
MWL-4-42-45-UNV-L835-EDD	8593	89	97
MWL-4-42-45-UNV-L840-EDD	8743	89	98
MWL-4-42-60-UNV-L830-EDD	9823	108	91
MWL-4-42-60-UNV-L835-EDD	10057	108	93
MWL-4-42-60-UNV-L840-EDD	10233	108	95
MWL-4-42-73-UNV-L830-EDD	11049	128	86
MWL-4-42-73-UNV-L835-EDD	11313	128	88
MWL-4-42-73-UNV-L840-EDD	11511	128	90
MWL-4-55-25-UNV-L830-EDD	7671	88	87
MWL-4-55-25-UNV-L835-EDD	7855	88	90
MWL-4-55-25-UNV-L840-EDD	7992	88	91
MWL-4-55-33-UNV-L830-EDD	8459	98	86
MWL-4-55-33-UNV-L835-EDD	8661	98	88
MWL-4-55-33-UNV-L840-EDD	8812	98	90
MWL-4-55-45-UNV-L830-EDD	9588	110	87
MWL-4-55-45-UNV-L835-EDD	9817	110	89
MWL-4-55-45-UNV-L840-EDD	9989	110	91
MWL-4-55-60-UNV-L830-EDD	11019	129	85
MWL-4-55-60-UNV-L835-EDD	11282	129	87
MWL-4-55-60-UNV-L840-EDD	11479	129	89
MWL-4-55-73-UNV-L830-EDD	12245	149	82
MWL-4-55-73-UNV-L835-EDD	12538	149	84
MWL-4-55-73-UNV-L840-EDD	12757	149	85
MWL-4-66-25-UNV-L830-EDD	8760	108	81
MWL-4-66-25-UNV-L835-EDD	8969	108	83
MWL-4-66-25-UNV-L840-EDD	9126	108	84
MWL-4-66-33-UNV-L830-EDD	9547	119	81
MWL-4-66-33-UNV-L835-EDD	9775	119	82
MWL-4-66-33-UNV-L840-EDD	9946	119	84
MWL-4-66-45-UNV-L830-EDD	10677	130	82
MWL-4-66-45-UNV-L835-EDD	10932	130	84
MWL-4-66-45-UNV-L840-EDD	11123	130	85
MWL-4-66-60-UNV-L830-EDD	12107	150	81
MWL-4-66-60-UNV-L835-EDD	12396	150	83
MWL-4-66-60-UNV-L840-EDD	12613	150	84
MWL-4-66-73-UNV-L830-EDD	13334	170	79
MWL-4-66-73-UNV-L835-EDD	13652	170	80
MWL-4-66-73-UNV-L840-EDD	13891	170	82



MWL Medical Wall LED with VividTune Tunable White

VividTune tunable white luminaires from Cooper Lighting Solutions deliver high-quality light in a broad range of continuously variable color temperatures and intensities. Create a dynamic environment by adjusting the ambient light warmer or cooler to influence mood, support the task at hand, or create a dramatic ambience. The ability to control correlated color temperature and intensity separately using simple controls is the next evolution of LED lighting for the commercial, educational, healthcare and hospitality space. The unparalleled flexibility and number of available lighting environments enable users to find the right light with tunable white.



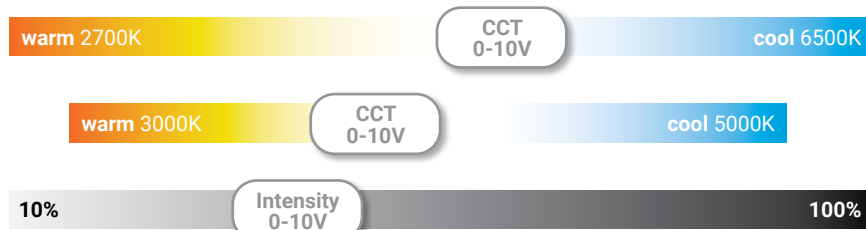
Performance Data*

Tunable White - Lumen Adjustment Factors				
CCT	3000K-5000K		2700K-6500K	
	80 CRI	90 CRI	80 CRI	90 CRI
2700K	-	-	0.878	0.750
3000K	0.904	0.744	0.903	0.779
3500K	0.956	0.813	0.934	0.819
4000K	1.004	0.878	0.954	0.844
4500K	1.014	0.893	0.972	0.866
5000K	1.014	0.893	0.985	0.884
6500K	-	-	0.999	0.908

Medical Wall LED - Example of Approximate Lumen Calculation			
	Standard Catalog #	VividTune 80 CRI Catalog #	VividTune 90 CRI Catalog #
CCT Setting	MWLDL-4-45-UNV-L835-EDD1	MWLDL-4-45-UNV-L83050-W2A1	MWLDL-4-45-UNV-L93050-W2A1
3000K	-	4009	3300
3500K	4435	4240	3606
4000K	-	4453	3894
4500K	-	4497	3960
5000K	-	4497	3960

Controlling VividTune Tunable White

VividTune luminaires make tunable white more accessible by using simple and familiar controls. From wall dimmers to wireless controls, VividTune tunable white luminaires are compatible with industry standard 0-10V dimming controls. A single 0-10V dimming input is used to control intensity (brightness) while a second 0-10V dimming input is used to adjust CCT. For suggested control configurations, go to www.cooperlighting.com for tunable white application guides.



Example of Lumen Adjustment Calculation

MWLDL-4-45-UNV-L83050-W2A1
at 80 CRI tuned to 3500K

$\text{Adjusted Lumen} = \text{published lm} \times \text{adjusted lm factor}$

$\text{Adjusted Lumen} = 4435 \times 0.956$

$\text{Adjusted Lumen} = 4453 \text{ lm}$

* Lumen adjustment factors are for reference and may be different for each product selected. Refer to IES files for actual performance data on each.