Warp Fixed

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IP44

Contents

2 delivered lumens
3 product configurator
5 diagrams / drivers

1.4" (2W)

1.7" (6W)

2.8" (10W)

3.9" (15W)

5.3" (25W)

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: 1.4"@2W (0.10 lbs) – 1.4"@4W (0.17 lbs) – 1.7" (0.28 lbs) – 2.8" (0.55 lbs) – 3.9" (1.13 lbs) – 5.3" (2.05 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: 2W (1.4") – 4W (1.4") – 6W (1.7") – 8W (2.8") – 15W (3.9") – 25W (5.3")
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: Fixed (refer to Warp Adjustable and Asymmetric 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, (1.7", 2W 80 CRI)

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.

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Round Fixed Delivered Lumens*	1.4" (2W)	1.7" (2W)	1.7" (6W)	2.8" (10W)	3.9" (15W)	5.3" (25W)
USP	–	123	–	–	–	–
SP	146	–	519	703	–	–
NFL	163	–	425	747	1305	1986
FL	–	–	–	668	1224	1965
MWFL	162	–	–	–	–	1142
WFL	–	–	407	–	1066	–

*Values shown for 3000K

Square Fixed Delivered Lumens*	1.4" (2W)	1.7" (2W)	1.7" (6W)	2.8" (10W)	3.9" (15W)	5.3" (25W)
USP	–	135	–	–	–	–
SP	160	–	528	733	–	–
NFL	154	–	435	734	1305	2064
FL	–	–	–	–	1227	2050
MWFL	177	–	–	666	–	–
WFL	–	–	472	–	1086	1985

*Values shown for 3000K

Round Honeycomb Delivered Lumens*	1.4" (2W)	1.7" (6W)	2.8" (10W)	3.9" (15W)	5.3" (25W)
SP	118	355	523	–	1525
NFL	111	251	526	913	–
FL	97	228	350	864	1379
MWFL	–	–	–	811	1142
WFL	–	–	–	–	–

*Values shown for 3000K

Square Honeycomb Delivered Lumens*	1.4" (2W)	1.7" (6W)	2.8" (10W)	3.9" (15W)	5.3" (25W)
SP	126	366	457	–	–
NFL	118	265	529	1082	1495
FL	–	–	395	864	1409
MWFL	109	245	–	811	1244
WFL	–	–	–	–	–

*Values shown for 3000K

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ROUND

Ordering Information								(Required)[5]
WAR			14	3 - CC				
Product	**Trim/Finish**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Driver**
WAR = Warp	RWH = Round White RBL = Round Black	F = Fixed	14 = 1.4"	3 CC = 3W / Constant Current (630mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot (19°) NFL = Narrow Flood (26°) MWFL = Medium Wide Flood (47°)		ECO30W-XXX SOLO50W-XXX SOLO100W-XXX
	RWH = Round White RBL = Round Black	FHC = Fixed HoneyComb	14 = 1.4"	3 CC = 3W / Constant Current (630mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot (19°) NFL = Narrow Flood (24°) FL = Flood (35°)		

Ordering Information								(Required)[5]
WAR			17					
Product	**Trim/Finish**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Driver**
WAR = Warp	RWH = Round White RBL = Round Black	F = Fixed	17 = 1.7"	2 CC = 2W / Constant Current (630mA) 6 CC = 6.3W / Constant Current (700mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	USP = Ultra Spot (5°)(2W Only) SP = Spot (19°) NFL = Narrow Flood (28°) WFL = Wide Flood (51°)		ECO30W-XXX SOLO50W-XXX SOLO100W-XXX
	RWH = Round White RBL = Round Black	FHC = Fixed HoneyComb	17 = 1.7"	6 CC = 6.3W / Constant Current (700mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot (18°) NFL = Narrow Flood (25°) FL = Flood (39°)		

Ordering Information								(Required)[5]
WAR			28	10 - CC				
Product	**Trim/Finish**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Driver**
WAR = Warp	RWH = Round White RBL = Round Black	F = Fixed	28 = 2.8"	10 CC = 10W / Constant Current (800mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	USP = Ultra Spot (5°)(2W Only) SP = Spot (19°) NFL = Narrow Flood (28°) WFL = Wide Flood (51°)		ECO30W-XXX SOLO50W-XXX SOLO100W-XXX
	RWH = Round White RBL = Round 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 (18°) NFL = Narrow Flood (25°) FL = Flood (39°)		

Ordering Information								(Required)[5]
WAR			39	15 - CC				
Product	**Trim/Finish**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Driver**
WAR = Warp	RWH = Round White RBL = Round Black	F = Fixed	39 = 3.9"	15 CC = 15W / Constant Current (400mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	NFL = Narrow Flood (23°) FL = Flood (38°) WFL = Wide Flood (52°)		ECO30W-XXX SOLO50W-XXX SOLO100W-XXX
	RWH = Round White RBL = Round 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	NFL = Narrow Flood (21°) FL = Flood (34°) MWFL = Medium Wide Flood (47°)		

Ordering Information								(Required)[5]
WAR			53	25 - CC				
Product	**Trim/Finish**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Driver**
WAR = Warp	RWH = Round White RBL = Round Black	F = Fixed	53 = 5.3"	25 CC = 25W / Constant Current (700mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	NFL = Narrow Flood (21°) FL = Flood (34°) MWFL = Medium Wide Flood (39°)		ECO30W-XXX SOLO50W-XXX SOLO100W-XXX
	RWH = Round White RBL = Round Black	FHC = Fixed HoneyComb	53 = 5.3"	25 CC = 25W / Constant Current (700mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot (20°) FL = Flood (33°) MWFL = Medium Wide Flood (38°)		

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Ordering Information								(Required)[5]
WAR			14	3 - CC				
Product	**Trim/Finish**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Driver**
WAR = Warp	SWH = Square White SBL = Square Black	F = Fixed	14 = 1.4"	3 CC = 3W / Constant Current (630mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot (21°) NFL = Narrow Flood (28°) MWFL = Medium Wide Flood (50°)		ECO30W-XXX SOLO50W-XXX SOLO100W-XXX
	SWH = Square White SBL = Square Black	FHC = Fixed HoneyComb	14 = 1.4"	3 CC = 3W / Constant Current (630mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot (20.8°) NFL = Narrow Flood (25°) MWFL = Medium Wide Flood (41°)		

Ordering Information								(Required)[5]
WAR			17					
Product	**Trim/Finish**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Driver**
WAR = Warp	SWH = Square White SBL = Square Black	F = Fixed	17 = 1.7"	2 CC = 2W / Constant Current (630mA) 6 CC = 6.3W / Constant Current (700mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	USP = Ultra Spot (5°)(2W Only) SP = Spot (19°) NFL = Narrow Flood (29°) WFL = Wide Flood (51°)		ECO30W-XXX SOLO50W-XXX SOLO100W-XXX
	SWH = Square White SBL = Square Black	FHC = Fixed HoneyComb	17 = 1.7"	6 CC = 6.3W / Constant Current (700mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	SP = Spot (17°) NFL = Narrow Flood (24°) MWFL = Medium Wide Flood (40°)		

Ordering Information								(Required)[5]
WAR			28	10 - CC				
Product	**Trim/Finish**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Driver**
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 (18°) NFL = Narrow Flood (29°) MWFL = Medium Wide Flood (46°)		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 (17°) NFL = Narrow Flood (24°) FL = Flood (38°)		

Ordering Information								(Required)[5]
WAR			39	15 - CC				
Product	**Trim/Finish**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Driver**
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	NFL = Narrow Flood (23°) FL = Flood (38°) WFL = Wide Flood (54°)		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	NFL = Narrow Flood (21°) FL = Flood (34°) MWFL = Medium Wide Flood (47°)		

Ordering Information								(Required)[5]
WAR			53	25 - CC				
Product	**Trim/Finish**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Driver**
WAR = Warp	SWH = Square White SBL = Square Black	F = Fixed	53 = 5.3"	25 CC = 25W / Constant Current (700mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	NFL = Narrow Flood (22°) FL = Flood (38°) WFL = Wide Flood (50°)		ECO30W-XXX SOLO50W-XXX SOLO100W-XXX
	SWH = Square White SBL = Square Black	FHC = Fixed HoneyComb	53 = 5.3"	25 CC = 25W / Constant Current (700mA)	92-27 = 2700K 92-30 = 3000K 92-35 = 3500K 92-40 = 4000K	NFL = Narrow Flood (21°) FL = Flood (36°) MWFL = Medium Wide Flood (46°)		

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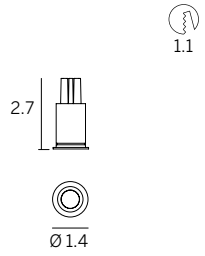
ROUND

1.4" 2W 630mA

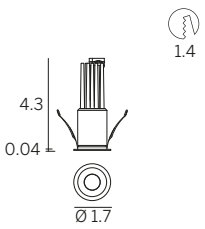


DRIVER OPTIONS (pick one)

C.C. Power supply options (remote only)

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

1.7" 2W 630mA

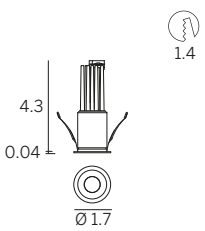


DRIVER OPTIONS (pick one)

C.C. Power supply options (remote only)

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

1.7" 6.3W 700mA

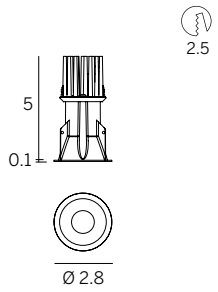


DRIVER OPTIONS (pick one)

C.C. Power supply options (remote only)

ECO30W-700	SOLO50W-700	SOLO100W-700
0-10V EldoLED	0-10V EldoLED	0-10V EldoLED
ECOdrive 30W	SOLOdrive 50W	SOLOdrive 100W
for 1-3 fixtures	for 1-6 fixtures	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	0-10V EldoLED
ECOdrive 30W	SOLOdrive 100W
for 1-2 fixtures	for 1-4 fixtures

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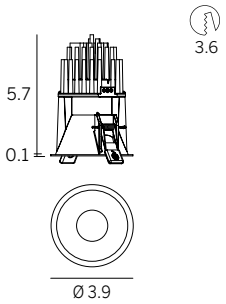
3.9" 15W 400mA

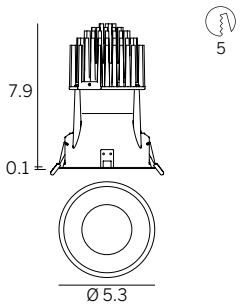


DRIVER OPTIONS (pick one)

C.C. Power supply options (remote only)

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

5.3" 25W 700mA



DRIVER OPTIONS (pick one)

C.C. Power supply options (remote only)

SOLO50W-700	**SOLO100W-700**
0-10V EldoLED	0-10V EldoLED
SOLOdrive 50W	SOLOdrive 100W
for 1 fixture	for 1-3 fixtures

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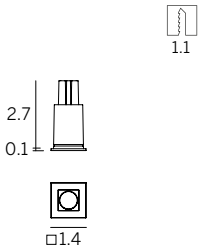
1.4" 2W 630mA

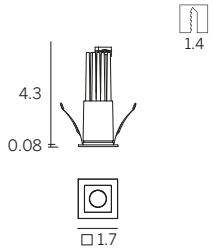


DRIVER OPTIONS (pick one)

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

1.7" 2W 630mA

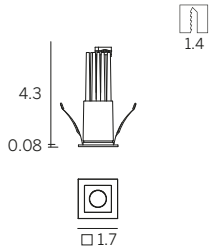


DRIVER OPTIONS (pick one)

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

1.7" 6.3W 700mA

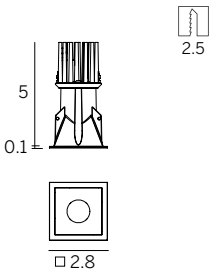


DRIVER OPTIONS (pick one)

C.C. Power supply options (remote only)

ECO30W-700 0-10V EldoLED ECOdrive 30W for 1-3 fixtures	**SOLO50W-700** 0-10V EldoLED SOLOdrive 50W for 1-6 fixtures	**SOLO100W-700** 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 0-10V EldoLED ECOdrive 30W for 1-2 fixtures	**SOLO100W-800** 0-10V EldoLED SOLOdrive 100W for 1-4 fixtures

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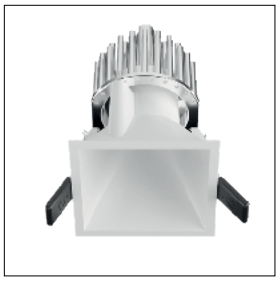
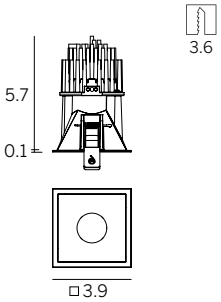
3.9" 15W 400mA



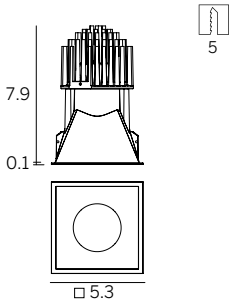


DRIVER OPTIONS (pick one)

C.C. Power supply options (remote only)

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

5.3" 25W 700mA



DRIVER OPTIONS (pick one)

C.C. Power supply options (remote only)

SOLO50W-700	**SOLO100W-700**
0-10V EldoLED	0-10V EldoLED
SOLOdrive 50W	SOLOdrive 100W
for 1 fixture	for 1-3 fixtures