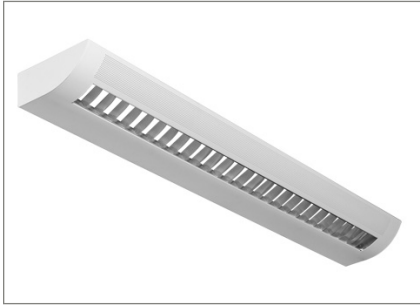


WIODLP



APPLICATION

Architectural indoor, direct/indirect suspended light for LED. It creates soft and diffused lighting that ensures maximum visual comfort and balanced shadows. It can be installed individually or in a continuous line. Use for general office, bank, retail and educational environments.

FEATURES:

- Die formed 20 gauge cold-rolled steel housing. Flat steel end plate standard. Powder coated for a long life finish. White finish is standard. Die cast aluminum spade end cap optional.
- 2', 3', 4' and 8' individual fixture sections for nominal spacing of 2', 3', 4' and 8'. Using 2', 3', 4' and 8' sections can be joined to form longer length fixtures.
- Parabolic semi-specular aluminum louvers (standard) and white painted steel baffle (WBL).
- Die formed high-reflective white reflector is standard. Optional anodized specular aluminum reflector.
- Uplight and down light distribution.
- Textured matte white polyester powder paint.

MOUNTING:

- Individual installation or end-to-end row wall mount.

LED:

- Color Temperature: 2700/3000/3500/4000/5000 (K).
- LED Module: High efficiency up to 162 LPW.
- Calculated L70: 122,000 hours
- Reported L70: >54,000 hours
- Poke in wire connectors.
- Color variation within 3-step MacAdam ellipse.
- WIO Series LED is rated to deliver LM80 performance.
- CRI 80+

ELECTRICAL:

- High power factor electronic driver, operate from a 120~277 Vac input range, 50 / 60 Hz.
- Dimming Control: 1~100%(Std.) Bi-level step dim.
- Power Factor: +0.9
- Efficiency: +85%
- Ambient Operating Temperature: -22°F (-30°C) ~ 122°F (50°C).
- Constant Current, Class 2.

<ELCU-200>

- Guarantees emergency lighting remains ON or is turned on when power to the control device is lost.
- Interfaces with fire alarm panel or security system.
- "Watchdog" feature allows emergency loads to be controlled in tandem with normal power loads.
- UL listed for use in emergency circuits.

LISTING:

- UL / CUL listed.
- UL listed for dry & damp location.
- Listed to UL 1598 and UL 8750.
- CEC Compliant EM (please contact for more information)
- ARRA compliant.
- 5 years limited warranty.
- 7 or 10 years limited warranty. (optional) 4

CONFIGURATIONS

Size	Input Watts	Lumen Output	Lumen Efficiency
2FT	22W	1964 lm	89.3 lm/W
	30W	2678 lm	
3FT	30W	2678 lm	
	45W	4018 lm	
4FT	40W	3571 lm	
	60W	5357 lm	
8FT	80W	7143 lm	
	120W	10714 lm	

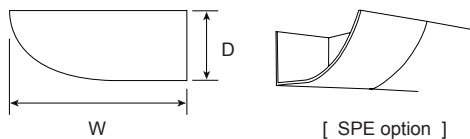
SDM OPTION

Size	Input Watts	Lumen Output	Lumen Efficiency
2FT	27W	2410 lm	89.3 lm/W
4FT	42W	3749 lm	
	56W	4999 lm	
8FT	84W	7498 lm	
	112W	9998 lm	

: Based on 5000K.

COMPATIBLE DIMMERS:

Leviton : IP710-DLX
 Lutron : DDTV-XX
 Encelium EMS : EN-LCM-1R10V-GB2-BK
 Encelium EMS : EN-LCM-1R10V-GB2-BK/DR
 Encelium EMS : EN-ALC-1R10V-GB2-BK
 Encelium EMS : EN-ALC-1R10V-GB2-BK-DR
 SYLVANIA : ELMC-SL3W-TVWBX/UNV
 Wattstopper : ADF-120277
 Synergy lighting Controls : ISD BC



Specifications: WIODLP 2', 3', 4', 8'

Length: 24, 36, 48, 96 (610 / 914/ 1220 / 2439)
 Width: 7-1/4 (184)
 Depth: 3 (76)
 Weight: WIODLP-R2: 13.93 lbs (6.32 kg)
 WIODLP-R3: 19.51 lbs (8.85 kg)
 WIODLP-R4: 25.88 lbs (11.74 kg)
 WIODLP-R8: 47.27 lbs (21.44 kg)

All dimensions are in inches (millimeters).

WIODLP

ORDERING INFORMATION

EXAMPLE: WIODLP-4-40L-40K-UNV-SPE

MODEL	ROW		SECTION ¹		LED		COLOR TEMP.		CRI		LOUVER		REFLECTOR	
WIODLP	xx	Increments Total Row Lengths	R2	2' Length	22L	22W LED	-27K	2700K ⁸	(Blank) C9	80+ CRI 90+ CRI ⁷	(Blank) WBL OP	Semi Specular (Std.) White Blade Semi Specular Louver with White Acrylic Overlay	(Blank) SR	White Reflector (Std.) Specular Reflector
			R3	3' Length	30L	30W LED	-30K	3000K						
			R4	4' Length	40L	40W LED	-35K	3500K						
			R8	8' Length	80L	80W LED	-40K	4000K						
				120L	120W LED	-50K	5000K							

* Contact factory for custom wattage or lumen requirement.

NOTE: *T* for tandem unit, add T. Example: WIODLP-8-T232

VOLTAGE		LED DRIVER										
UNV	120-277V (Std.)	(Blank) UDSD	0-10V dim to 1% (Std.) (dim both uplight and downlight simultaneously) Separate Dimming Control of Uplight and Downlight (0-10V dim to 1%) ¹⁰						TDM	Triac Dim. (120V only)		
120	120V	ES566	eldoLED SOLOdrive Natural Dimming to dark, 0-10V, 100% ~ 0.1% dim						TD30/70	30% / 70% / 100% Tri-Level Step dim		
277	277V	EC	eldoLED ECOdrive 0-10V natural dim to 1% (Hybrid HydraDrive)						TDXX/YY	XX% / YY% / 100% Tri-Level Step dim (Specify XX, YY : 10% ~ 70%)		
347	347V ¹¹	SD40	40% / 100% Bi-Level Step dim						LDE5	5-Series EcoSystem LED driver, 100% ~ 5% dim		
		SDXX	XX% / 100% Bi-Level Step dim (Specify XX : 10% ~ 70%)						LDE1	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology, 100% ~ 1% dim		
		PHSR	Philips Xitanium Sensor-Ready, Dali 5%~100% dim.						ELV	ELV compatible (reverse-phase or trailing-edge)		
		PHDL	Philips Xitanium DALI driver, Dim to 5%						TRIOI	Tridonic IoT ready, 1-100% dim via Smart Module Interface (SMI), automated dimming/lighting controls via Enlighted Sensor Interface		
		ED560	eldoLED LightShape DALI dim to dark, 0.1% ~ 100%						DIMT	Tri-mode dimming (Triac, ELV, 0-10V)		
		MU050	0-10V dual channel, 0.1% ~ 100%									

FINISH		OPTIONS				LIGHTING CONTROL SYSTEM			
(Blank) AL	Matte White (Std.) Light Gray	EMG5	5W EM Battery Backup (CEC Compliant EM) ^{2,5}			VRF	<Lutron Vive System Enabled>		
		EMG6	8W EM Battery Backup (CEC Compliant EM) ^{2,5}			FCJS0	Vive Integral fixture control (RF only), (Must be ordered with EcoSystem drivers or PHSR)		
		EMG16	16W EM Battery Backup (CEC Compliant EM) ^{2,5}			FCJSE	Vive Attached fixture control (RF only for 0-10V drivers)		
		ELCU-200	Fail-to-on Emergency lighting, UL924 ⁶			FCJS0EM	Vive Attached fixture control (RF only for Lutron EcoSystem drivers)		
		GTD	Bodine Generator Transfer Device			FCJSEEM	UL 924 Emergency PowPak wireless fixture control for 0-10V drivers		
		GTD10DIM	Bodine Generator Transfer Device (0-10VDC Dimmer Override)			SNS200C	UL 924 Emergency PowPak wireless fixture control for Ecosystem drivers		
		GLR	Fast Blow Fuse ²			RS-IR	<EasySense>		
		GMF	Slow Blow Fuse ²				EasySense Ceiling-mount occupancy sensing, daylight harvesting and task tuning in one device (Must be ordered with PHSR driver) ⁹		
		MS	Occupancy Sensor ³				IR dongle for EasySense control		
		DC	Dust Cover						
		SPE	Spade End Cap						
		DL	Damp Location Label						
		O7W	Optional 7 Years Limited Warranty ⁴						
		O10W	Optional 10 Years Limited Warranty ⁴						

* Available custom color (RAL)
Please provide us with the RAL number.

NOTES:

- No need to select, if same as row length and section length.
- Must specify voltage, not available with 347V.
- Check with factory for more details.
- This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation.
- Contact factory for other emergency ballast options.
- Shipped separately.
- Lumen per watt is around 15% less than standard CRI (80+).
- Available with C9 (CRI 90+) only.
- Please see Compatible Phone list in the separate attachment. If not listed, please order "RS-IR", and follow IR-Dongle user guide and NFC and IR app user's manual. Android users only.
- For separate dimming control, please be advised it may not be available when EM battery backup is added due to limited space. Please contact us for more information.
- 347V cannot work with Emergency Battery Backup.

WIODLP

COMPATIBLE DIMMER SWITCH (TABLE 1)

Model #	Brand	Compatible Dimmer Switch	
(Blank)	-	<Leviton>	IlumaTech IP7 series
		<Lutron>	Visit www.lutron.com/advance for a list of dimmers (Mark VII) that will work with this driver.
		<Philips>	Sunrise : SR1200ZTUNV
ES566	eldoLED SOLOdrive	<Busch-Jaeger>	2112U-101
		<Jung>	240-10
		<Leviton>	IlumaTech - IP710-DLX
		<Lightoller Controls>	ZP600FAM120
		<Merten>	5729
		<Pass & Seymour>	CD4FB-W
		<Wattstopper>	DCLV1
		<Sensor Switch>	nIO EZ
		<Synergy>	ISD BC
		<ABB>	SD/S 2.16.1
		<Lutron>	Nova T: NTFTV Diva - DDTV-xx, NFTV GRAFIK Eye: GRX-TVI w GRX3503 Energy Savr Node: QSN-4T16-S TVM2 Module
		<Crestron>	GLX-DIMFLV8, GLXP-DIMFLV8, GLPAC-DIMFLV4-*, GLPAC-DIMFLV8-*, GLPP-DIMFLVEX-PM, GLPP-1DIMFLV2EX-PM, GLPP-1DIMFLV3EX-PM, DIN-AO8, DIN-4DIMFLV4, CLS-EXP-DIMFLV, CLCI-1DIMFLV2EX
		LDE5	Lutron 5-Series EcoSystem
LDE1	Lutron Hi-lume 1% EcoSystem		
ELV/ TDM	ERP	<Lutron>	S-603PG, DVCL-153P, DV-600P, TGCL-153P, S-600P, DVELV-303P, SELV-300P, TG-600P, LG-600P, CT-103P, MAELV-600, FAELV-500
		<Leviton>	IPI06-1LZ, 6631-2, VPE06,6683-IW, 6161, 6633-P, IPE04
		<Cooper>	DLC03P, SLC03P, DAL06P
		<Lightolier>	ZP260QEW

NOTES:

- All devices connected to one FCJ/FCJS-ECO will be controlled together. Devices will dim to the same level as the result of a control command. For more detail on adjusting low-end light level refer to Application Note#556 at www.lutron.com.
- For the Line/Hot (L/H) terminal on the driver, it is preferred not to use the switched hot (red) wire from the control but rather the hot wire directly from the power source.