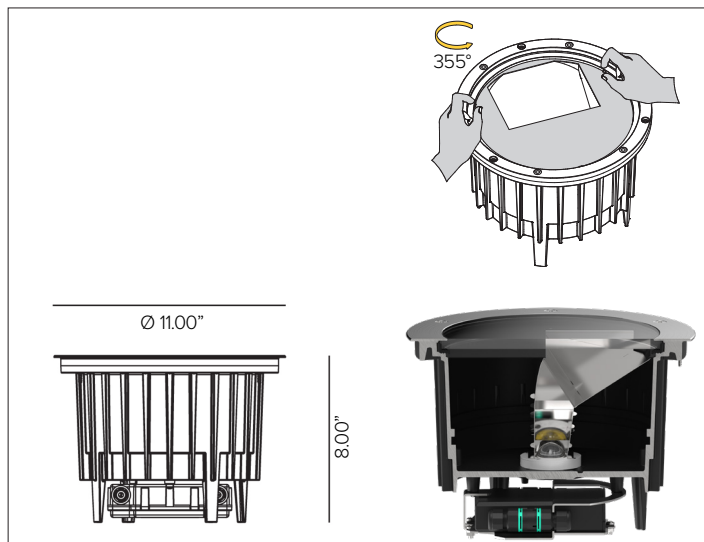


KEPLERO WALL WASHER RGBW

Professional Inground LED Fixture



KEPLERO WALL WASHER RGBW with brushed natural trim and clear lens.



CONCEPT

Inground wall wash equipped with high intensity dynamic color changing RGBW LED's for uniform illumination of vertical surfaces and excellent light diffusion at the ground level.

MECHANICAL CHARACTERISTICS

Housing	8"H x 11"Dia. Housing.
Materials	Anodized marine grade cataphoresis ^A die-cast aluminum heat sink body with PVC installation sleeve. AISI316L stainless steel trim ring with beveled edge with extra clear glass lens.
Finish	<div> <div>● Brushed Natural</div> <div>● Bronze PVD*</div> <div>● Black PVD*</div> </div> <p>*Physical Vapor Deposition.</p>
Power Connection	Provided with 4ft SJ00W 16-6 cable and DSM&T anti-wicking quick disconnect to direct burial brass ingrade j-box (required, sold separately). DMX Direct Burial Lead cable and fixture to fixture Jumpers with IP68 connectors with gold plated pin and socket contacts for improved long term data transmission available in varied lengths to be specified and ordered separately.
Functionality	Adjustable 355° on the horizontal axis.
Mounting	Flush, semi-flush or raised tube mountings. Installation sleeve for flush or semi-flush mountings includes optional stainless steel 'L' brackets for additional mounting support. Fixture equipped with fastening holes and stainless steel screws for attachment into installation sleeve assembly.
Weight	11.0lbs
Protection	IP68 ^B / IP69K
Impact	IK10
Load	Resistant to static loads up to 4,496lbs in flush mounted cement and pavement installations.

CERTIFICATIONS

cULus Wet Location Listed.
Tested in accordance with LM-79-08.
Compliant for California installations.
IEC 62471
RoHS3 EU 215/863

SUSTAINABILITY

Luminaire designed for disposal/recycling at end-of-life. Replaceable LED light source and control gear by a Targetti technician.

ELECTRICAL CHARACTERISTICS

Power Supply	Integral electronic driver, DMX 512 protocol. 0% dim range. Refer to Targetti Onsite Services for additional programing and installation support.
Wattage	58W max at full all color / 4Ch
Voltage	Universal Voltage 120-277V AC 50/60Hz

SOURCE

High efficiency RGBW LED emitter.

TM30	CCT (Nominal)	SDCM
	RGBW 4000K	2

OPTIC

Composed of a PMMA lens with high reflectance asymmetrical anodized aluminum reflector and an integral holographic filter for even illumination of vertical surfaces as well as excellent light diffusion at ground level. This unique reflector system allows for the fixtures to be installed at an unparalleled 1:5 ratio for uniform illumination on the vertical surface.

Beam													
Delivered Lumens	<table> <tr> <td>RED</td><td>359Lm</td></tr> <tr> <td>GREEN</td><td>593Lm</td></tr> <tr> <td>BLUE</td><td>113Lm</td></tr> <tr> <td>4000K</td><td>357Lm</td></tr> <tr> <td>RGB</td><td>949Lm</td></tr> <tr> <td>RGBW</td><td>1091Lm</td></tr> </table>	RED	359Lm	GREEN	593Lm	BLUE	113Lm	4000K	357Lm	RGB	949Lm	RGBW	1091Lm
RED	359Lm												
GREEN	593Lm												
BLUE	113Lm												
4000K	357Lm												
RGB	949Lm												
RGBW	1091Lm												
Efficacy	24Lm/W max. Refer to photometric graphs for specific values.												
Lifetime	L80/B10 60,000hrs at max TA +25°C												
Photobiological Classification	Low risk safety RG1												

WARRANTY

5 year limited warranty.

^A Fixture body complete with marine grade cataphoresis suitable for use in marine grade environments. Stainless steel trim will need to be maintained and cleaned regularly to avoid mineral deposits. Not to be in direct contact with salt or corrosive agents for extended periods of time.

^B Temporary immersion up to 24 hours at a max depth of 2 meters. Installation of fixture requires proper drainage to prevent any standing water. Should not be used for permanent submersion.

KEPLERO WALL WASHER RGBW

SPECIFICATION INFORMATION

KPL				/		/		/		/		
1	2	3	4		5	6		7	8			
Ex: KPLWWL1RGBWE2 / 1DU2325 / 1DU2394 / 1DU2530 / 1DU2533LEAD-20E2 / 1DU2533TERME2					REQUIRED		OPTIONAL					

1 - PRODUCT CODE		2 - TYPE	3 - WATTAGE	4 - KELVIN	
KPL — KEPLERO		WW — Wall Washer	L1 — 58W	RGBWE2 — RGBW	
5 - TRIM	6 - INSTALLATION	7 - INSTALLATION ACCESSORIES		8 - CONNECTIONS	8 - CONTROL
Round Trim Ring See section for details	Flush Mount Sleeve See section for details Raised Tube See section for details Junction Box See section for details	Torx Key See section for details Fixture Removal Tool See section for details Glass Removal Tool See section for details		Lead Connection Cable See section for details Jumper Connection Cable See section for details Terminal See section for details	Controller See section for details

KEPLERO WALL WASHER RGBW

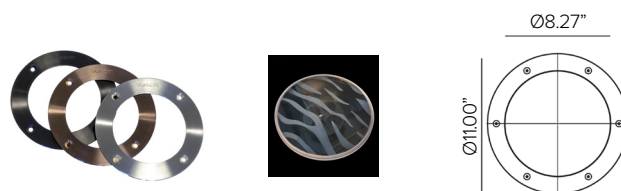
5 - TRIM (REQUIRED)



Round stainless steel (AISI316L) decorative ring. 10mm thick extra clear protective glass. Silicone gasket. Tamper proof (AISI316L) Torx screws.

Finish ● Brushed Natural ● Bronze PVD ● Black PVD

Part No. **1DU2325** **1DU2325B** **1DU2325K**

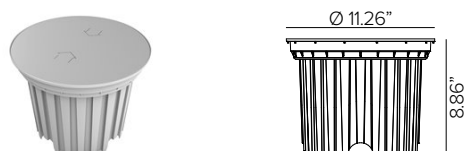


Round stainless steel (AISI316L) decorative ring with anti-slip glass. 10mm thick extra clear protective glass. Silicone gasket. Tamper proof (AISI316L) Torx screws.

Finish ● Brushed Natural ● Bronze PVD ● Black PVD

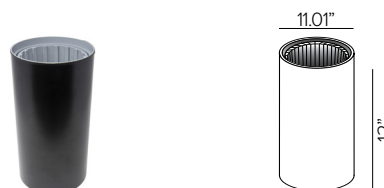
Part No. **1DU2325A** **1DU2325BA** **1DU2325KA**

6 - INSTALLATION (REQUIRED)



Installation sleeve for concrete pour applications. Grey Nylon 9" sleeve with 4.77" aluminum extension sleeve. Complete with dedicated cover cap for installations in concrete. Round ring for flush or semi-flush installations.

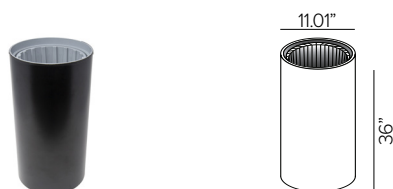
Part No. **1DU2394**



At grade or raised installation sleeve for turf or ground cover applications. 12"H stainless steel, includes factory pre-installed inner PVC installation sleeve. **Not suitable for use with 1DU2394.** (Field cuttable. Used for fixture elevations at grade to 3" above grade). **Required for use with 1DU2530 by NEC.**

Finish ● Deep Black

Part No. **1DU434312**



Raised installation sleeve for ground cover (succulents and low level planting) applications. 18"H stainless steel, includes factory pre-installed inner PVC sleeve. **Not suitable with 1DU2394.** (Field cuttable. Used for fixture elevation 7" above grade). **Required for use with 1DU2530 by NEC.**

Finish ● Deep Black

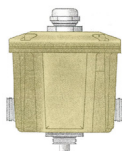
Part No. **1DU434318**



Raised installation sleeve for landscape applications. 36"H stainless steel, includes factory pre-installed inner PVC sleeve. **Not suitable with 1DU2394.** (Field cuttable. Used for fixture elevation 7" above grade). **Required for use with 1DU2530 by NEC.**

Finish ● Deep Black

Part No. **1DU4343**



Direct burial brass in-grade j-box. Features stainless steel cover screws and strain relief for power cord, (2) 3/4" NPT bottom holes and (2) 3/4" NPT side holes. Includes (4) 3/4" to 1/2" adapters and (2) 1/2" NPT plugs. **(REQUIRED by NEC).**

Part No. **1DU2530**

KEPLERO WALL WASHER RGBW

7 - INSTALLATION ACCESSORIES (OPTIONAL)



Fixture metal maintenance removal handle. Helpful one per 10 fixtures.

Part No. **1E2496**



Anti-vandal torx head. Helpful one per 5 fixtures.

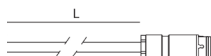
Part No. **1E2495**



Glass suction removal tool. Helpful one per 20 fixtures.

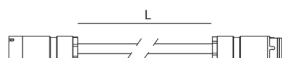
Part No. **1E0388**

8 - CONNECTIONS (REQUIRED)



DMX data lead cable. DMX data direct burial cable for fixture to controller lead wire connection with IP68 female 3-pin connector (DMX out) bare wire at opposite end for DMX in controller connection. **Required for first fixture.**

Length	20ft	30ft	40ft	50ft
Part No.	1DU2533LEAD-20E2	1DU2533LEAD-30E2	1DU2533LEAD-40E2	1DU2533LEAD-50E2



DMX data jumper cable. Direct burial cable for fixture to fixture connection with IP68 male 3-pin connector (DMX In) and IP68 female 3-pin connector (DMX out).

Length	10ft	20ft	30ft	40ft	50ft
Part No.	1DU2533-10E2	1DU2533-20E2	1DU2533-30E2	1DU2533-40E2	1DU2533-50E2







Connection terminal. DMX IP68 end terminal 2"L x 0.75" dia. male gold plated 3-pin connector terminal. **Required for last fixture in run only.**

Part No. **1DU2533TERME2**

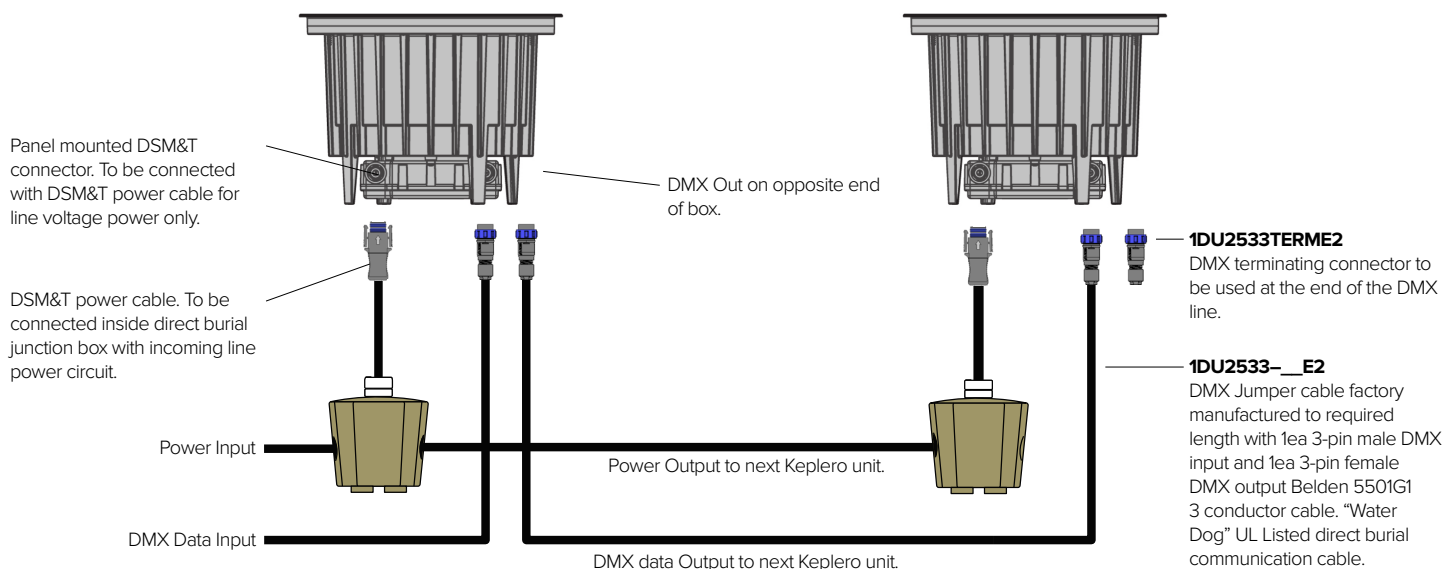
KEPLERO WALL WASHER RGBW

9 - CONTROL (OPTIONAL)

Part No.		Channels	Scenes	Zones	Rating	Voltage	Certification	Dimensions	Description
TGDMXSLESAU9		256	20	1	Indoor	5.5V DC	ETL, UL	5.3"W x 5.5"H x 1.9D	Nicolaudio Slesa smart DMX 1/2 universe programmable controller with easy to use software interface.
TGDMXSLESAU11		1024	5	99	Indoor	5VDC 120V AC <i>Plug in power supply included</i>	ETL	6.3" x 3.6" x 1.8"	Nicolaudio Slesa smart DMX interface, 2 DMX 512 universes, intuitive backlit keyboard programmable controller with easy to use software interface.
TGDMXSTICKDE3B		1024	10	500	Indoor	6-7V DC 120V AC <i>Plug in power supply included</i>	ETL	5.8" x 4.2" x 0.5"	Nicolaudio intelligent control keypad with glass touch sensitive graphic display, stand-alone DMX 512, 2 universe programmable controller with easy to use software interface. Black finish.
TGDMXSTICKDE3W		1024	10	500	Indoor	6-7V DC 120V AC <i>Plug in power supply included</i>	ETL	5.8" x 4.2" x 0.5"	Nicolaudio intelligent control keypad with glass touch sensitive graphic display, stand-alone DMX 512, 2 universe programmable controller with easy to use software interface. White finish.

Part No.	Description
1E2767	USB-RDM Programmer code. DMX-RDM (Remote Device Management) address planner. Used with the "RDM Targetti" software that can be downloaded for free from the Targetti USA website. To be used with all RGBW products. The USB-RDM programmer manages to direct DMX-RDM fixtures if there are no BUFFER or Splitter DMX on the section.

WIRING DIAGRAM



KEPLERO WALL WASHER RGBW

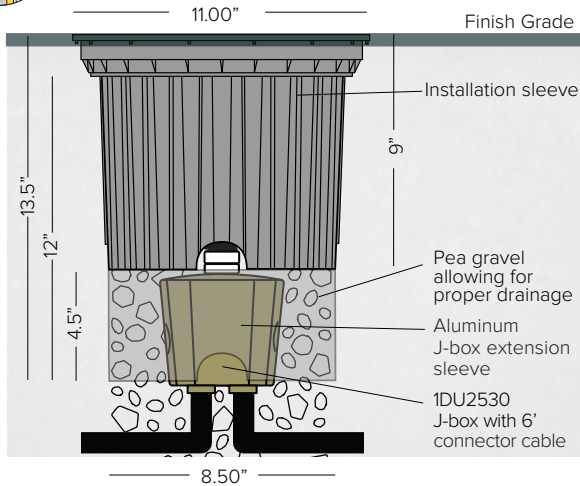
INSTALLATION DIAGRAM

HARDSCAPE APPLICATIONS



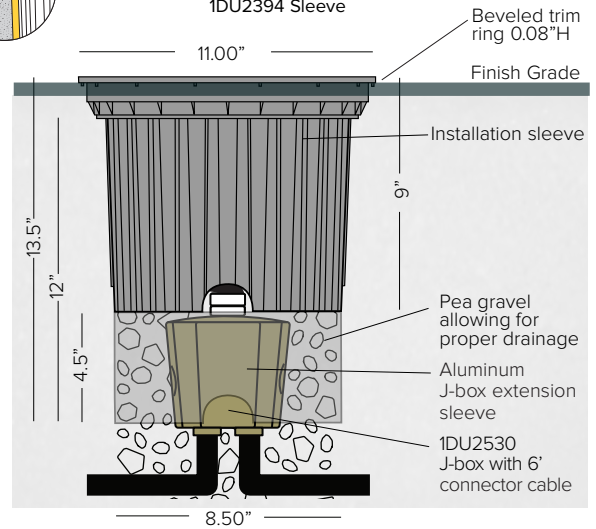
Flush Mount Sleeve Assembly

1DU2394 Sleeve



Semi-Flush Mount Sleeve Assembly

1DU2394 Sleeve



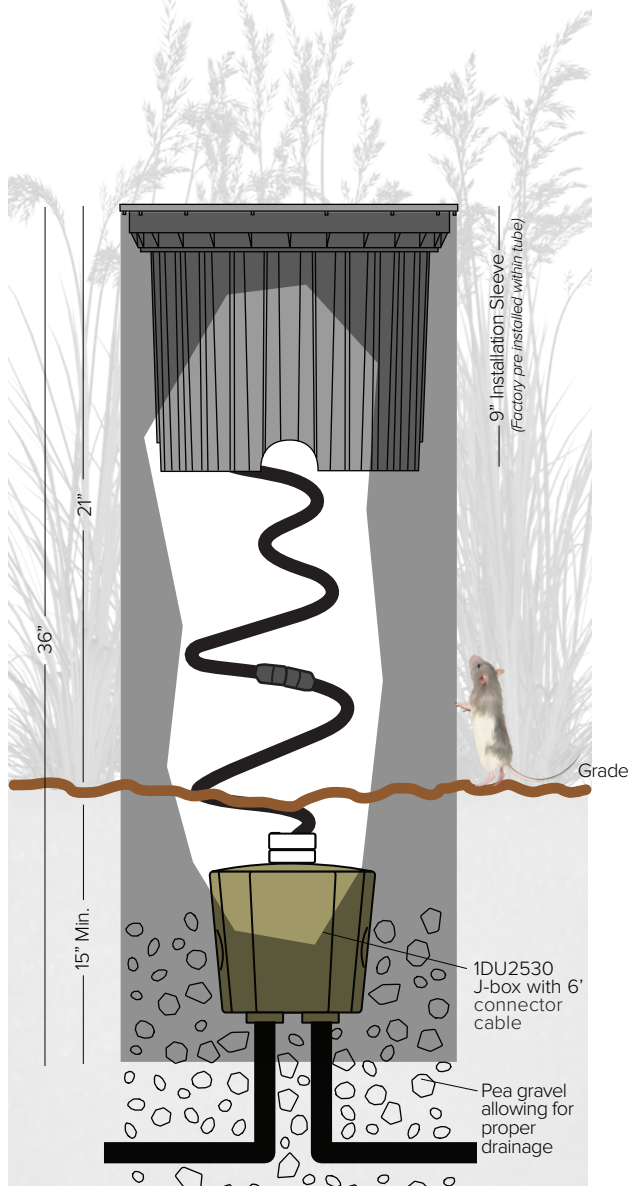
KEPLERO WALL WASHER RGBW

INSTALLATION DIAGRAM

SOFTSCAPE APPLICATIONS

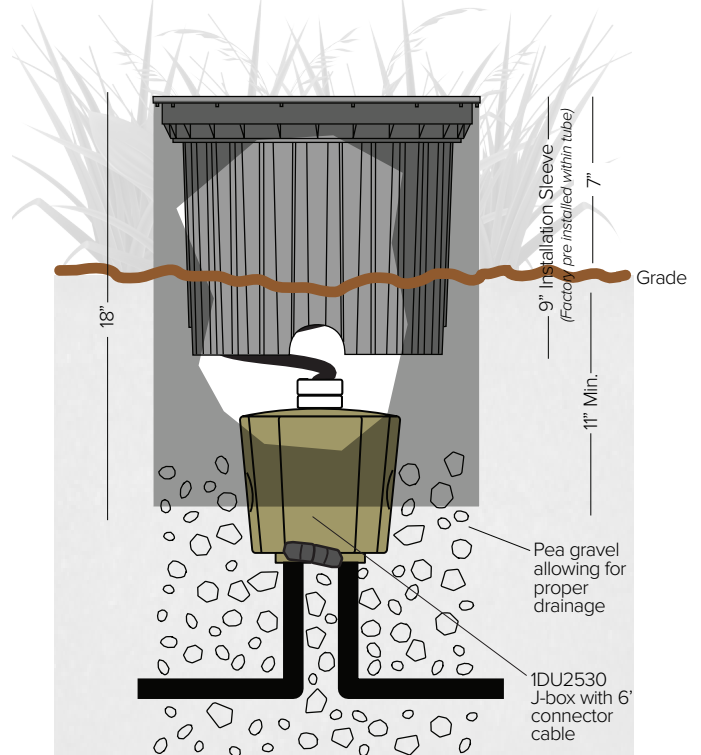
RAISED TUBE INSTALLATION ASSEMBLY

Recommended for Landscape Installation



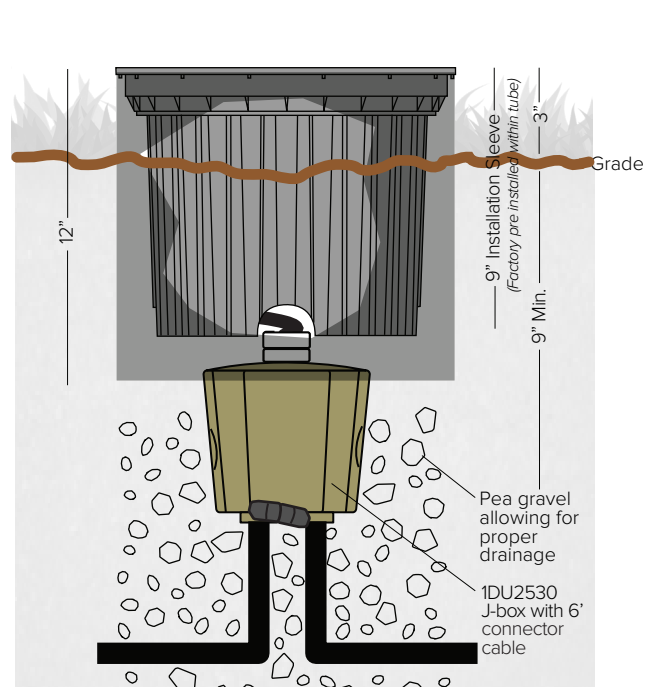
RAISED TUBE INSTALLATION ASSEMBLY

Recommended for Ground Level Installation



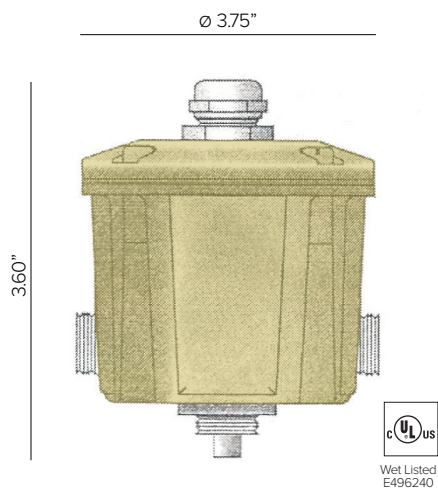
RAISED TUBE INSTALLATION ASSEMBLY

Recommended for Turf Installation



KEPLERO WALL WASHER RGBW

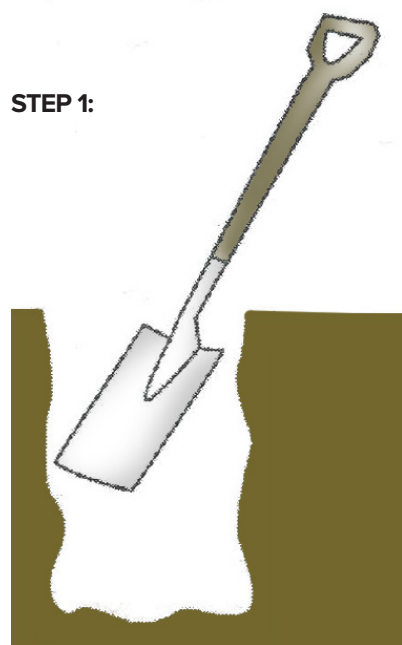
INSTALLATION DIAGRAM - 1DU2530 J-Box



Brass junction box is supplied with the following components:

- (4) 3/4" side/bottom NPT holes
- (4) 1/2" reduction NPT adapters
- (2) 1/2" cap plugs

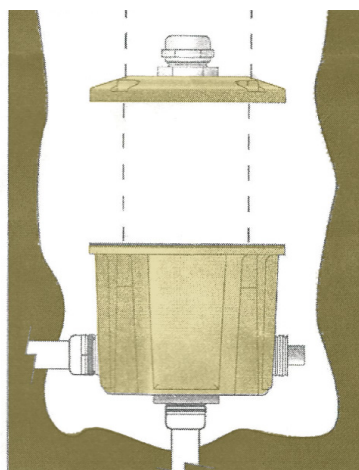
NOTE: Box fill size = 15.94 IN³



STEP 1:

Dig a hole large enough to accommodate the junction box.

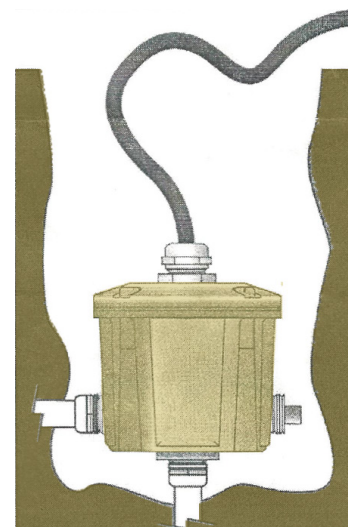
STEP 2:



Connect brass junction box to conduit system. Seal conduit entries inside junction box with a good grade RTV sealant per sealant manufacturer's instructions.

Note: Drainage must be in place below junction box.

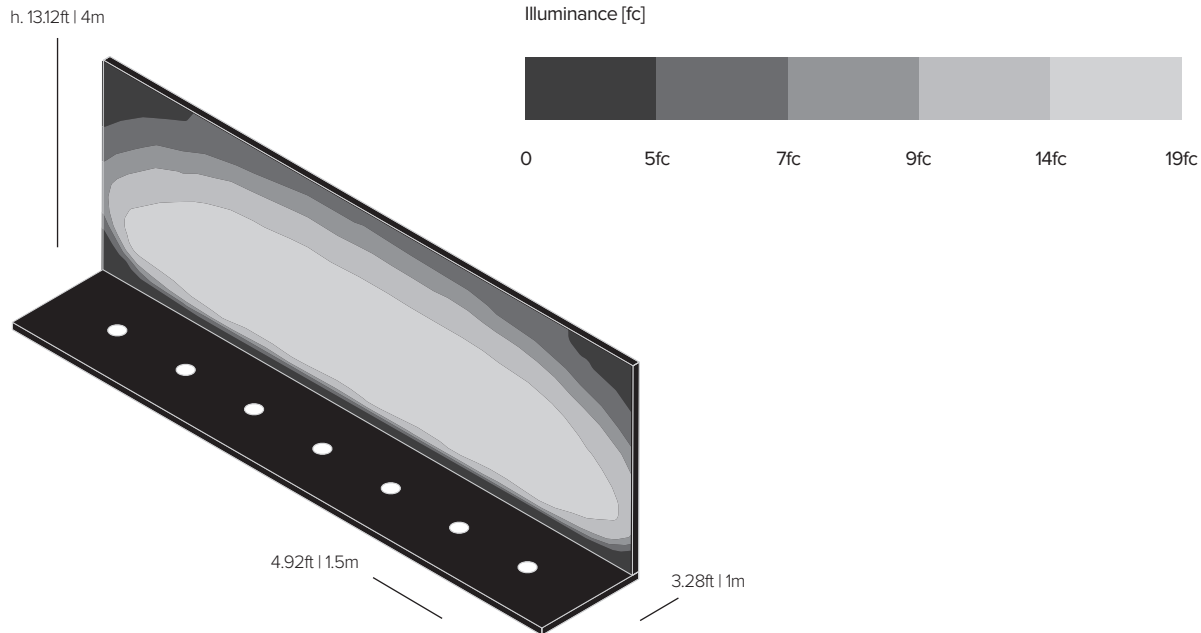
STEP 3:



Seal threads. Tighten locking screw on bottom of cover. Connect all wires observing polarity (i.e. green-to-ground, white-to-common, and black-to-voltage). Provided with 1/2" strain relief.

KEPLERO WALL WASHER RGBW

OPTICAL PERFORMANCE GUIDE



PHOTOMETRY

RED

		H(m)	D1(m)	D2(m)	E _{max} (lx)
		116°	76°		
Fixture Power	20W	1	3.17	2.12	148
Source Flux	359lm	2	6.35	4.25	37
Fixture Flux	359lm	3	9.52	6.37	16
Efficacy	18lm/W	4	12.69	8.50	9
TS1026	I _{max} =534cd/klm	I _{max}	192cd	5	15.86 10.62 6

GREEN

		H(m)	D1(m)	D2(m)	E _{max} (lx)
		116°	76°		
Fixture Power	28W	1	3.17	2.12	244
Source Flux	593lm	2	6.35	4.25	61
Fixture Flux	593lm	3	9.52	6.37	27
Efficacy	21lm/W	4	12.69	8.50	15
TS1026	I _{max} =534cd/klm	I _{max}	317cd	5	15.86 10.62 10

BLUE

		H(m)	D1(m)	D2(m)	E _{max} (lx)
		116°	76°		
Fixture Power	20W	1	3.17	2.12	47
Source Flux	113lm	2	6.35	4.25	12
Fixture Flux	113lm	3	9.52	6.37	5
Efficacy	6lm/W	4	12.69	8.50	3
TS1026	I _{max} =534cd/klm	I _{max}	60cd	5	15.86 10.62 2

4000K

	4000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
	Ra80	116°	76°		
Fixture Power	15W	1	3.17	2.12	147
Source Flux	357lm	2	6.35	4.25	37
Fixture Flux	357lm	3	9.52	6.37	16
Efficacy	24lm/W	4	12.69	8.50	9
TS1026	I _{max} =534cd/klm	I _{max}	191cd	5	15.86 10.62 6

RGB

		H(m)	D1(m)	D2(m)	E _{max} (lx)
		116°	76°		
Fixture Power	58W	1	3.17	2.12	391
Source Flux	949lm	2	6.35	4.25	98
Fixture Flux	949lm	3	9.52	6.37	43
Efficacy	16lm/W	4	12.69	8.50	24
TS1026	I _{max} =534cd/klm	I _{max}	507cd	5	15.86 10.62 16

RGBW

		H(m)	D1(m)	D2(m)	E _{max} (lx)
		116°	76°		
Fixture Power	56W	1	3.17	2.12	449
Source Flux	1091lm	2	6.35	4.25	112
Fixture Flux	1091lm	3	9.52	6.37	50
Efficacy	19lm/W	4	12.69	8.50	28
TS1026	I _{max} =534cd/klm	I _{max}	583cd	5	15.86 10.62 18