

KEPLERO WALL WASHER

Professional Inground LED Fixture



KEPLERO® Wall Washer with brushed natural trim and clear lens.

CONCEPT

Inground wall wash equipped with uniform illumination of vertical surfaces and excellent light diffusion at the ground level.

MECHANICAL CHARACTERISTICS

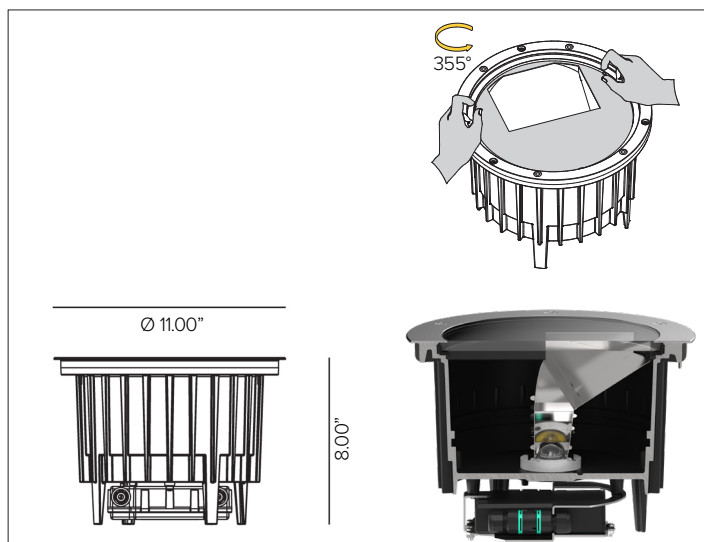
Housing	8"H x 11"Dia. Housing.
Materials	Anodized marine grade cataphoresis ^A die-cast aluminum heat sink body with PVC installation sleeve. AISI316L stainless steel trim ring with beveled edge with extra clear glass lens.
Finish	<div> <div>●</div> Brushed Natural <div>●</div> Bronze PVD* <div>●</div> Black PVD* </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).
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	Integrated 4/1 smart driver (Non-dimmable / 0-10V / Reverse Phase / Forward Phase).
Wattage	36W nominal
Voltage	Universal Voltage 120-277V AC 50/60Hz

SOURCE

High efficiency LED Chip on Board.

TM30	CCT (Nominal)	CRI	Rf	Rg	SDCM
	3000K	80	83	96	2
	4000K	80	82	95	2

Ra90 available upon request

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	3000K 2318Lm 4000K 2376Lm
Efficacy	67Lm/W max. Refer to photometric graphs for specific values.
Lifetime	L92/B10 30,000hrs at max TA +25°C L90/B10 50,000hrs 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

SPECIFICATION INFORMATION

KPL							
1	2	3	4	5	6	7	8
Ex: KPL41WWL227 / 1DU2525 / 1DU2521 / 1DU2530					REQUIRED		OPTIONAL

1 - PRODUCT CODE	2 - DRIVER	3 - TYPE	4 - WATTAGE	5 - KELVIN
KPL — KEPLERO	41 — 4/1 Smart Driver (Non-Dimming / 0-10V / Reverse Phase / Forward Phase)	WW — Wall Washer	L2 — 36W	27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K
6 - TRIM	7 - INSTALLATION	8 - INSTALLATION ACCESSORIES		
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		

KEPLERO WALL WASHER

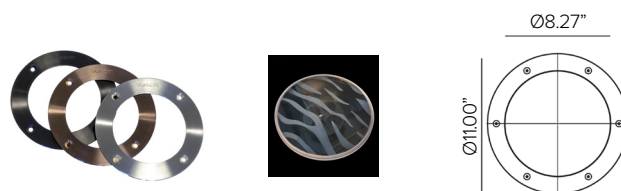
6 - TRIM (REQUIRED)



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**

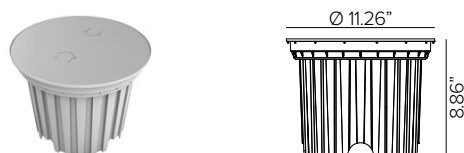


Round stainless steel (AISI316L) decorative ring with anti-slip glass. 10mm thick extra clear protective glass. Silicone gasket. Tamper proof (AISI316L) Torx screws.

Finish ● Brushed Natural ● Bronze PVD ● Black PVD

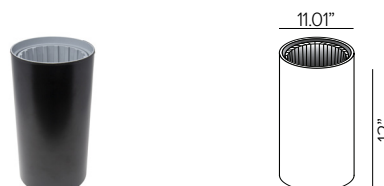
Part No. **1DU2325A** **1DU2325BA** **1DU2325KA**

7 - 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.

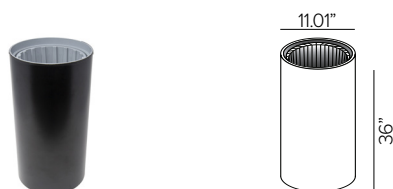
Part No. **1DU2394**



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

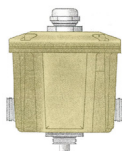
Part No. **1DU434318**



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

8 - 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**

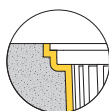


Glass suction removal tool. Helpful one per 20 fixtures.

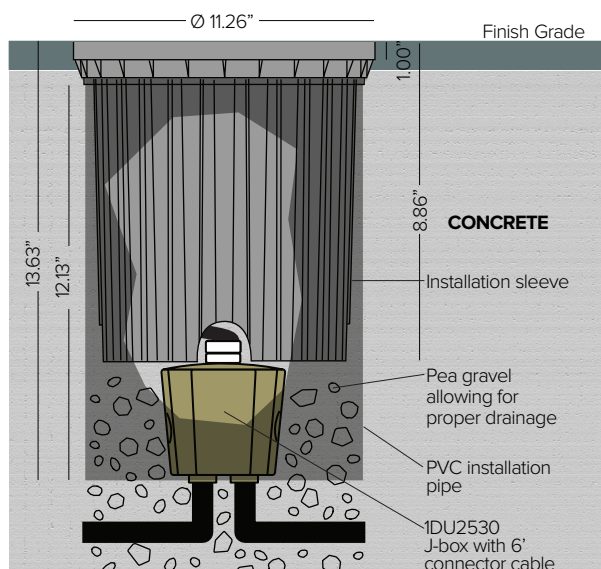
Part No. **1E0388**

INSTALLATION DIAGRAM

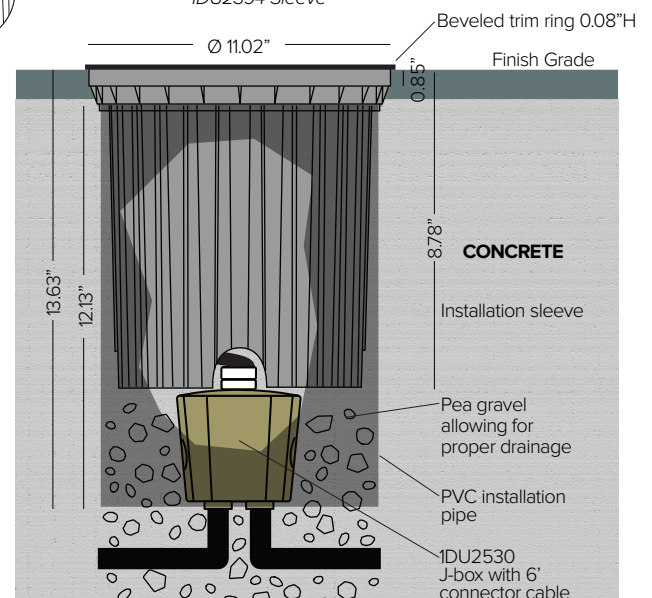
CONCRETE POUR APPLICATION



Flush Mount Sleeve Assembly
1DU2394 Sleeve



Semi-Flush Mount Sleeve Assembly
1DU2394 Sleeve



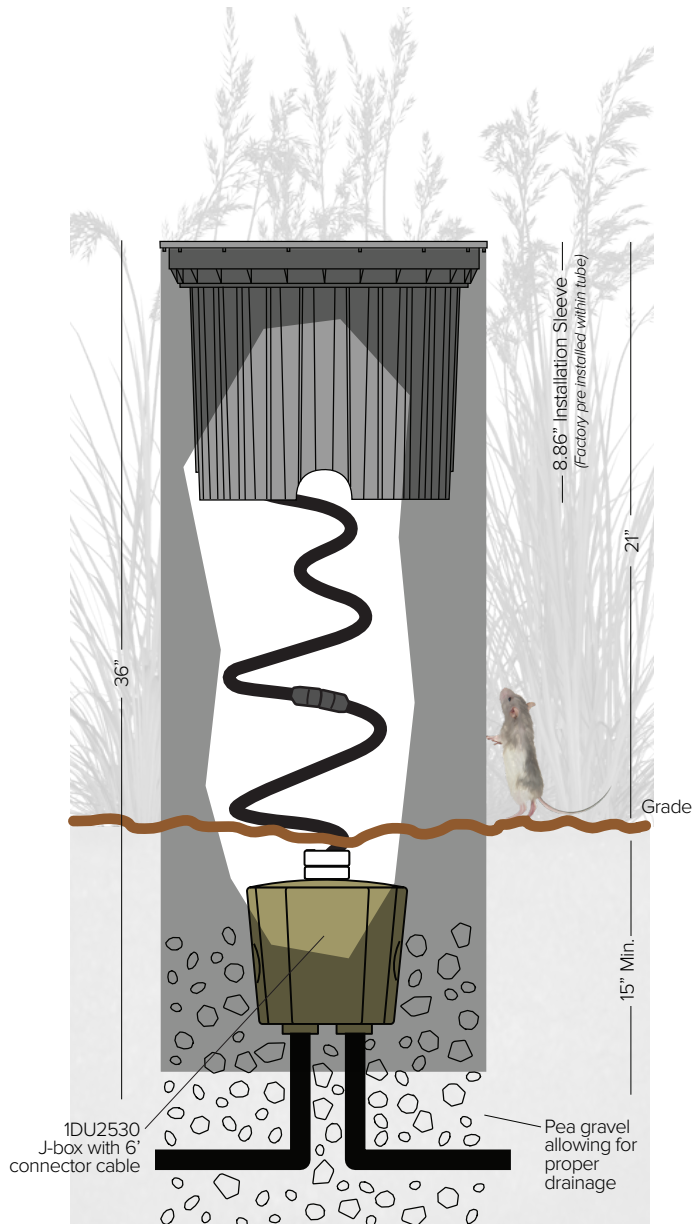
KEPLERO WALL WASHER

INSTALLATION DIAGRAM

LANDSCAPE APPLICATION

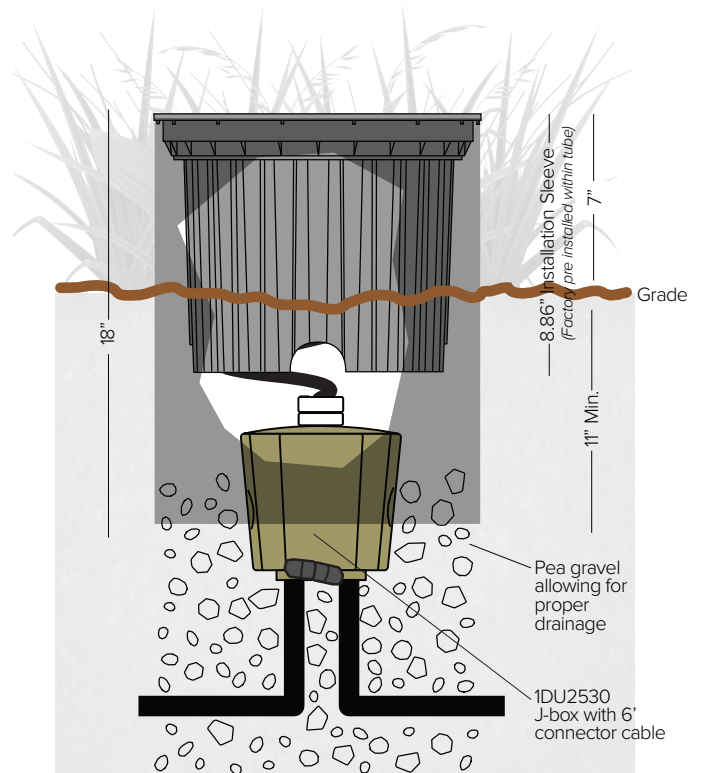
RAISED TUBE INSTALLATION ASSEMBLY

Recommended for Landscape Installation
1DU4343



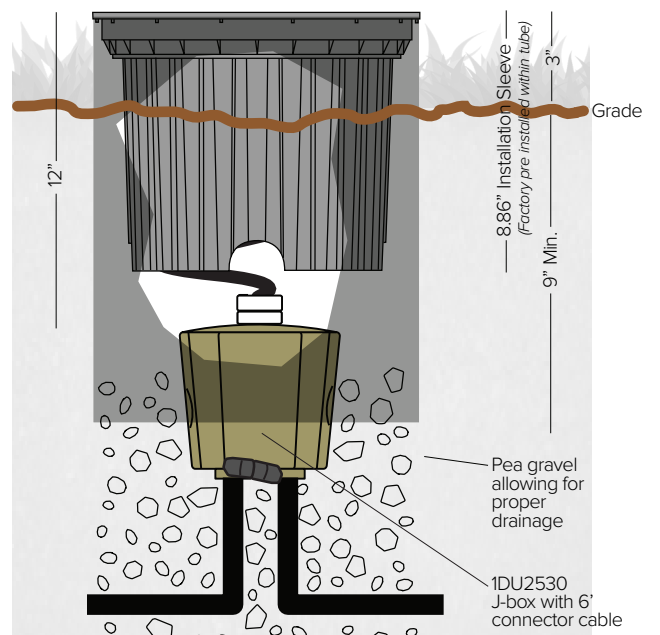
RAISED TUBE INSTALLATION ASSEMBLY

Recommended for Ground Level Installation
1DU434318



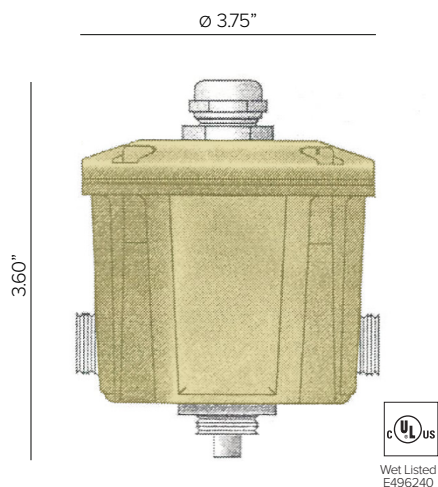
RAISED TUBE INSTALLATION ASSEMBLY

Recommended for Turf Installation
1DU434312



KEPLERO WALL WASHER

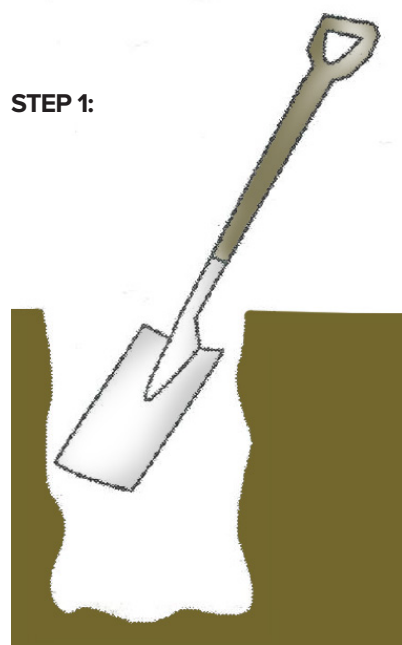
INSTALLATION DIAGRAM - 1DU2530 J-Box



Brass junction box is supplied with the following components:

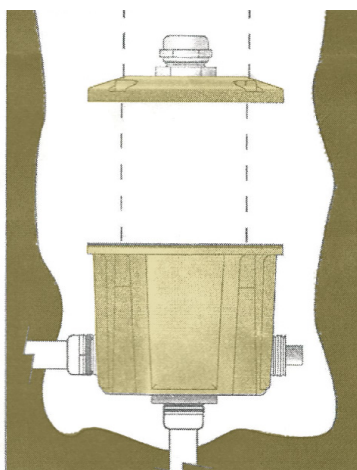
- (4) $\frac{3}{4}"$ side/bottom NPT holes
- (4) $\frac{1}{2}"$ reduction NPT adapters
- (2) $\frac{1}{2}"$ cap plugs

NOTE: Box fill size = 15.94 IN³



Dig a hole large enough to accommodate the junction box.

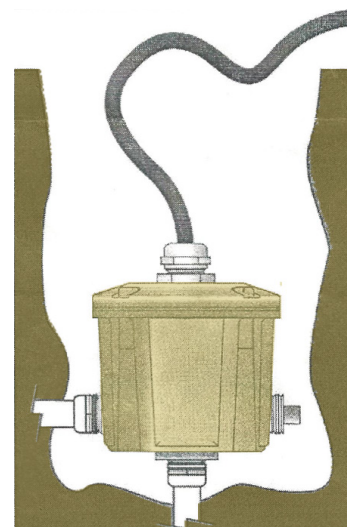
STEP 2:



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.

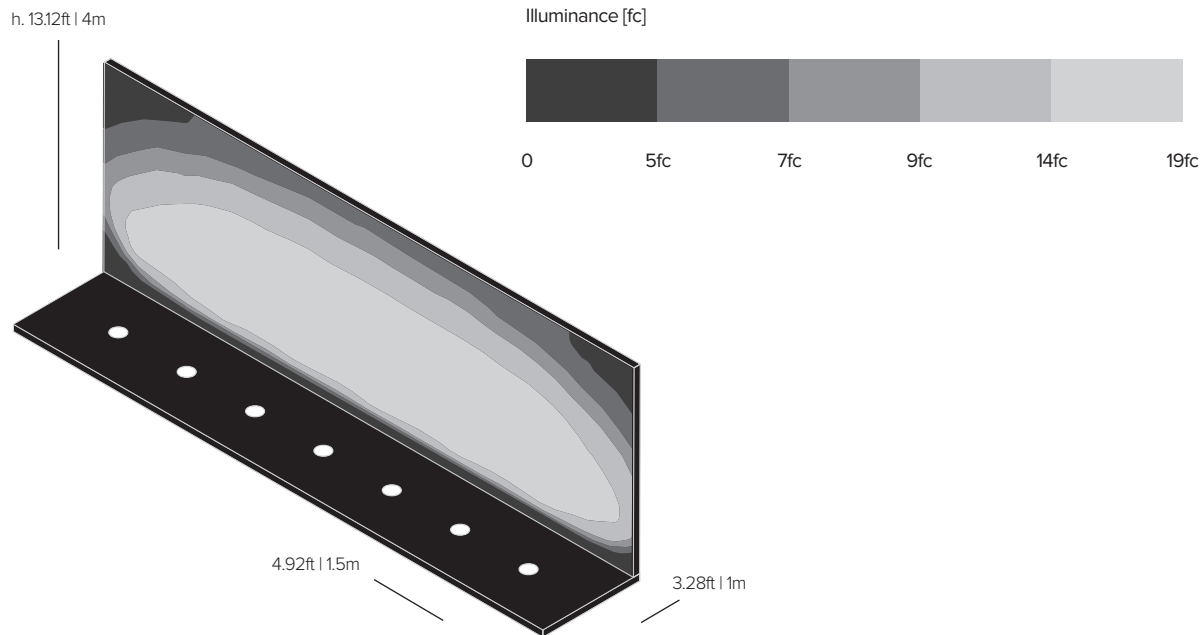
STEP 3:



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 $\frac{1}{2}"$ strain relief.

KEPLERO WALL WASHER

OPTICAL PERFORMANCE GUIDE



PHOTOMETRY

WALL WASHER

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		38°	100°	
Fixture Power	36W	1	0.80	2.51	1355
Source Flux	4550lm	2	1.60	5.02	339
Fixture Flux	2318lm	3	2.39	7.53	151
Efficacy	65lm/W	4	3.19	10.04	85
TS853	I _{max} =393cd/klm	I _{max}	1790cd	5	3.99 12.55 54

	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		38°	100°	
Fixture Power	36W	1	0.80	2.51	1389
Source Flux	4665lm	2	1.60	5.02	347
Fixture Flux	2376lm	3	2.39	7.53	154
Efficacy	67lm/W	4	3.19	10.04	87
TS853	I _{max} =393cd/klm	I _{max}	1835cd	5	3.99 12.55 56