

THE COMPLETE LIGHTING SOLUTION

LITON

L I G H T I N G



DEXTEROTM
ARCHITECTURAL WALL FLOOD LIGHT

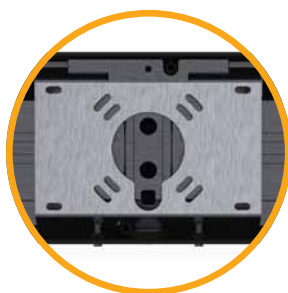
DEXTERO 9" SURFACE MOUNT ADJUSTABLE LED 3250LM-15600LM

Benefits

- Adjustable Design
- Fully adjustable LED modules. (Lockable tilt)
- J-box mount or conduit entry from bottom or side
- Durable, corrosion resistant finish
- Emergency back up available
- Can be used as up/down light, direct or indirect
- 5 year limited warranty
- 120V/277V Standard



Side View

Mounting Bracket
mounts to Junction Box
for easy installation

Front View

Electrical

AC 50/60Hz electronic direct current class 2 driver integrally mounted. Power Factor >0.90. For cold weather applications (-22°C and above) use -DUN driver option.

Mounting

Fixture includes a mounting bracket that installs onto a 3-1/2" or 4" octagonal junction box or directly onto a wall over a 3-1/2" or 4" octagonal junction box. Fixture can also be mounted (with mounting bracket) onto a wall for surface conduit entry using three (3) threaded 1/2 NPT trade conduit openings, one (1) on each side and one (1) on the bottom (or top if LED arrays are pointing up).

Emergency Options

Emergency LED Battery Back-up available, remotely mounted adjacent to housing by installer. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch, plate cover and junction box included.

Housing

Constructed with high grade die cast aluminum, high grade aluminum arms and heat sinks in a powder coat finish. WLP32 includes two (2) adjustable LED arrays with optics (rotates 135° up and 135° down), LED driver and a mounting bracket. Mounting bracket is secured to housing with two (2) stainless steel set screws.

DEXTERO™

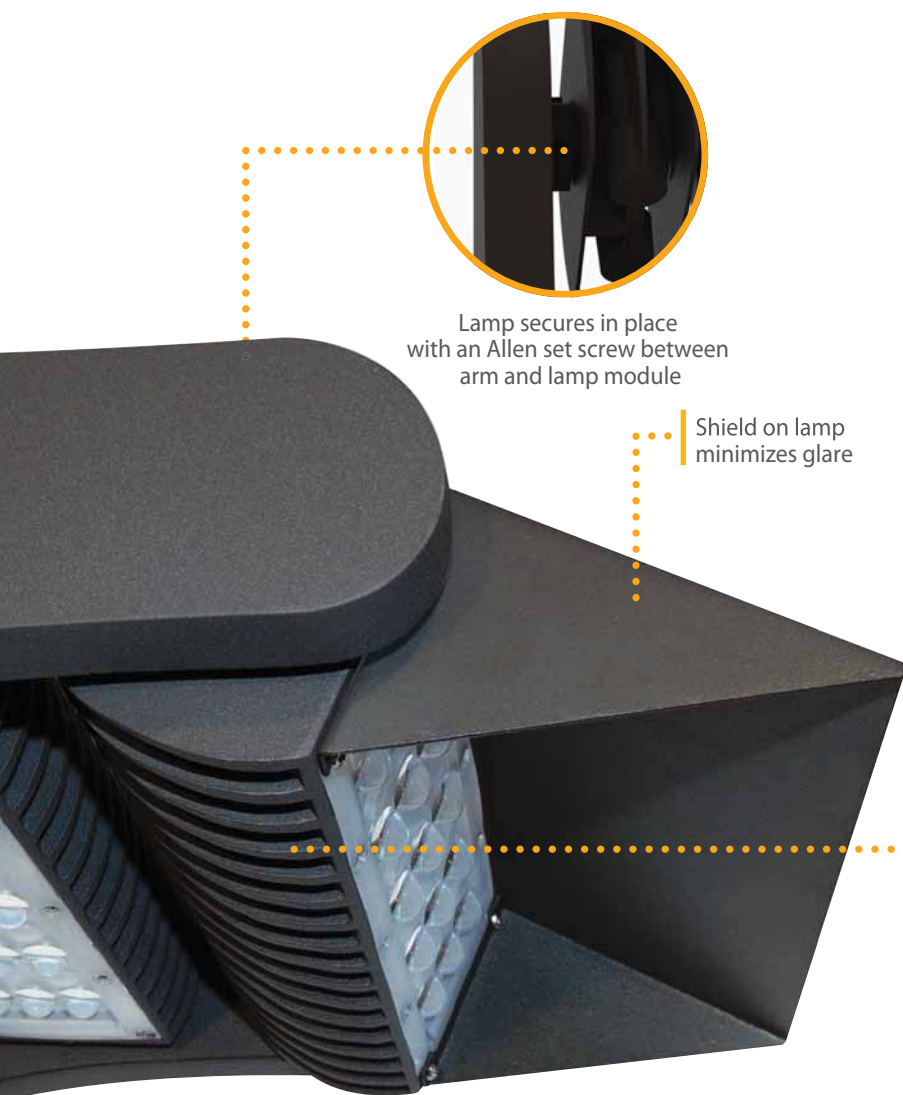
Removeable plugs
at sides and bottom
for conduit installation

Paint

A 7-stage electrostatic, polymer process provides a finish that delivers outstanding durability, superior anti-aging, and resistance to corrosion and UV-degradation.

Applications

Dextero™ is an agile lighting performer as a downlight for direct illumination or an uplight for indirect illumination in both interior and exterior lighting applications. Other applications include floodlighting and wall washing.

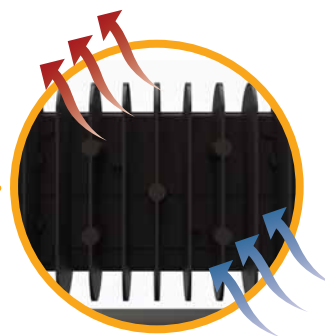


Lamp secures in place with an Allen set screw between arm and lamp module

Shield on lamp minimizes glare



WLP31, 1-Lamp at bottom left offers 3,200 to 7,800 lm
WLP32, 2-Lamp at top right offers 7,800 to 15,600 lm



Heat Sink to lower operating temperature

Dimming

(-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

Lumen Maintenance

Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results. See ordering guide for delivered lumens.

Warranty

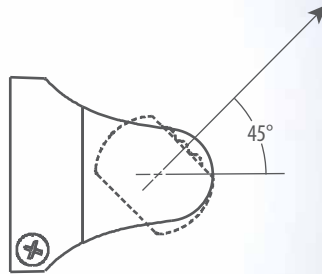
Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60°C. Doing so will result in reduced lamp life and voided warranty.



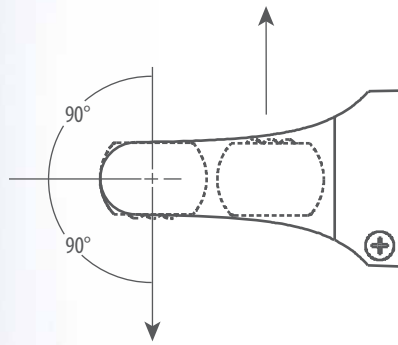
DEXTERO 9" SURFACE MOUNT ADJUSTABLE LED APPLICATIONS

1.

**INDIRECT
ILLUMINATION**

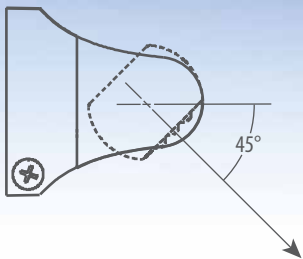


2.



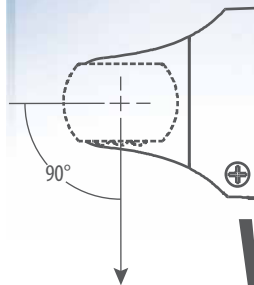
**↑ UP/DOWN ↓
ILLUMINATION**

3.



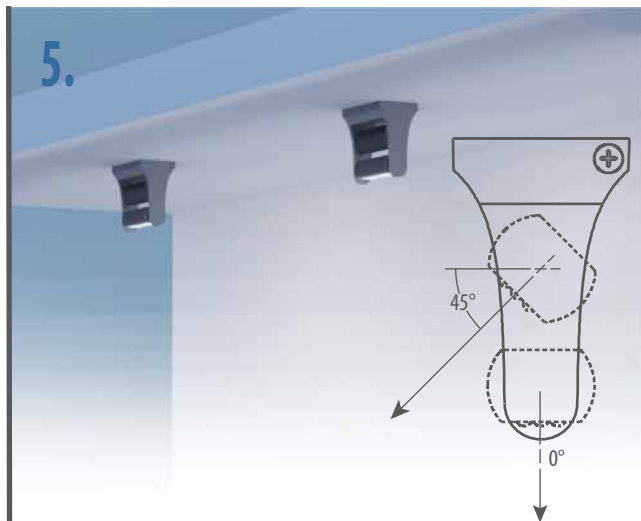
**WALL PACK
FORWARD THROW**

4.

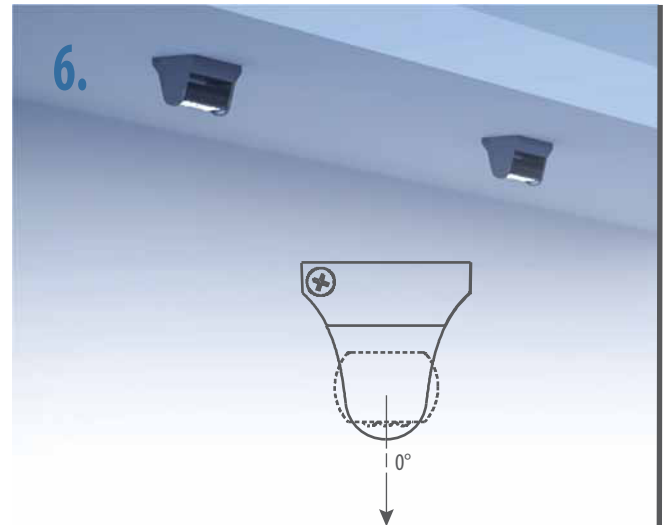


**WALL PACK
FULL CUT-OFF**

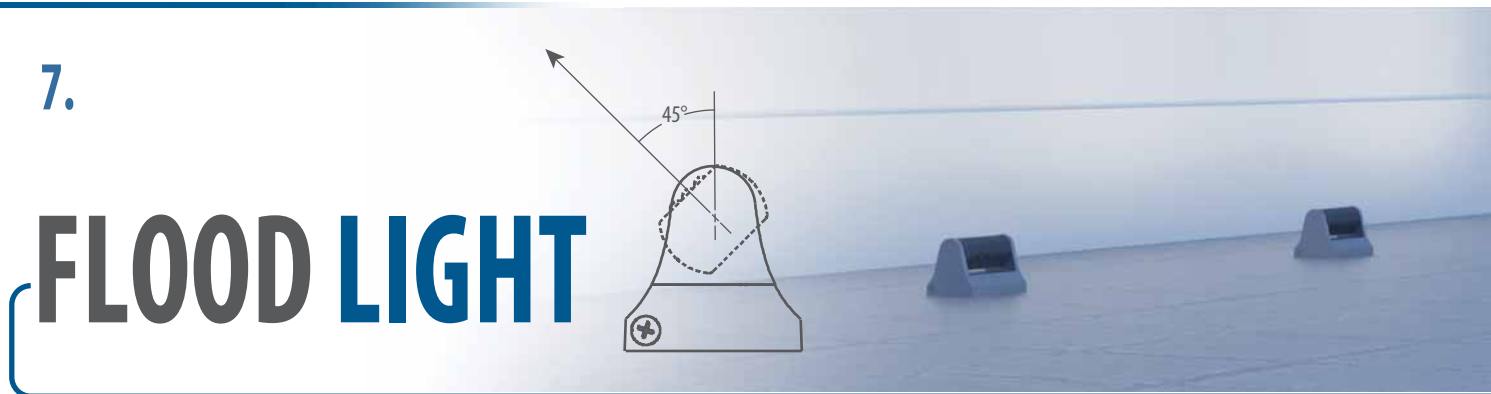
DEXTERO 9" SURFACE MOUNT ADJUSTABLE LED APPLICATIONS



**DOWNLIGHT
& WALL WASH**



DOWNLIGHT



FLOOD LIGHT



WALL WASH

DEXTERO 9" SURFACE MOUNT ADJUSTABLE LED OPTIONS

DAYLIGHT SENSOR OPTION

To promote energy savings and compliance with California Title 24 and ASHRAE code.



UNI-DIM 2-WIRE DIMMING

UniDim delivers smooth incandescent-like dimming performance from ELV, 0-10V and 2-Wire Triac dimming systems.

unidim™
UNIVERSAL DIMMING

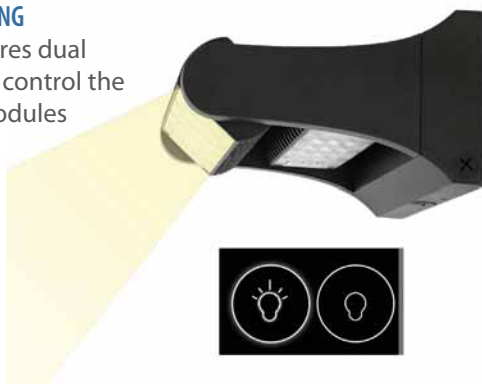


GLARE SHIELD

Neighbor friendly Glare Shield to control spill and light trespass and cut down on light pollution.

DUAL SWITCHING

WLP32 features dual switching to control the two lamp modules separately.



MULTIPLE FINISHES

7-stage electrostatic polymer powder coat finish in Bronze, Black White, or Silver for outstanding durability.



INTEGRAL EMERGENCY BACK-UP

When AC power fails, the device switches to emergency mode, operating for a minimum of 90 minutes.



MULTIPLE MOUNTING OPTIONS

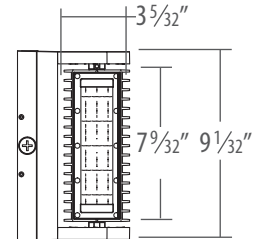
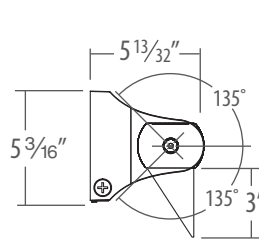
Dextero is extremely versatile for Downlight, Wall Wash, Floodlight, and Forward Throw applications.

DEXTERO 9" SURFACE MOUNT ADJUSTABLE LED ORDERING

WLP31: 1-LAMP (25W) **3250LM**, (40W) **5200LM**, (60W) **7800LM**



(Shown with Shield)



- Ideal for interior and/or outdoor settings
- Used as an uplight (indirect) or downlight (direct)
- Commercial or retail spaces
- Integral emergency option available

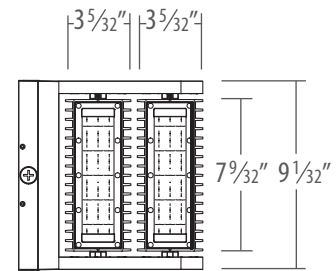
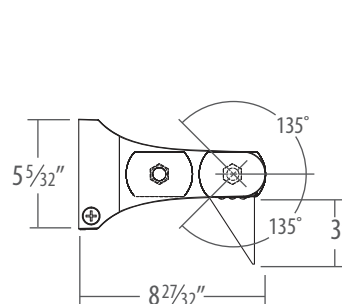
ORDERING

ITEM #	FINISH	LUMENS	DIMMING	LED	OPTIONS	SHIELDED
WLP31	Blank: Bronze	-25W: 3250lm	Blank: Non-Dimming	Blank: 4000K	Blank: None	Blank: None
	B: Black	-40W: 5200lm	UE-D10: 0-10V Dimming		-EM: Remote Emergency	-SH: Shield
	W: White	-60W: 7800lm	UE-DUN: 2-Wire, ELV, 0-10V		-EMA: Integral 10W EM Battery	
	S: Silver		Dimming (120V-277V)		-SDL: Integral Daylight Sensor	

WLP32: 2-LAMP (60W) **7800LM**, (80W) **10500LM**, (120W) **15600LM**



(Shown with Shield)



- Ideal for interior and/or outdoor settings
- Used as an uplight (indirect) or downlight (direct)
- Commercial or retail spaces
- Integral emergency option available

ORDERING

Example: **WLP32B-80W-UE-DUN-2CCT-SH**

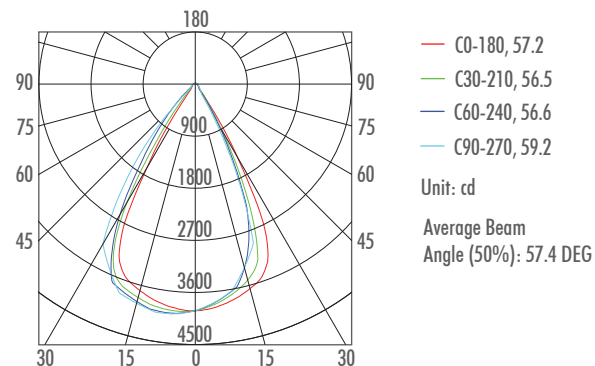
ITEM #	FINISH	LUMENS	DIMMING	LED	OPTIONS	SHIELDED
WLP32	Blank: Bronze	-60W: 7800lm	Blank: Non-Dimming	Blank: 4000K	Blank: None	Blank: None
	B: Black	-80W: 10500lm	UE-D10: 0-10V Dimming		-EM: Remote Emergency	-SH: Shield
	W: White	-120W: 15600lm	UE-DUN: 2-Wire, ELV, 0-10V		-SDL: Integral Daylight Sensor	
	S: Silver		Dimming (120V-277V)		-2CCT: Dual Switching	

DEXTERO WLP31 PHOTOMETRY

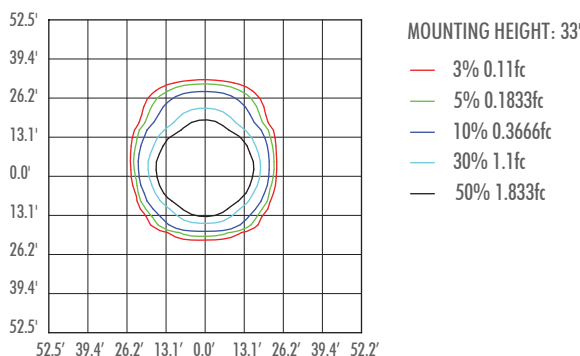
WLP31-25W - 25W/3250lm - 4000K

System Power:	25.0W	Lumen Multipliers	
Test Date:	9/2016	7800lm	2.4
Beam Angle 50%:	57.2°		
Field Angle 10%:	68.8°		
Color Temperature:	4000K		
CRI:	80		
Lumens Delivered:	3309.4lm		
CBCP:	4012cd		
Power Factor:	0.99		

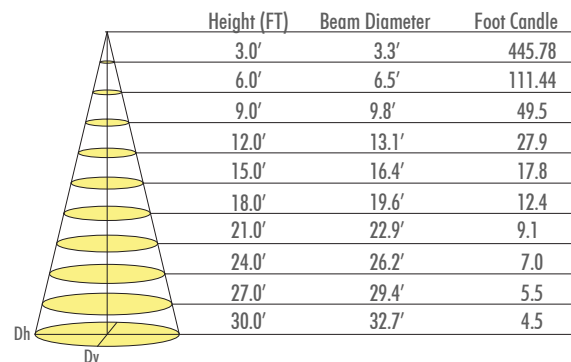
Luminous Intensity Distribution Curve



Iso FC Plot



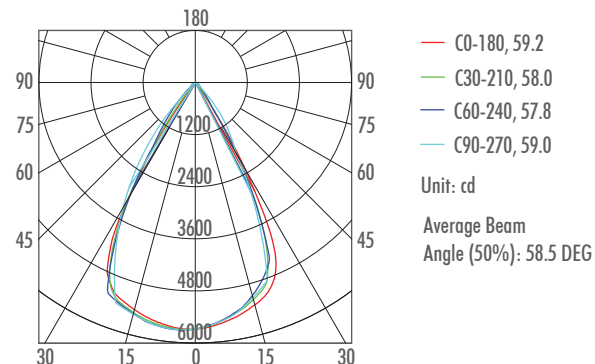
Illuminance At A Distance (Beam Angle)



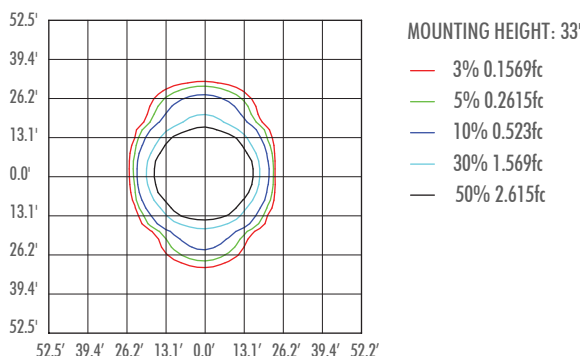
WLP31-40W - 40W/5200lm - 4000K

System Power:	41.3W	Lumen Multipliers	
Test Date:	9/2016	7800lm	1.5
Beam Angle 50%:	59.0°		
Field Angle 10%:	69.9°		
Color Temperature:	4000K		
CRI:	80		
Lumens Delivered:	4948.3lm		
CBCP:	5678.62cd		
Power Factor:	0.99		

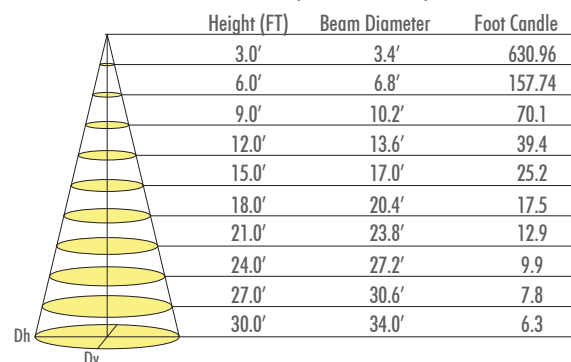
Luminous Intensity Distribution Curve



Iso FC Plot



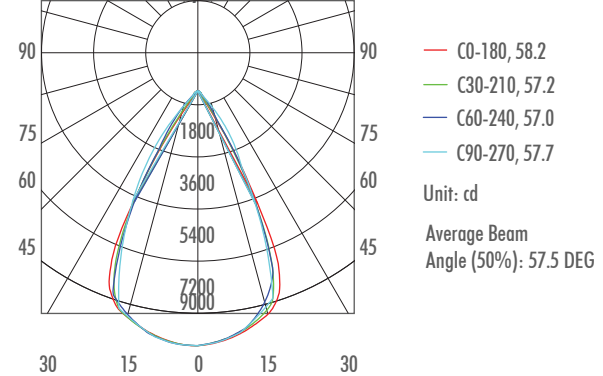
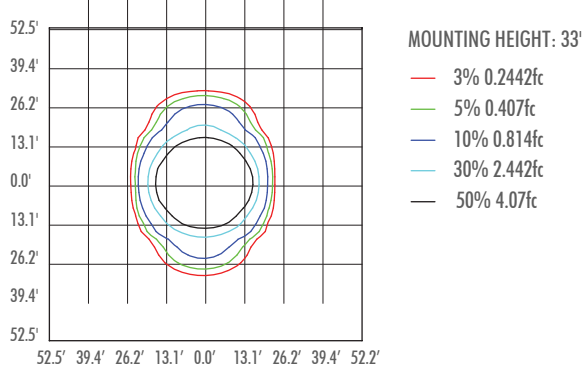
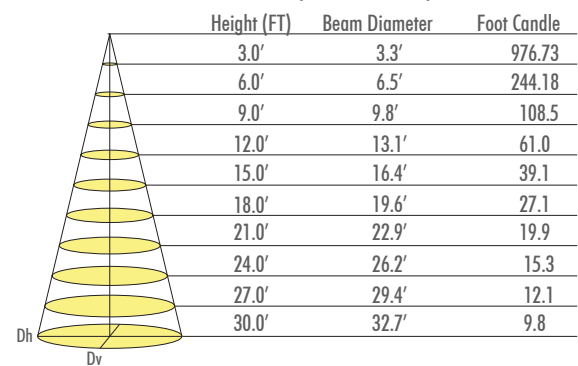
Illuminance At A Distance (Beam Angle)



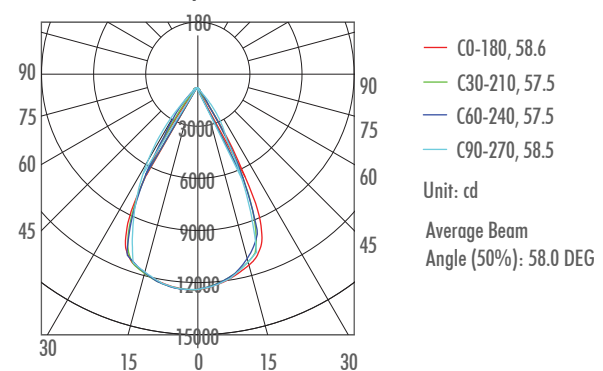
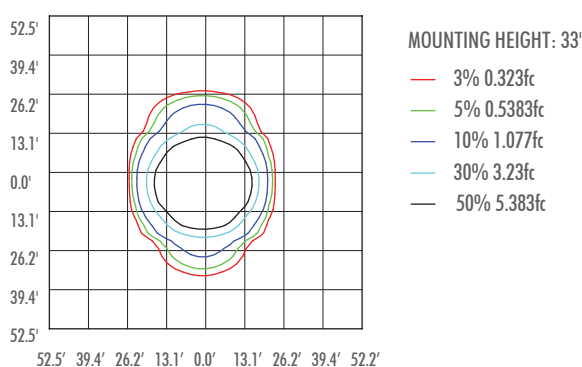
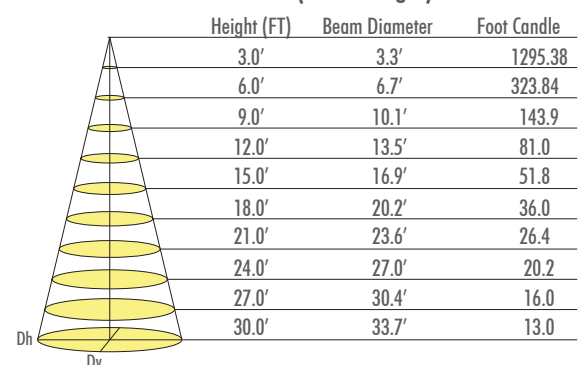
DEXTERO WLP32 PHOTOMETRY

WLP32-60W - 60W/7800lm - 4000K

System Power:	60.0W	Lumen Multipliers
Test Date:	9/2016	15600lm 2.0
Beam Angle 50%:	58.2°	
Field Angle 10%:	69.3°	
Color Temperature:	4000K	
CRI:	80	
Lumens Delivered:	7502lm	
CBCP:	8790.64cd	
Power Factor:	0.99	

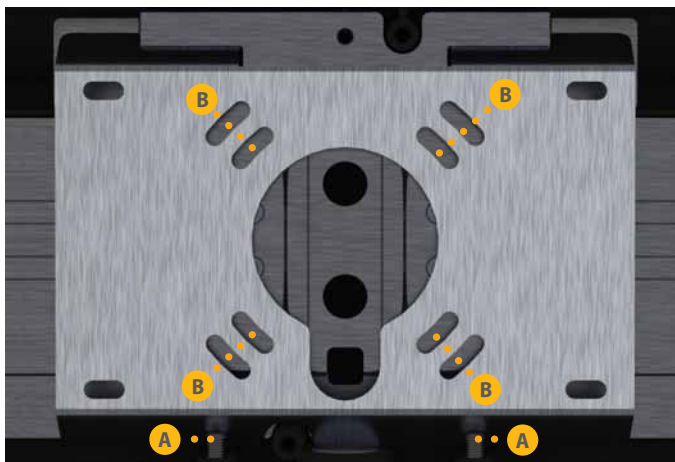
Luminous Intensity Distribution Curve**Iso FC Plot****Illuminance At A Distance (Beam Angle)****WLP32-80W - 80W/10500lm - 4000K**

System Power:	79.8W	Lumen Multipliers
Test Date:	9/2016	15600lm 1.48
Beam Angle 50%:	58.7°	
Field Angle 10%:	69.9°	
Color Temperature:	4000K	
CRI:	80	
Lumens Delivered:	10059lm	
CBCP:	11658.39cd	
Power Factor:	0.99	

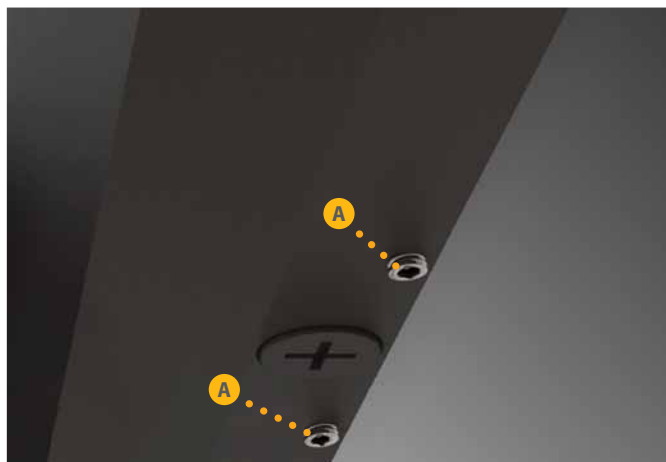
Luminous Intensity Distribution Curve**Iso FC Plot****Illuminance At A Distance (Beam Angle)**

DEXTERO WLP31 MOUNTING INSTRUCTIONS

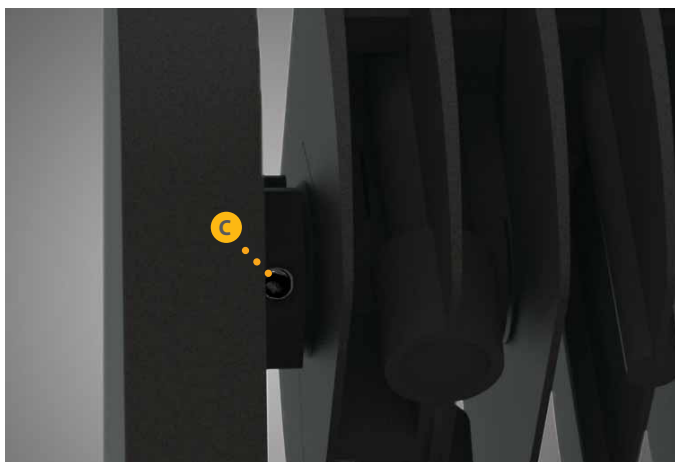
Installation on J-Box or Wiring with Conduit



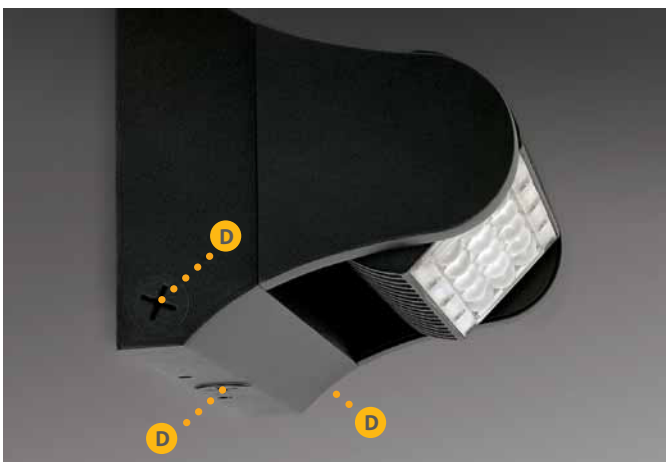
1. Loosen two set screws (A) at bottom of fixture with 3mm Allen Key to remove mounting plate from rear of housing. Screw mounting plate in four places (B) to standard 3" or 4" octagonal J-Box.



2. Connect fixture wires to line voltage, making sure to properly ground fixture. Hang fixture from mounting plate and secure set screws (A) at bottom of fixture to lock housing in place.

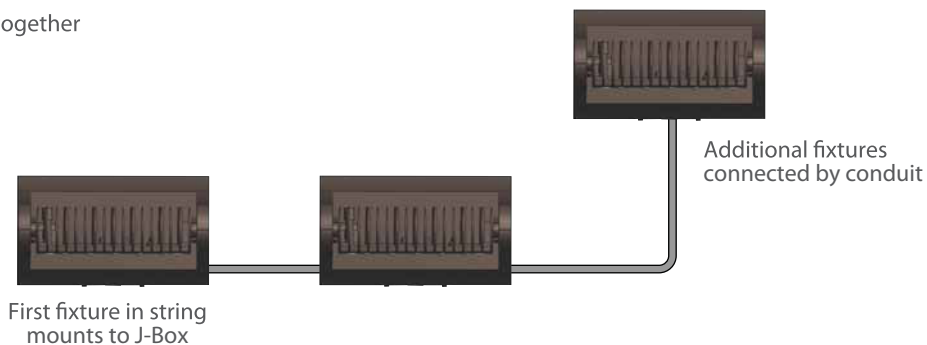


3. Once the fixture has been aimed, tighten screw (C) at side of lamp with a 2mm Allen key to lock the lamp in place.



4. In locations where J-Box mounting is not available, fixture can be wired by connecting fixture to conduit and pulling wires. Conduit plugs (D) are located on three sides of fixture.

5. Multiple fixtures can be tied together when wiring using conduit.



UNIDIM ALL-IN-ONE UNIVERSAL LED DRIVER

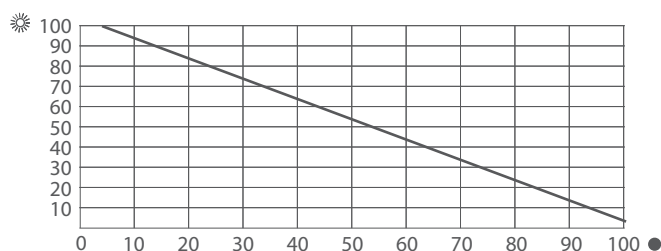
unidim™ UNIVERSAL DIMMING

- Universal Dimming (ELV, Incandescent, 0-10V)
- Universal Voltage (120V/277V)

Four Great Reasons to choose UniDim™

- 1. Avoid Expensive Rewiring or Dimmer Replacement**
UniDim™ works with Incandescent/Triac, 0-10V and ELV Dimmers.
- 2. Avoid Dimmer Compatibility Issues**
UniDim is compatible with Lutron, Leviton and most popular dimmer systems.
- 3. Smooth Flicker-Free Dimmer Compatibility**
UniDim delivers smooth, incandescent-like dimming performance from ELV, 0-10V, and 120V dimming systems.
- 4. Reduce Inventory and Fixture Variety**
UniDim™ is available on all Liton Gen2 Architectural LED and MiniArc LED Housings

Distributors supplying new construction projects can now purchase and warehouse just one product to accommodate several different projects. Specifiers can now use just one product to satisfy all the needs of a project regardless of existing or planned wiring or lighting control systems.



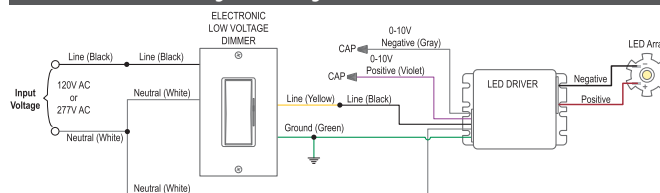
Smooth Flicker-Free Dimmer Compatibility

UniDim™ intelligent lighting technology eliminates the gaps, jumps and sections of inconsistency that are typical when controlling LED products with Triac/Incandescent controls. UniDim™ provides the same smooth, uniform response when dimming LED that you would expect when dimming an incandescent product.

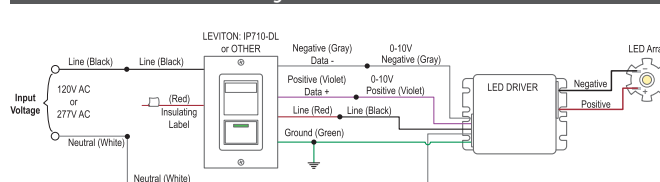
Stock or specify just one LED housing to handle most LED dimmers.

Dimmer Wiring Diagrams

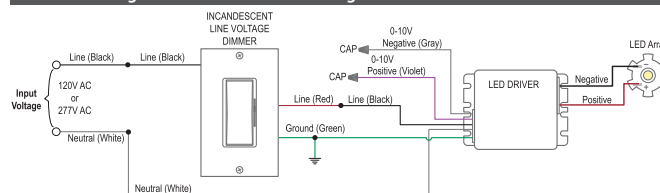
Electronic Low Voltage Dimming (120V)



0-10V Fluorescent Dimming (120-277V AC)



Line Voltage/Incandescent Dimming (120V)



D E X T E R O

Liton[®]
L I G H T I N G

- J-BOX MOUNT
- ADJUSTABLE DESIGN
- 120V/277V STANDARD
- INTEGRAL EMERGENCY OPTION
- 5 YEAR LIMITED WARRANTY



DEXTERO[™]

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