



## Contents

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**General:** Warp is a family low brightness, high-performance LED downlights suitable to illuminate both commercial and residential applications. Warp's ultra-thin flange makes the trim blend quietly with the surrounding ceiling. A polycarbonate lens combined with optical components that have different levels of opacity guarantees a clean beam and optimal efficiency throughout the entire Warp family.

**Fixture Body:** Powder Coated Die-Cast Aluminum

**Trim:** Bezel, Round or Square.

**Mounting:** Recessed ceiling.

**Dimensions/Weight:**

Round: 2.7" (0.10 lbs) – 4.3" (0.17 lbs) – 4.5" (0.55 lbs) – 5.1" (1.13 lbs)

Square: 2.0"@2W (0.10 lbs) – 2.0"@4W (0.17 lbs) – 2.8" (0.55 lbs) – 3.9" (1.13 lbs)

**Driver:** Remote, 120-277V Dimmable 0-10V or Non-Dim.

**Operation:** Constant Current (CC)

**CC features:** Less susceptible to voltage drop (exceeding 32' distance); Allows for dimming down to 0.1%; Fixtures need to be wired in series.

**Wattages:** 3W (2.7" Round & 2.0" Square) – 4W (4.3" Round & 2.0" Square) – 10W (4.5" Round & 2.8" Square) – 15W (5.1" Round & 3.9" Square)

**Cable:** Fixture comes with 0.56' of power cable (fixtures larger than 3.9" are equipped with a 0.9' power cord).

**IP rating:** IP44 (with an IP65 rating of the optical chamber). Fixture is protected against solid objects greater than 0.04" and against water splashes on the fixture trim or lens. Not suitable for Outdoor applications or direct water jets.

**ETL Certification:** ETL, damp location

**Optics:** Asymmetric (refer to Warp Adjustable and Fixed spec sheets for additional options). Available in Spot – Flood – Wide Flood. Fixture is also available with Honeycomb louver.

**Color temperatures:** 2700K – 3000K – 3500K – 4000K.

**CRI:** 92

**Lumen Maintenance:** L70 projections tested at Tj 65° C and Ta 25°.

**Warranty:** 5-year Limited Warranty on fixtures. 1-year Limited Warranty on Remote Drivers.



2.0" (3W)

4.3" (4W)



3.9" (15W)

5.1" (25W)

Round Fixed Delivered Lumens*	2.7" (3W)	4.3" (4W)	4.5" (10W)	5.1" (15W)
SP	156	269	700	1190
FL	153	233	725	1075
WFL	137	244	635	1012

\*Values shown for 3000K

Round Honeycomb Delivered Lumens*	2.7" (3W)	4.3" (4W)	4.5" (10W)	5.1" (15W)
SP	126	203	435	1042
FL	139	149	507	908
WFL	102	160	387	709

\*Values shown for 3000K

Square Fixed Delivered Lumens*	2.0" (3W)	2.0" (4W)	2.8" (10W)	3.9" (15W)
SP	170	275	678	933
FL	165	249	725	1199
WFL	182	267	638	1157

\*Values shown for 3000K

Square Honeycomb Delivered Lumens*	2.0" (3W)	2.0" (4W)	2.8" (10W)	3.9" (15W)
SP	126	203	435	1042
FL	139	149	507	908
WFL	102	160	387	709

\*Values shown for 3000K

Ordering Information							(Required)	
Product	Trim/Finish	Type	Diameter	Wattage/Operation	Color Temp	Optic	+	Driver <sup>1</sup>
WAR = Warp	RWH = Round White RBL = Round Black	AS = Asymmetric	27 = 2.7"	3 CC = 3W / Constant Current (1000mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot FL = Flood WFL = Wide Flood		ECO30W-XXX SOLO50W-XXX SOLO100W-XXX
	RWH = Round White RBL = Round Black	ASHC = Asymmetric Honeycomb	27 = 2.7"	3 CC = 3W / Constant Current (1000mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot FL = Flood WFL = Wide Flood		

Ordering Information							(Required)	
Product	Trim/Finish	Type	Diameter	Wattage/Operation	Color Temp	Optic	+	Driver <sup>1</sup>
WAR = Warp	RWH = Round White RBL = Round Black	AS = Asymmetric	43 = 4.3"	4 CC = 4W / Constant Current (350mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot FL = Flood WFL = Wide Flood		ECO30W-XXX SOLO50W-XXX SOLO100W-XXX
	RWH = Round White RBL = Round Black	ASHC = Asymmetric Honeycomb	43 = 4.3"	4 CC = 4W / Constant Current (350mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot FL = Flood WFL = Wide Flood		

Ordering Information							(Required)	
Product	Trim/Finish	Type	Diameter	Wattage/Operation	Color Temp	Optic	+	Driver <sup>1</sup>
WAR = Warp	RWH = Round White RBL = Round Black	AS = Asymmetric	45 = 4.5"	10 CC = 10W / Constant Current (800mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot FL = Flood WFL = Wide Flood		ECO30W-XXX SOLO50W-XXX SOLO100W-XXX
	RWH = Round White RBL = Round Black	ASHC = Asymmetric Honeycomb	45 = 4.5"	10 CC = 10W / Constant Current (800mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot FL = Flood WFL = Wide Flood		

Ordering Information							(Required)	
Product	Trim/Finish	Type	Diameter	Wattage/Operation	Color Temp	Optic	+	Driver <sup>1</sup>
WAR = Warp	RWH = Round White RBL = Round Black	AS = Asymmetric	51 = 5.1"	15 CC = 15W / Constant Current (400mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot FL = Flood WFL = Wide Flood		ECO30W-XXX SOLO50W-XXX SOLO100W-XXX
	RWH = Round White RBL = Round Black	ASHC = Asymmetric Honeycomb	51 = 5.1"	15 CC = 15W / Constant Current (400mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot FL = Flood WFL = Wide Flood		

Ordering Information							(Required)	
Product	Trim/Finish	Type	Diameter	Wattage/Operation	Color Temp	Optic	+	Driver <sup>1</sup>
WAR = Warp	SWH = Square White SBL = Square Black	F = Fixed	20 = 2.0"	3 CC = 3W / Constant Current (1000mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot FL = Flood WFL = Wide Flood	+	ECO30W-XXX SOLO50W-XXX SOLO100W-XXX
	SWH = Square White SBL = Square Black	FHC = Fixed HoneyComb	20 = 2.0"	3 CC = 3W / Constant Current (1000mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot FL = Flood WFL = Wide Flood		

Ordering Information							(Required)	
Product	Trim/Finish	Type	Diameter	Wattage/Operation	Color Temp	Optic	+	Driver <sup>1</sup>
WAR = Warp	SWH = Square White SBL = Square Black	F = Fixed	20 = 2.0"	4 CC = 4W / Constant Current (350mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot FL = Flood WFL = Wide Flood	+	ECO30W-XXX SOLO50W-XXX SOLO100W-XXX
	SWH = Square White SBL = Square Black	FHC = Fixed HoneyComb	20 = 2.0"	4 CC = 4W / Constant Current (350mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot FL = Flood WFL = Wide Flood		

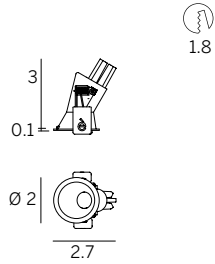
Ordering Information							(Required)	
Product	Trim/Finish	Type	Diameter	Wattage/Operation	Color Temp	Optic	+	Driver <sup>1</sup>
WAR = Warp	SWH = Square White SBL = Square Black	F = Fixed	28 = 2.8"	10 CC = 10W / Constant Current (800mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot FL = Flood WFL = Wide Flood	+	ECO30W-XXX SOLO50W-XXX SOLO100W-XXX
	SWH = Square White SBL = Square Black	FHC = Fixed HoneyComb	28 = 2.8"	10 CC = 10W / Constant Current (800mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot FL = Flood WFL = Wide Flood		

Ordering Information							(Required)	
Product	Trim/Finish	Type	Diameter	Wattage/Operation	Color Temp	Optic	+	Driver <sup>1</sup>
WAR = Warp	SWH = Square White SBL = Square Black	F = Fixed	39 = 3.9"	15 CC = 15W / Constant Current (400mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot FL = Flood WFL = Wide Flood	+	ECO30W-XXX SOLO50W-XXX SOLO100W-XXX
	SWH = Square White SBL = Square Black	FHC = Fixed HoneyComb	39 = 3.9"	15 CC = 15W / Constant Current (400mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot FL = Flood WFL = Wide Flood		

# Warp Asymmetric

## ROUND

### 2.7" 2W 630mA



1.8

#### DRIVER OPTIONS (pick one)

#### C.C. Power supply options (remote only)

##### ECO30W-630

0-10V EldoLED  
ECOdrive 30W  
for 1-10 fixtures

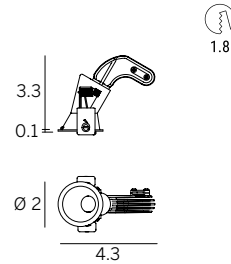
##### SOLO50W-630

0-10V EldoLED  
SOLOdrive 50W  
for 1-16 fixtures

##### SOLO100W-630

0-10V EldoLED  
SOLOdrive 100W  
for 1-32 fixtures

### 4.3" 4W 350mA



1.8

#### DRIVER OPTIONS (pick one)

#### C.C. Power supply options (remote only)

##### ECO30W-350

0-10V EldoLED  
ECOdrive 30W  
for 1-3 fixtures

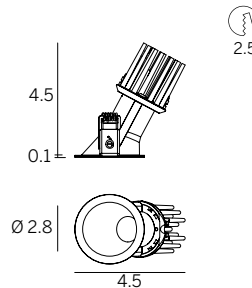
##### SOLO50W-350

0-10V EldoLED  
SOLOdrive 50W  
for 1-6 fixtures

##### SOLO100W-350

0-10V EldoLED  
SOLOdrive 100W  
for 1-12 fixtures

### 4.5" 10W 800mA



2.5

#### DRIVER OPTIONS (pick one)

#### C.C. Power supply options (remote only)

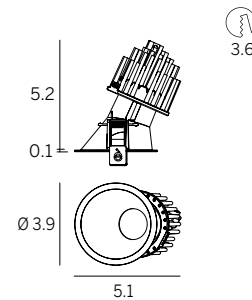
##### ECO30W-800

0-10V EldoLED  
ECOdrive 30W  
for 1-2 fixtures

##### SOLO100W-800

0-10V EldoLED  
SOLOdrive 100W  
for 1-4 fixtures

### 5.1" 15W 400mA



3.6

#### DRIVER OPTIONS (pick one)

#### C.C. Power supply options (remote only)

##### ECO30W-400

0-10V EldoLED  
ECOdrive 30W  
for 1 fixture

##### SOLO50W-400

0-10V EldoLED  
SOLOdrive 50W  
for 1-2 fixtures

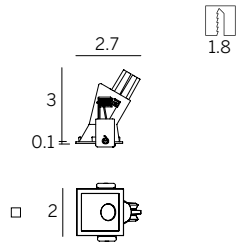
##### SOLO100W-400

0-10V EldoLED  
SOLOdrive 100W  
for 1-4 fixtures

# Warp Asymmetric

## SQUARE

### 2.0" 2W 630mA

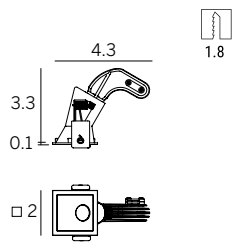


#### DRIVER OPTIONS (pick one)

#### C.C. Power supply options (remote only)

ECO30W-630	SOLO50W-630	SOLO100W-630
0-10V EldoLED ECOdrive 30W for 1-10 fixtures	0-10V EldoLED SOLOdrive 50W for 1-16 fixtures	0-10V EldoLED SOLOdrive 100W for 1-32 fixtures

### 2.0" 4W 350mA

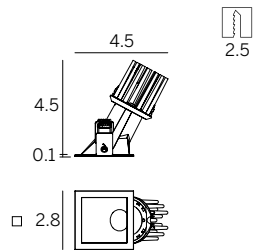


#### DRIVER OPTIONS (pick one)

#### C.C. Power supply options (remote only)

ECO30W-350	SOLO50W-350	SOLO100W-350
0-10V EldoLED ECOdrive 30W for 1-3 fixtures	0-10V EldoLED SOLOdrive 50W for 1-6 fixtures	0-10V EldoLED SOLOdrive 100W for 1-12 fixtures

### 2.8" 10W 800mA

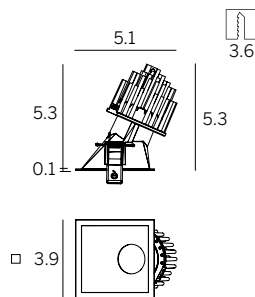


#### DRIVER OPTIONS (pick one)

#### C.C. Power supply options (remote only)

ECO30W-800	SOLO100W-800
0-10V EldoLED ECOdrive 30W for 1-2 fixtures	0-10V EldoLED SOLOdrive 100W for 1-4 fixtures

### 3.9" 15W 400mA



#### DRIVER OPTIONS (pick one)

#### C.C. Power supply options (remote only)

ECO30W-400	SOLO50W-400	SOLO100W-400
0-10V EldoLED ECOdrive 30W for 1 fixture	0-10V EldoLED SOLOdrive 50W for 1-2 fixtures	0-10V EldoLED SOLOdrive 100W for 1-4 fixtures