CASPIAN

Inground Uplight

5 YEAR WARRANTY | ETL US | RGBW | IP67 | 4400lbs 20mph

Applications: Building perimeters, bars & shopping malls, corporate offices building facades & entrances architectural

PERFORMANCE SUMMARY

With enough impact resistance to withstand both foot and vehicle traffic, the Caspian Inground LED Floor Fitting is available in three sizes and can be fitted with a wide range of optics (symmetrical, asymmetrical, fixed or adjustable beam reflectors) trims or housings, depending on different light engineering and installation requirements.

Construction

- Durable extruded die cast aluminium housing
- Thermal shock resistant glass lens cover rated to 4,400lbs/20mph
- High impact protection rating (IK10) protects from acts of vandalism
- Elegant marine grade stainless steel trim
- 113°F surface touch temperature

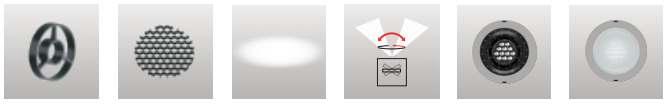
Optics

- Glare reducing baffle option
- Wash model in both wide and narrow asymmetric beam for ingrade wall lighting applications
- 15° manual lens tilt
- CRI: RA80

Electrical

- 240V or 24V DC RGB colour changing option, with inbuilt driver interface to DMX decoding system
- Volts: AC100-277V or 24V DC
- Environment Location: IP67
- Average Rated Life: 100,000hrs
- Ambient Temp: -4°F to 113°F

ACCESSORIES

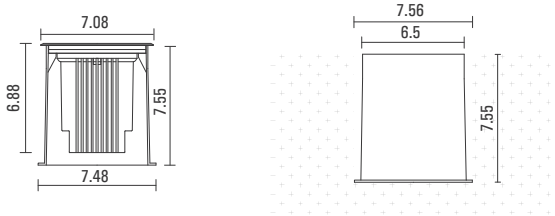


Concentric Louver | Baffle Louver | Oval Beam | 15° Adjustable Rotatable | Antislip Lens | Frosted Lens

DIMENSIONS

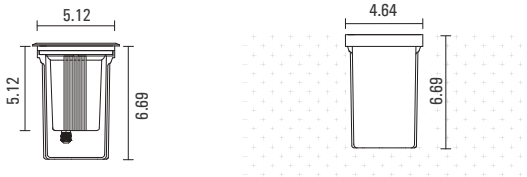
Wash

Weight: 10.1lbs (4.6kg)



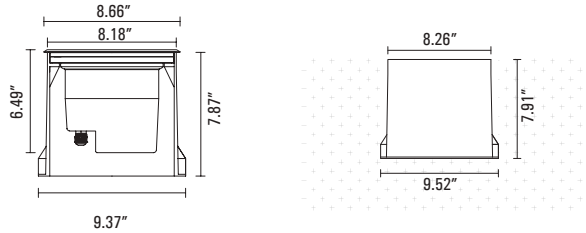
Mini

Weight: 2.0lbs (0.9kg)



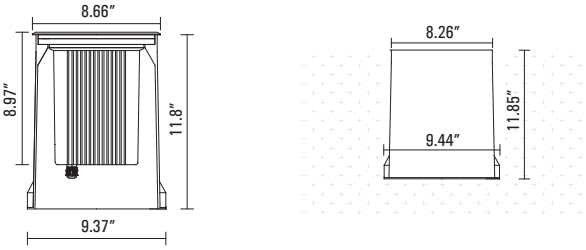
Standard

Weight: 10.6lbs (4.8kg)



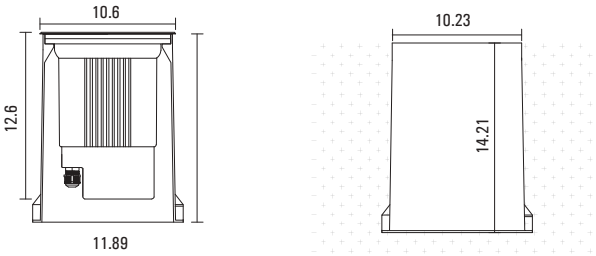
XL

Weight: 11.9lbs (5.4kg)



XXL

Weight: 19.8lbs (9.0kg)



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PRODUCT CODE

Example Caspian 120 cat. CC.30.0.DIM.2.C14.45.S4.C/SRL

Model No	Connection	CCT (K)	Control	Dimming	Body Size	Wattage (W)	Beam Angle	Cover Ring	Accessories
Caspian 24 DC24V	5P[1] 5 Pin Plug CC - Cable	RGB - RGB RGBW3 RGBW-3000K	DMX - Internal DMX512 Decoder	0 - None	1 - Mini	C4 - 4W/350lm	10 - 10° 25 - 25° 45 - 45° 60 - 60° 3015 - H30°x V10°	S4 - 304 Stainless Steel S16 - 316 Stainless Steel	H - Baffle Louvre M - Marine Resistance C - Concentric Louver FR - Frosted Diffuser SRL - Antislip Lens 0 - None
Caspian 120 AC120-277V	CC - Cable	27 - 2700 30 - 3000 40 - 4000 50 - 5000	0 - None	DIM - 0-10V Dimming 0 - None	2 - Standard	C6.5 - 6.5W/630m C10 - 10W/900lm C14 - 14W/1,260lm			
					3 - XL	C22 - 22W/1,980lm	15 - 15° 25 - 25° 36 - 36° 4520 - H45°x V20°		
					4 - XXL	C44 - 44W/3,960lm	8 - 8° 18 - 24° 36 - 36° 72 - 72° 3010 - H30°x V10°		
					W - Wash	C16 - 16W/1,440lm	WW Asymmetric Wallwash		

NOTES

[1]5P requires jumper cable with end to end 5 pin plugs available for order from factory at prespecified lengths

DISTRIBUTION

8°

10°

15°

25°

36°

45°

60°

72°

H30°/V15°

H45°/V20°

WW

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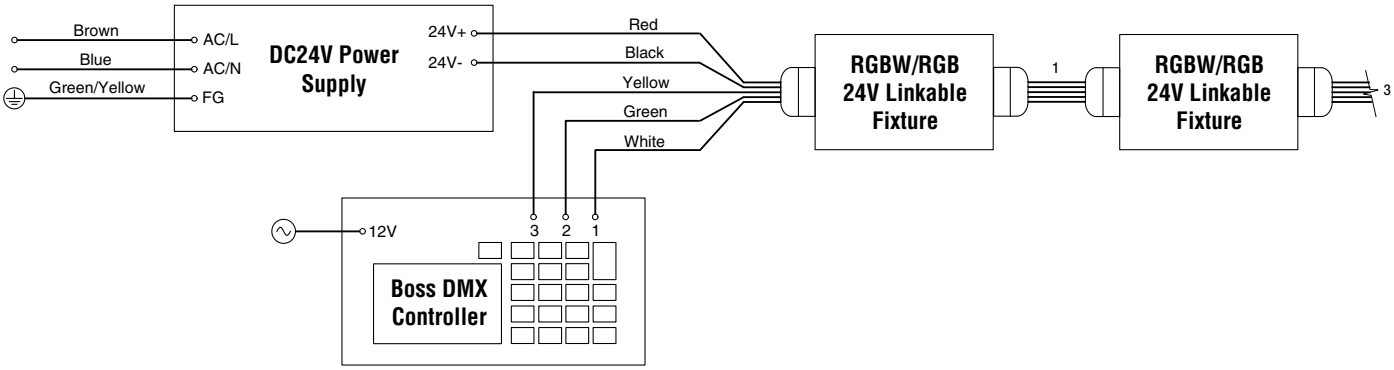
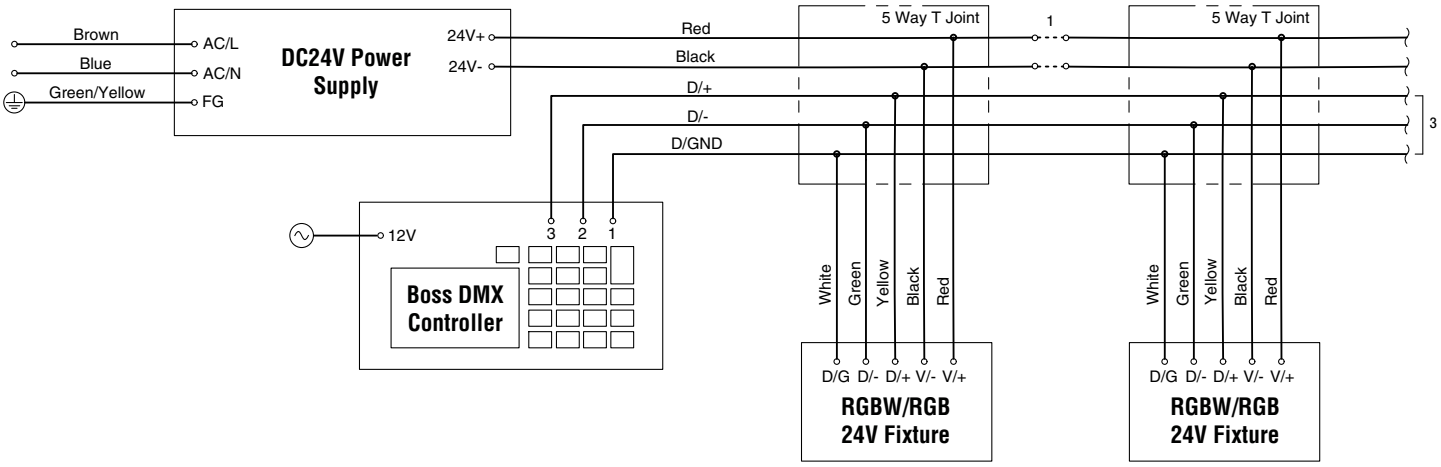
DMX WIRING DIAGRAM

DC24V Linkable

5P End to End 5 Pin Socket Connection

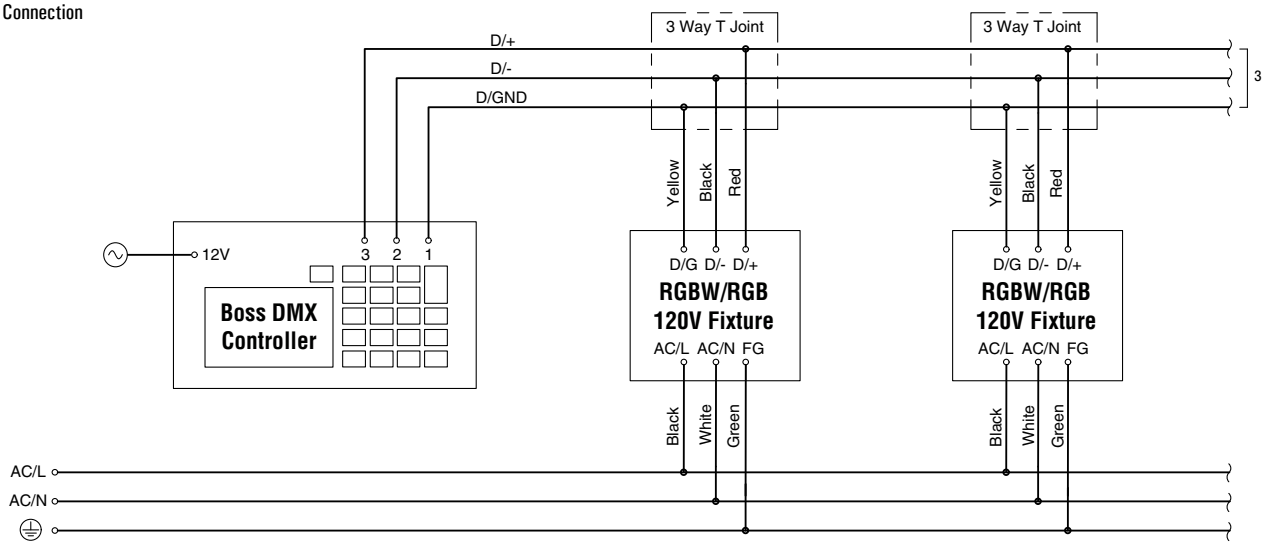


CC Cable Connection



AC120V Linkable

CC Cable Connection



NOTES

[1]Break and add additional 24V power supplies as needed
[2]Maximum 100ft 24V cable run recommended from each power supply
[3]Add line amplifier for DMX cable distances exceeding 300ft

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WIRING ACCESSORIES

Order as separate catalog number

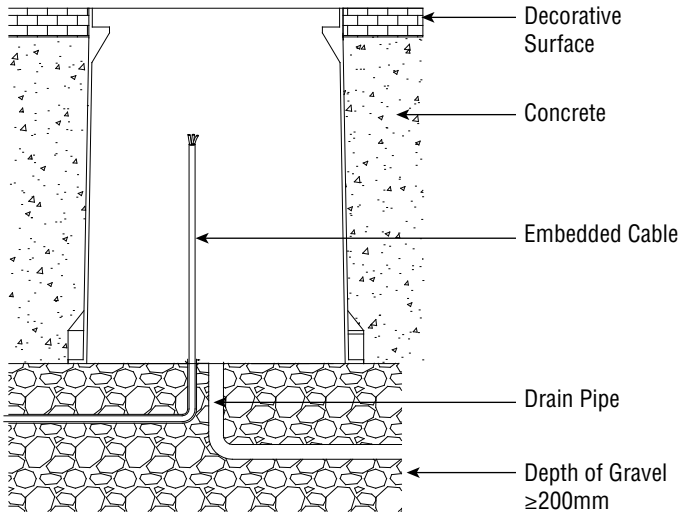
Controller	Joining Hardware	IP67 Jumper Cables with End to End 5 Pin M/F Plug	DC24V/IP67 Power Supply	Signal Amplifier
Boss - 32 Channel/8 Zone DMX Controller Power Supply, Remote and Preprogrammed Scenes	3P - 3 Way IP67 T-Joint 5P - 5 Way IP67 T-Joint	xx - Custom Length 3 - 3ft 4 - 4ft 6 - 6ft	240 - 240W 320 - 320W 480 - 480W	Amp - 8 Output DMX Line Splitter/Amplifier

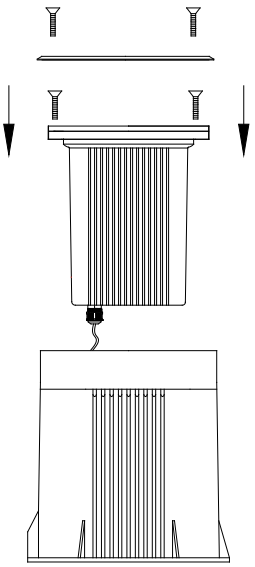
INSTALLATION INSTRUCTIONS

(1) Open the package, remove the fixture, preinstall box, accessory and wrench. Two SS screws screwed on aluminum cover of fixture are used to fix the SS face plate
(2) Connect the fixture's wiring with main power correctly, the joint of connection must be waterproofed
(3) After connection, power all fixtures on to test if they work well in case of any faults
(4) Place the preinstall box into the pre dug hole, secure the fixture to box with screws, repeat for all
(5) Loosen the two screws on aluminum cover and secure the SS face plate tightly on the fixture
(6) Customized installations maybe different depending on the product specification

Safety

- Before the fixture is connected, carefully check the input voltage, so as not to cause damage to the system
- The installation and removal of lamps require a professional technical personnel to operate.
- When opening the package, please check if there are signs of damage prior to installation
- During installation turn off power not to get an electric shock.
- This product can only be installed in dry or sunny weather.
- Do not open or tamper with original fixture structure to avoid light leakage and void warranty
- Fixture with broken glass should be immediately replaced
- It is recommend adding an additional IP67 protection layer to buried lamp area for additional waterproofing to avoid long-term immersion in water.
- Terminations and on-site power supply cable connection needs to be IP68 so not to affect the normal operation of the fixture
- Choose correct power supply according to product specifications, voltage and cabling. Do not share LED with metal halide lamp, sodium and motors on the same power supply circuit
- Fixtures are not recommended to be installed in seaside, corrosive, or chemical areas not to cause corrosion of lamps or internal construction
- Refer to the stainless steel maintenance instructions for preservation of the stainless steel flange





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