

TBLED Luminaire
WaveStream LED Technology

 **Metalux**



EATON

Powering Business Worldwide



Innovation you can rely on™

The **TBLED** luminaire designed for commercial and industrial low-bay applications is an innovative solution that delivers an unparalleled combination of performance and visual comfort. The TBLED low profile design and precise combination of vertical and horizontal distribution is the ideal solution for auditoriums, retail, big box, airports and municipal applications and is available in both medium and wide distributions.

Performance

- One-piece low profile die-cast aluminum housing
- Three lumen packages (6,000, 8,000 and 11,000)
- Efficacy: delivers up to 126 lm/W
- CCT: 3500K, 4000K and 5000K
- Lumen maintenance – L85 @ 60,000 hours
- Powder coat finish available in white, black and bronze
- Surface, hook/loop, wall or pendant mounting options
- Rated for -40°C to 40°C ambient applications
- Standard 0-10V dimming, optional Fifth Light DALI
- cULus listed for wet locations, IP66 rated
- Five-year warranty



Features and Benefits

- **LED Platform**
WaveStream™ LED technology with patented AccuAim™ optics arranged in exacting patterns provide superior performance and optimal distribution.
- **Controllable**
Offers control flexibility and easy integration with optional 0-10V continuous dimming driver, providing additional energy savings when utilizing sensors. Available with native Fifth Light DALI drivers for complete digital energy management using the capable and scalable Fifth Light controllers and software.
- **Mounting**
Standard fixture mounts to a square or octagonal 4" surface or recessed j-box via heavy-gauge quick mount bracket, or can be hook or pipe mounted using the included universal mounting kit. Additional mounting options include pendant or wall mount.

Catalog Number	Description	Delivered Lumens	Input Watts	Efficacy (lm/W)
Medium				
TBLED-LD1-6-M-UNV-L835-CD1-WHT-U	Low Bay, WaveStream LED, 6K Lumen, Med Dist, 3500K, Dim	5643	51	111
TBLED-LD1-6-M-UNV-L840-CD1-WHT-U	Low Bay, WaveStream LED, 6K Lumen, Med Dist, 4000K, Dim	5774	51	113
TBLED-LD1-6-M-UNV-L850-CD1-WHT-U	Low Bay, WaveStream LED, 6K Lumen, Med Dist, 5000K, Dim	6420	51	126
TBLED-LD1-8-M-UNV-L835-CD1-WHT-U	Low Bay, WaveStream LED, 8K Lumen, Med Dist, 3500K, Dim	7948	77	103
TBLED-LD1-8-M-UNV-L840-CD1-WHT-U	Low Bay, WaveStream LED, 8K Lumen, Med Dist, 4000K, Dim	8133	77	106
TBLED-LD1-8-M-UNV-L850-CD1-WHT-U	Low Bay, WaveStream LED, 8K Lumen, Med Dist, 5000K, Dim	9044	77	117
TBLED-LD1-11-M-UNV-L835-CD1-WHT-U	Low Bay, WaveStream LED, 11K Lumen, Med Dist, 3500K, Dim	10491	108	97
TBLED-LD1-11-M-UNV-L840-CD1-WHT-U	Low Bay, WaveStream LED, 11K Lumen, Med Dist, 4000K, Dim	10735	108	99
TBLED-LD1-11-M-UNV-L850-CD1-WHT-U	Low Bay, WaveStream LED, 11K Lumen, Med Dist, 5000K, Dim	11937	108	111

Compliance

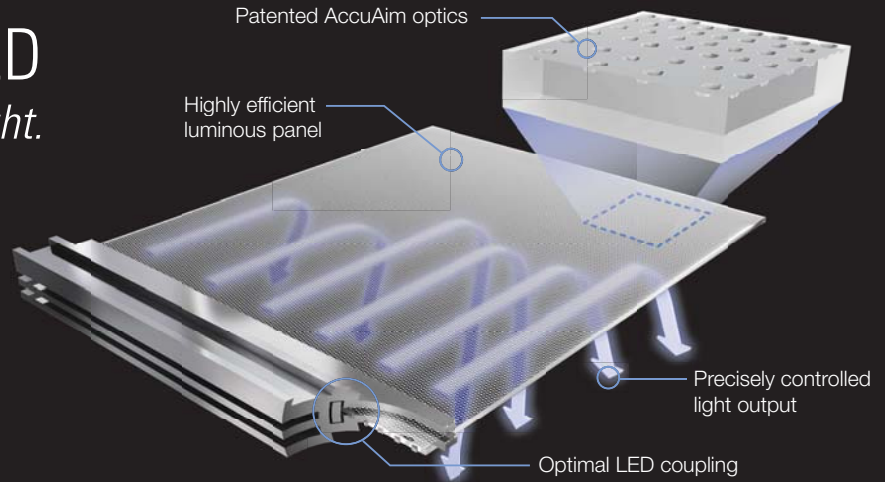
- cULus listed for damp location
- IP66 Rated (Surface or Wall Mount)
- RoHS compliant
- DLC Qualified
- ISO 9001



WaveStream™ LED

Taking Control of Light.

A patented optical coupling process maximizes the amount of light injected into the WaveStream panel, dramatically improving efficiency. Laser precise, patented AccuAim optics arranged in exacting patterns provide unrivaled brightness control while delivering optimal distributions tailored to each fixture and application.



Ordering Information

Sample Number: TBLED-LD1-6-M-UNV-L840-CD1-WHT

Series	Lamp	Lumen Package	Distribution	Voltage	CCT	Driver Type	Number of Drivers
TBLED=LED Top Bay	LD1=LED 1.0	6=6000 Lumens 8=8000 Lumens 11=11000 Lumens	M=Medium W=Wide	347=347 Volt ⁴ 480=480 Volt ^{3,4} UNV=Universal Voltage 120-277	CCT L835=3500K L840=4000K L850=5000K	CD=0-10V Dimming Driver (Standard) 5LTHD=Five Light (DALI) Driver (1% - 100% Dimming) ^{4, 8, 10}	1=1 Driver 2=2 Drivers (5LTHD only) ⁸
Mounting	Color	Options (add a suffix)			Packaging	Accessories (Order Separately)	
[Blank]=Surface, Hook WM=Wall Mount PM=Pendant Mount ⁷	WHT=White BLK=Black BRZ=Bronze AP=Gray DP=Dark Platinum GM=Graphite Metallic	CG=Clear Glass ⁵ DOS=Dimming Occupancy Sensor DIMRF-LW=LumaWatt Wireless Sensor, Wide Lens (8' - 16' Mounting) ⁶ DIMRF-LN=LumaWatt Wireless Sensor, Narrow Lens (16' - 40' Mounting) ⁶ TR=Tamper-resistant Hardware IBP=Integral Battery Pack (Specify 120 or 277V. Must Specify Voltage) ^{1,4} ICP=Integral Cold Weather Battery Pack (Specify 120 or 277V. Must Specify Voltage) ^{2,4}			U=Unit Pack	FSIR-100=Wireless Configuration Tool for Occupancy Sensor MA1252=10kV Circuit Module Replacement C3=3' Cord ⁹ C6=6' Cord ⁹ PC3=3' Power Cord and Plug (Specify Voltage for Plug) ⁹ PC6=6' Power Cord and Plug (Specify Voltage for Plug) ⁹	

NOTES: 1. The IBP option is only available in 120V or 277V, must specify voltage. 0°C minimum, 25°C maximum ambient temperature. Not available with 11,000 lumen package. 2. The ICP option is only available in 120V or 277V, must specify voltage. -20°C minimum, 25°C maximum ambient temperature. Not available with 11,000 lumen package. 3. Not to be used with ungrounded systems. 4. The 5LTHD, IBP and ICP options are not available with DOS, DIMRFLN or DIMRFLW or 347V/480V. 5. CG clear glass option only available with Medium distributions. 6. DIMRFLN and DIMRFLW are not available in 347 or 480V. 7. For Pendant Mount order separate Stem Kit. 8. 5LTHD option, requires 2 drivers for 8,000 and 11,000 lumen versions. 9. Sold separately and not pre-wired to the fixture. 10. 5LTHD option DLC listed at 120V only. Specifications & dimensions subject to change without notice. Consult your Eaton Representative for availability and ordering information.

TBPM36	WHT	
TBPM36=36" TBPM48=48" TBPM96=96"	WHT=White BLK=Black BRZ=Bronze	[Blank]=5 Conductor for use with 0-10V Dimming Driver 5LTHD=5 Conductor for use with 5LTHD Drivers

Photometrics

TBLED-LD1-8-M-UNV-L840-CD1		TBLED-LD1-11-M-UNV-L840-CD1																																																																																																																																																																																																																																																																																																																																																															
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Electronic Driver Linear LED 4000K Spacing criterion: (II) 1.3 x mounting height, (L) 1.3 x mounting height Lumens = 8133 Input Watts = 77W Efficacy = 105.6 lm/W Test: TBLED-LD1-8-M-L840-CD1.IES	Electronic Driver Linear LED 4000K Spacing criterion: (II) 1.3 x mounting height, (L) 1.3 x mounting height Lumens = 10735 Input Watts = 108W Efficacy = 99.4 lm/W Test: TBLED-LD1-11-M-L840-CD1.IES																																																																																																																																																																																																																																																																																																																																																																

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