





Recessed



Suspended



Surface

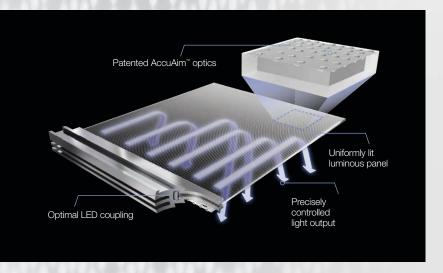


Wall

WaveStream™ LED

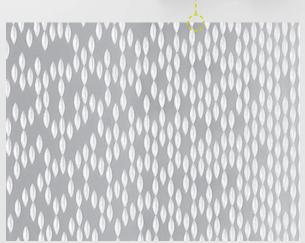
Taking Control of Light.





How the WaveStream™ System Works

WaveStream™ LED technology starts with an optical acrylic panel aligned with LEDs. AccuAim™ micro-optics are molded into optical grade acrylic to create a uniform low glare luminous appearance while shaping the most efficient light pathway to the work or room surface. Simply put, light can now be bent, dispersed, and directed from virtually any fixture, in any application. A technological breakthrough in lighting, WaveStream™ offers superior optical control, beautifully delivered.



Micro Optical Design

AccuAim™ micro optics take lighting control to the next level. In the past, fixtures have required deep metal reflectors to achieve desired lighting results. With advanced manufacturing processes, miniature optical shapes have been precisely molded into a 3mm sheet of optical grade acrylic. The key benefits are drastically reduced fixture profiles and improved optical efficiency and optical control compared to lighting systems of yesterday.

WaveStream™ is powerful; however, more gears are required to realize maximum energy savings

DIVIDE

The technology gears of control intelligence, LED technology, and luminaire design work in perfect unison to drive system optimization.

LED Technology

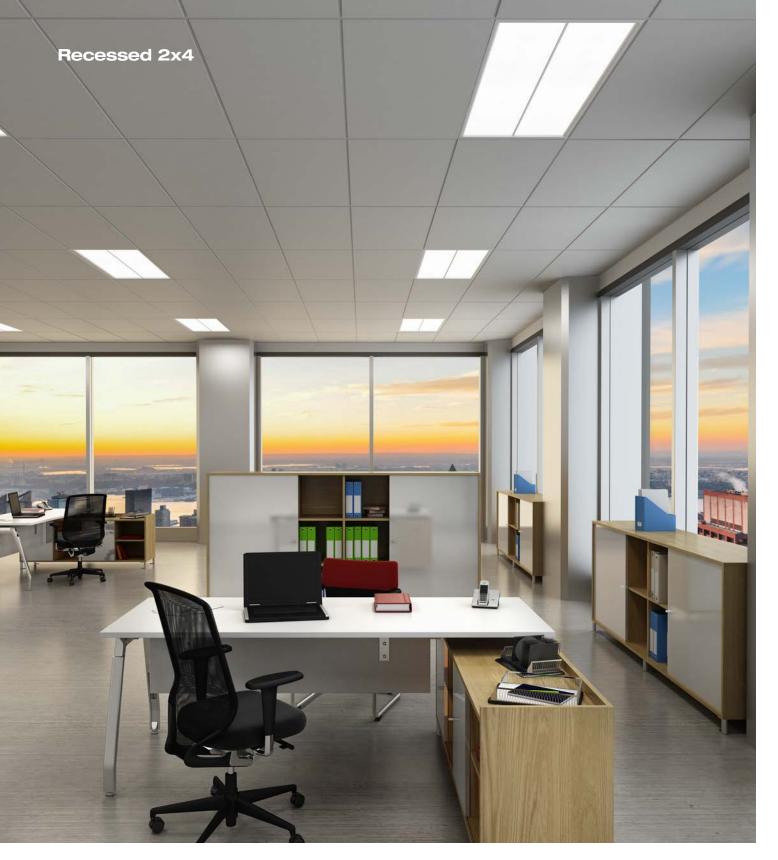
LED technology is expected to experience significant performance growth (more light per watt) until the end of this decade. At the same time, the cost of this technology is expected to decline at a similar year-over-year rate. LED is firmly positioned as the lighting technology of today and the future. By incorporating today's most advanced LED technology and integrated control solutions, Wavestream™ luminaires represent the most unique and advanced LED lighting systems available.

Luminaire Design

Successfully harnessing the power of Wavestream™ requires advanced luminaire design. The design teams at Eaton's Cooper Lighting business have been constructed to align with the technologies of today. Expert teams of mechanical, optical, industrial, and thermal engineers have actively collaborated to develop never before seen luminaire designs with increased luminaire efficiency and decreased wattage consumption. In addition to design, it is Eaton's philosophy to provide the most reliable and extensively tested luminaires in the industry.

DALI & Controls

True system efficiency, and the power of WaveStream™, is fully realized when combined with DALI technology provided by Fifthlight. The benefit of DALI (Digitally Addressable Lighting Interface) drivers is the ability to easily control luminaires individually or in groups. Integrated control intelligence allows each luminaire to be precisely tuned to its specific environment maximizing energy efficiency and return on investment. Additionally, minimal control wires significantly decrease system installation complexity while being infinitely configurable without the need for additional wiring.

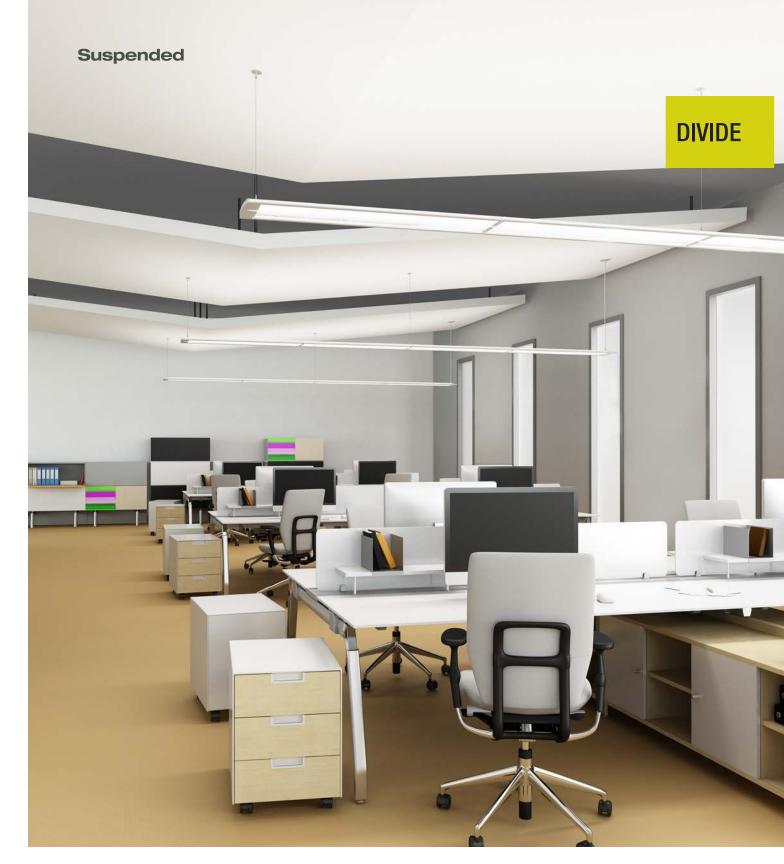


Open Office Recessed Calculation Summary (30'L x 30'W x 8'H)			
Catalog Number	DRI-WS-1L40-1D-UNV-T1-24		
Number 16' of Luminaires	9		
Watts/ 4' Luminaire	32.4 Watts		
Lumens/ 4' Luminaire	3491		
Horizontal Light Level	30 FC*		
Spacing	10' x12' On Center		
Lighting Power Density	0.324 W/SFT		
% Better Than IECC 2012	68%		

Ultra low profile recessed series with matching family aesthetics

The strikingly beautiful recessed series adds elegance and sophistication to any space. The 2.5" profile makes it ideal for low clearance plenums, while the high performance distribution allows for wider spacing thus reducing the amount of luminaires needed.

*All Calculations were performed utilizing a 0.8 Ceiling Reflectance, 0.5 Wall Reflectance, 0.2 Floor Reflectance, and a 0.91 Light Loss Factor. All light levels were calculated at 30" above finished floor. All IECC calculations were performed using the space by space method from IECC 2012.



Divide suspended series offer great quality of light with unprecedented watts per square foot

The Divide's unique LED design makes a big statement while providing direct/indirect soft ambient illumination to all surfaces. The power of WaveStream™ optics and the latest LED technology allow for strikingly low watts per square foot.

Open Office Suspended Calculation Summary (30'L x 60'W x 10'H)			
Catalog Number	DSI-WS-1L40-1D-UNV-AC48-16		
Number 16' of Luminaires	3		
Watts/ 4' Luminaire	32 Watts		
Lumens/ 4' Luminaire	3459		
Horizontal Light Level	30 FC*		
Spacing	18' On Center		
Lighting Power Density	0.214 W/SFT		
% Better Than IECC 2012	79%		

^{*}All Calculations were performed utilizing a 0.8 Ceiling Reflectance, 0.5 Wall Reflectance, 0.2 Floor Reflectance, and a 0.91 Light Loss Factor. All light levels were calculated at 30" above finished floor. All IECC calculations were performed using the space by space method from IECC 2012.

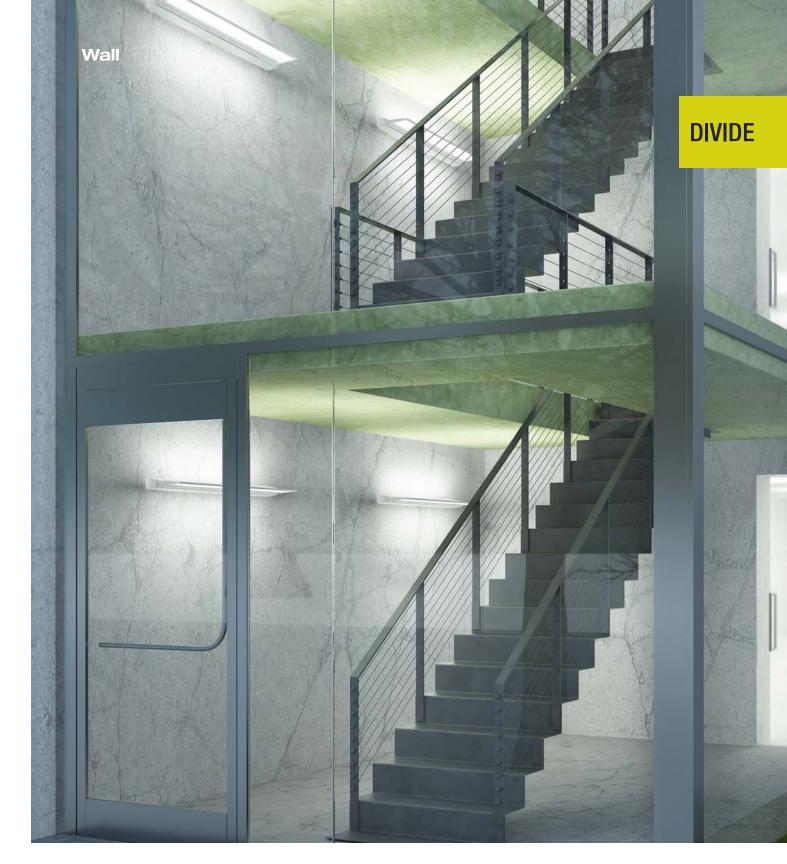


Data Center/Stack Calculation Summary (40'L x 20'W x 10'H) Catalog Number DSI-WS-2L35-1D-UNV-SU-JB-8 Number 8' of Luminaires 4 Watts/ 4' Luminaire 45.3 Watts Lumens/ 4' Luminaire 4622 Horizontal Light Level 63 FC* Vertical Light Level 37 FC* Spacing 32' Row Centered Lighting Power Density 0.454 W/SFT % Better Than IECC 2012 73%

Linear surface mount option adds design flexibility in the building environment

The Divide surface mount enhances spatial perception by providing direct and indirect lighting to the environment while allowing for high performance linear lighting in hard ceiling applications.

^{*}All Calculations were performed utilizing a 0.8 Ceiling Reflectance, 0.5 Wall Reflectance, 0.2 Floor Reflectance, and a 0.91 Light Loss Factor. All light levels were calculated at 30" above finished floor. All IECC calculations were performed using the space by space method from IECC 2012.



The Divide wall is the perfect stairwell luminaire

Stairways, corridors, and transition areas represent a significant portion of building spaces. The Divide wall mount is the ideal solution due to its asymmetric direct and indirect lighting distribution, long life, and low energy consumption. The Divide wall also accommodates common requirements such as integral battery backup and sensors.

Stair Calculation Summary (12'L x 16'W x 10'H)			
Catalog Number	DWI-WA-2L35-1D-UNV-SU-WA-4		
Number of Luminaires	2 per level		
Watts/Luminaire	23.1 Watts		
Luminaire Lumens	2205		
Light Level (on tread)	5.8 FC		
Spacing	6' On Center		
Lighting Power Density	0.241 W/SFT		
% Better Than IECC 2012	66%		

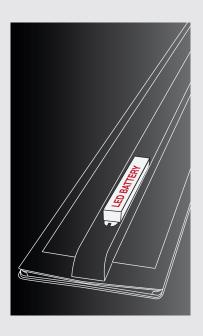
^{*}All Calculations were performed utilizing a 0.8 Ceiling Reflectance, 0.5 Wall Reflectance, 0.2 Floor Reflectance, and a 0.91 Light Loss Factor. All light levels were calculated at each stair tread. All IECC calculations were performed using the space by space method from IECC 2012.

KEY FEATURES

The Divide series upholds the Corelite legacy of functionality and installation ease. With numerous standard options from integral battery packs to onboard occupancy and photo sensors, it's the extensive breadth of unique features that sets the Divide series apart.







FifthLight DALI

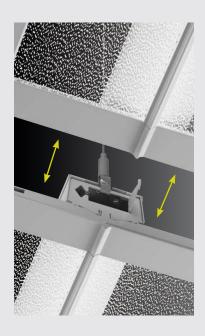
Integrated control intelligence with the Fifthlight DALI driver allows each luminaire to be precisely tuned to its specific environment maximizing energy efficiency and return on investment. The benefit of DALI (Digitally Addressable Lighting Interface) is the ability to control individual luminaires independently or in groups.

Low Profile

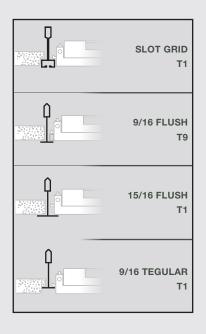
The incredibly low profile of the Divide series allows for ease of ceiling coordination while providing a low glare and fully luminous solution. The low profile is still maintained while using the center spine to hold drivers, battery packs, and through wiring.

Integral Battery

The battery is elegantly integrated directly into the center channel using the lowest profile battery available.







Simplified Installation

Every fixture is designed with unique and functional installation features such as the Quick-Tab Alignment for precision joining and fast installation.

Integral Sensors

Save energy by utilizing integral sensors in every Divide Series luminaire. This option provides integral daylight harvesting and/or occupancy sensor with onboard commissioning to provide immediate energy saving benefits.

Universal Flange

Whatever your ceiling grid style, the Corelite Divide recessed series has been uniquely engineered for precise integration with four standard "T" interfaces. The clean and flush finishes to typical architectural ceilings play a small but important role in the finished building environment.





DIVIDE DRI - 2x4 Light Level 1 32.4W 3450 lms* Light Level 2 45.2W 4150 lms* Light Level 3 74.2W 7100 lms* Light Level 5 93.7W 8650 lms*



 DIVIDE DRI - 1x4

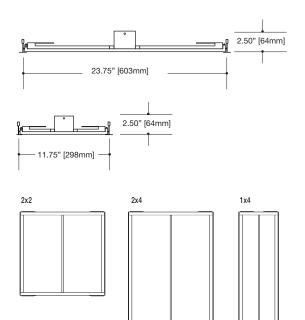
 Light Level 1
 32.4W
 3300 lms*

 Light Level 2
 45.2W
 3950 lms*

 Light Level 3
 56.8W
 5300 lms*

 Light Level 4
 74.2W
 6700 lms*

 Light Level 5
 93.7W
 8200 lms*



Construction Die-formed 20 gauge cold rolled steel housing and 22 Gauge pre-paint gear tray. Extruded Aluminum heat sinks located on the outer edge of luminaire. Lens Lens is an optically coupled 4mm optical grade acrylic with AccuAim™ injection molded optical pattern. Electrical Cooper LED modules available in 3000, 3500 or 4000k with a CRI \geq 82. Modules are driven using universal voltage constant current LED drivers. Fixture and modules certified to UL and cUL standards. 0-10V dimming control is standard. Finish Fixtures finished with high reflectance white electrostatically applied polyester powder coat paint. Mounting Standard flange works with most lay-in ceiling types. Integral pry-out tabs secure luminaire to ceiling grid. Fixture offers tie-in locations for tie-wire on all corners, consult local code for appropriate tie-wire recommendations.

Concealed Ceiling Note: Divide Recessed Series may be installed into inaccessible ceilings (sheet rock, wood panel, etc.) with the Metalux DFW series drywall frame-in kit, ordered separately. Specify "CC" for the Corelite Ceiling Type. 1x4-Metalux #DF-14W-U. 2x4-Metalux #DF-24W-U. 2x2- Metalux #DF-22W-U.

- Only one battery pack per fixture. 2x4 and 1x4: Battery is not available in Light Level 5.
 Dimming wires come standard with all fixtures. Controls wires can be capped in the field for standard switched circuit operation.

 3. This option accommodates 120/220/240/277V at 50/60Hz.

W12

12' Whip Flex

DRI-WS-3L35-1D-UNV-22-T1

ORDERING EXAMPLE

- 4. 347V is achieved using a remote mounted transformer.
- 5. See universal surface mount installation instructions for further surface mount kit information. 6. 2x2: Fifthlight DALI driver not available in Light Levels 1 and 2.
- 7. Lutron Driver not available in Light Levels 4 and 5
- Sensor must be combined with 0-10V dimming driver.
 MWS not available in all wiring configurations. Consult your representative for available options and whip lengths.

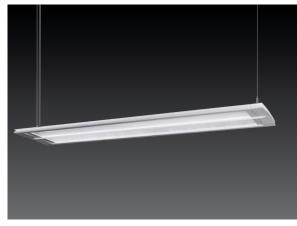
RECESSED ORDERING

SERIES			
DRI	Divide Recessed / Integral Driver		
OPTICS			
WS	WaveStream™		
LIGHT L	EVEL		
1	Light level 1	4	Light level 4
2	Light level 2	5	Light level 5
3	Light level 3		
COLOR	TEMPERATURE		
L30	LED 3000K		
L35	LED 3500K		
L40	LED 4000K		
NUMBE	R OF CIRCUITS		
1	1 circuit		
WIRING			
В	Battery Pack ¹	E	Emergency
С	Standard Circuit ²	Т	Nightlight
D	Dimming ²	Υ	Daylight
VOLTAG	ìE		
120	120V		
277	277V		
UNV	Universal 120V-277V ³		
347	347V ⁴		
SIZE			
22	2' X 2'		
24	2' X 4'		
14	1' X 4'		
CEILING	G TYPE		
T1	1" Grid, Slot Grid, 9/16" Tegular		
Т9	9/16" T-bar		
CC	Concealed Ceiling		
SU	Surface Mount ⁵		
	OPTIONS		
5LT	FifthLight DALI Driver ⁶		
LUT	Lutron Driver 7		
BLANK	Standard 0-10V Driver		
INTEGRAL CONTROL OPTIONS			
DS	Day-Sense integral daylight sensor 8		
2S	2Sense integral daylight/occupancy s	ensor ⁸	
BLANK	None		
OPTIONS			
NY	New York City Construction	MWS	Modular Wiring
W6	6' Whip Flex		Systems Whip or

Connector 9

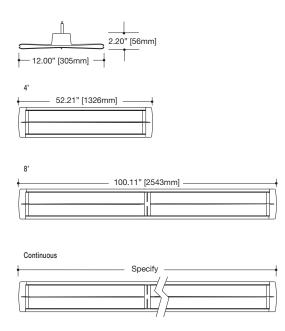






DSI - End View

DSI - 4' Suspended



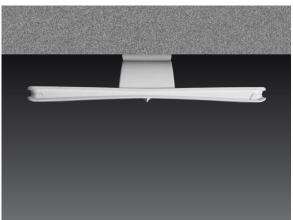
Construction Die-formed 20 gauge cold rolled steel housing and 22 Gauge pre-paint gear tray. Extruded Aluminum heat sinks located on the outer edge of luminaire. Lens Lens is an optically coupled 4mm optical grade acrylic with AccuAim™ injection molded optical pattern. Top Cover Dust Cover (DC) is a high transmission clear formed acrylic. Frosted Cover (FC) is a frosted formed acrylic to reduce uplight and increase downlight. Solid Cover (SC) is 22 Gauge high reflectance white cold rolled steel for 100% downlight. Electrical Cooper LED modules available in 3000, 3500 or 4000k with a CRI ≥ 82. Modules are driven using universal voltage constant current LED drivers. Fixture and modules certified to UL and CUL standards. 0-10V dimming control is standard. Finish Fixtures finished with high reflectance white electrostatically applied polyester powder coat paint. Mounting Standard aircraft cable mounts on 4'-0" and 8'-0"centers. Refer to Installation instructions for various ceiling interface details. Endcaps Endcaps are diecast magnesium alloy for low weight and precision detail.

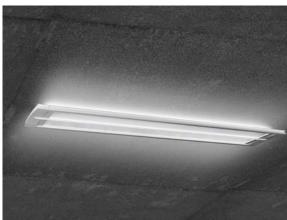
- 1. Only one battery pack per 4' fixture. Battery is not available in Light Level 5.
- 2. Dimming wires come standard with all fixtures. Controls wires can be capped in the field for standard switched circuit operation.
- 3. This option accommodates 120/220/240/277V at 50/60Hz.
- 4. 347V is achieved using a remote mounted transformer.
 5. Continuously mounted standard row configurations over 8' consist of 4' and 8' sections.
- 6. Lutron Driver not available in Light Levels 4 and 5.
- 7. Sensor must be combined with 0-10V dimming driver.
- 8. Top cover options cannot be combined with any other top cover options.

SUSPENDED ORDERING

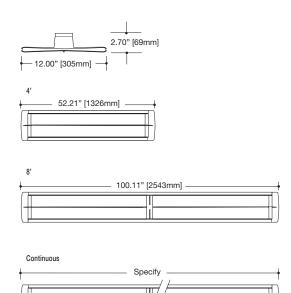
SERIES			
DSI	Divide Suspended / Integral Driver		
OPTICS			
WS	WaveStream™		
WS	vvaveStream		
LIGHT L	.EVEL		
1	Light level 1	4	Light level 4
2	Light level 2	5	Light level 5
3	Light level 3		
COLOR	TEMPERATURE		
		1.40	LED 40001/
L30	LED 3000K	L40	LED 4000K
L35	LED 3500K		
NUMBE	R OF CIRCUITS		
1	1 circuit		
WIRING			
В	Battery Pack ¹	E	Emorgonov
С	Standard Circuit ²	T	Emergency Nightlight
D	Dimming ²	Y	Daylight
		1	Dayligi it
VOLTAG	iΕ		
120	120V	UNV	Universal 120V-277V ³
277	277V	347	347V ⁴
SUSPE	ISION		
Α	Aircraft cable		
POWER			
С	Straight cord		
K	Curly cord		
SUSPE	ISION LENGTH		
48	48"	300	300"
120	120"	360	360"
240	240"	XX	Specify length 5
CEILING	TYPE		
T1	1" Grid, Slot Grid, 9/16" Tegular	ST	Structure
T9	9/16" T-bar	JB	4" Octagonal J-Box
TS	Slotted T-Bar	05	r Cotagonaro Box
LENGT			
4	4'		
8	8'		
XX	Specify length		
DRIVER	OPTIONS		
5LT	FifthLight DALI Driver	BLANK	Standard 0-10V Driver
LUT	Lutron Driver ⁶		
INTEGR	AL CONTROL OPTIONS		
DS			
2S	Day-Sense integral daylight sensor ⁷ 2Sense integral daylight/occupancy s	oncor 7	
OS		E1120[
BLANK	Integral Occupancy Sensor		
	VER OPTIONS 8		
DC	Dust cover	SC	Solid white cover
FC	Frosted cover	BLANK	No cover
FINISH			
BLANK	White	CC	Custom color
S	Silver	-	
-			
OKDEK	ING EXAMPLE		
DSI-WS	-1L35-1D-AC48-T1-4		







DSI - End View DSI - 4' Surface



Construction Die-formed 20 gauge cold rolled steel housing and 22 Gauge pre-paint gear tray. Extruded Aluminum heat sinks located on the outer edge of luminaire. Lens Lens is an optically coupled 4mm optical grade acrylic with AccuAim™ injection molded optical pattern. Top Cover Dust Cover (DC) is a high transmission clear formed acrylic. Frosted Cover (FC) is a frosted formed acrylic to reduce uplight and increase downlight. Solid Cover (SC) is 22 Gauge high reflectance white cold rolled steel for 100% downlight. **Electrical** Cooper LED modules available in 3000, 3500 or 4000k with a CRI ≥ 82. Modul es are driven using universal voltage constant current LED drivers. Fixture and modules certified to UL and CUL standards. 0-10V dimming control is standard. Finish Fixtures finished with high reflectance white electrostatically applied polyester powder coat paint. Mounting Luminaire mounts to surface rail system for controlled straight rows. Refer to Installation instructions for various ceiling interface details. Fixture can mount horizontally or vertically on wall. Endcaps Endcaps are diecast magnesium alloy for low weight and precision detail.

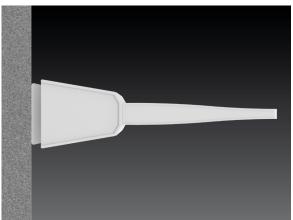
- Only one battery pack per 4' fixture. Battery is not available in Light Level 5.
 Dimming wires come standard with all fixtures. Controls wires can be capped in the field for standard switched circuit operation.
- 3. This option accommodates 120/220/240/277V at 50/60Hz.
- 4. 347V is achieved using a remote mounted transformer.
 5. J-box provided by others. See installation details for further information. Fixture can be surface mounted to the ceiling or wall in the horizontal or vertical orientation.

 6. Continuously mounted standard row configurations over 8' consist of 4' and 8' sections.
- 7. Lutron Driver not available in Light Levels 4 and 5
- 8. Sensor must be combined with 0-10V dimming driver
- 9. Top cover options cannot be combined with any other top cover options.

SURFACE ORDERING

OPTICS WS			
WS	WaveStream™		
LIGHT L	.EVEL		
1	Light level 1	4	Light level 4
2	Light level 2	5	Light level 5
3	Light level 3		
COLOR	TEMPERATURE		
L30	LED 3000K	L40	LED 4000K
L35	LED 3500K		
NUMBE	R OF CIRCUITS		
1	1 circuit		
WIRING			
В	Battery Pack ¹	E	Emergency
С	Standard Circuit ²	Т	Nightlight
D	Dimming ²	Υ	Daylight
VOLTAG	E		
120	120V	UNV	Universal 120V-277V
277	277V	347	347V ⁴
	A / WALL TYPE		
SU-JB	Wall / Ceiling Mount 5		
LENGT			
4	4'	XX	Specify Length ⁶
8	8'		
DRIVER	OPTIONS		
5LT	FifthLight DALI Driver	BLANK	Standard 0-10V Drive
LUT	Lutron Driver ⁷		
INTEGR	AL CONTROL OPTIONS		
DS	Day-Sense integral daylight sensor 8		
	2Sense integral daylight/occupancy s	ensor ⁸	
2S	None		
2S BLANK TOP CO	VER OPTIONS 9		
TOP CO	VER OPTIONS 9 Dust cover	sc	Solid white cover
TOP CO			Solid white cover No cover
BLANK	Dust cover		
TOP CODC FC	Dust cover Frosted cover		
TOP CO DC FC	Dust cover Frosted cover	BLANK	No cover
BLANK TOP CO DC FC FINISH BLANK S	Dust cover Frosted cover	BLANK	No cover

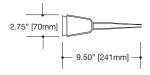


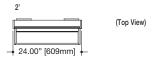




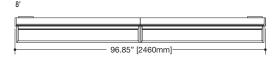


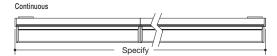
DIVIDE DWI WALL 2'
Light Level 1 8.1W 800 Ims*
Light Level 2 12.1W 1100 Ims*
Light Level 3 14.1W 1300 Ims*
Light Level 4 18.0W 1700 Ims*
Light Level 5 23.0W 2100 Ims*











Construction Die-formed 20 gauge cold rolled steel housing and 22 Gauge pre-paint gear tray. Extruded Aluminum heat sinks located on the inner edge of luminaire. Lens Lens is an optically coupled 4mm optical grade acrylic with AccuAim™ injection molded optical pattern. Top Cover Dust Cover (DC) is a high transmission clear formed acrylic. Frosted Cover (FC) is a frosted formed acrylic to reduce uplight and increase downlight. Solid Cover (SC) is 22 Gauge high reflectance white cold rolled steel for 100% downlight. Electrical Cooper LED modules available in 3000, 3500 or 4000k with a CRI ≥ 82. Modules are driven using universal voltage constant current LED drivers. Fixture and modules certified to UL and CUL standards. 0-10V dimming control is standard. Finish Fixtures finished with high reflectance white electrostatically applied polyester powder coat paint. Mounting Luminaire mounts to wall bracket every 4'-0" or 8'-0". Refer to Installation instructions for various ceiling interface details. Endcaps End caps are diecast Aluminum.

NOTES

- Light Level 6 not available in 2' length.
- 2. Only one battery pack per fixture. Battery pack not available in 2' length.
- Dimming wires come standard with all fixtures. Controls wires can be capped in the field for standard switched circuit operation.
- 4. This option accommodates 120/220/240/277V at 50/60Hz.
- 5. 347V is achieved using a remote mounted transformer.
- 6. Continuously mounted standard row configurations over 8' consist of 4' and 8' sections.
- $7.\,4' \text{ and } 8' \text{ Sections: Lutron Driver not available in Light Level } 5.\& 6\\ 8.\,2': \text{ Fifthlight DALI driver not available. } 4' \text{ and } 8': \text{ Fifthlight DALI driver not available in Light DALI driver not available } 1.$
- 9. Sensor must be combined with 0-10V dimming driver.
- 10. Top cover options cannot be combined with any other top cover options.

WALL ORDERING

FINISH

BLANK White

Silver ORDERING EXAMPLE

DWI-WA-3L35-1D-UNV-SU-WA-4

SERIES			
DWI	Divide Wall Mount LED		
OPTICS			
WA	WaveStream™ Asymmetric		
LIGHT L	EVEL		
1	Light level 1	4	Light level 4
2	Light level 2	5	Light level 5
3	Light level 3	6	Light level 6 ¹
COLOR	TEMPERATURE		
L30	LED 3000K	L40	LED 4000K
L35	LED 3500K		
NUMBE	R OF CIRCUITS		
1	1 circuit		
WIRING			
В	Battery Pack ²	E	Emergency
С	Standard Circuit 3	T	Nightlight
D	Dimming ³	Υ	Daylight
VOLTAG	E		
120	120V	UNV	Universal 120V-277V
277	277V	347	347V ⁵
CEILING	A / WALL TYPE		
SU-WA	Wall Mount		
LENGTH	1		
2	2'	8	8'
4	4'	XX	Specify Length ⁶
DRIVER	OPTIONS		
5LT	FifthLight DALI Driver 7	BLANK	Standard 0-10V Drive
LUT	Lutron Driver ⁸		
INTEGR	AL CONTROL OPTIONS		
DS	Day-Sense integral daylight sensor 9		
2S	2Sense integral daylight/occupancy s	sensor 9	
BLANK	None		
тор со	VER OPTIONS 10		
DC	Dust cover	SC	Solid white cover
FC	Frosted cover	BLANK	No cover

CC

Custom color

Our Lighting Product Brands

Halo

Halo Commercial

Portfolio

IRiS RSA

Metalux

_ ..

Corelite

Neo-Ray

Fail-Safe

MWS

Ametrix

Shaper

io

Lumark

McGraw-Edison

Invue

Lumière

Streetworks

AtLite

Sure-Lites

Our Controls Product Brands

Greengate

iLumin

Zero 88

Fifth Light Technology

iLight (International Only)



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