

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

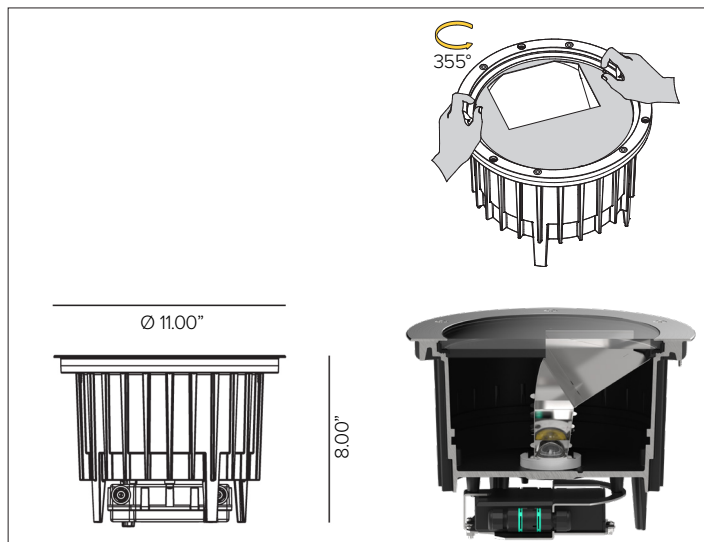
cULus Wet Location Listed.
 Tested in accordance with LM-79-08.
 Compliant for California installations.
 IEC 62471
 RoHS3 EU 215/863

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.



ELECTRICAL CHARACTERISTICS

Power Supply	Integrated 4/1 smart driver (Non-dimmable / 0-10V / Reverse Phase / Forward Phase).
Wattage	35W nominal
Voltage	Universal Voltage 120-277V AC 50/60Hz
Ambient Temp.	-25°C / +35°C (95°F)

SOURCE

High efficiency LED Chip on Board.

TM30	CCT (Nominal)	CRI	Rf	Rg	SDCM
	2700K	80	82	96	2
	3000K	80	85	94	2
	3500K	80	83	95	2
	4000K	80	85	95	2

Ra90 available upon request

OPTIC

Comprised 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 unparallelled 1:5 ratio for uniform illumination on the vertical surface.

Beam	WW 38° x 100°	
Delivered Lumens	2700K	2,375Lm
	3000K	2,506Lm
	4000K	2,536Lm

For 3500K lumen values use multiplier of 1.01 from 3000K.

Efficacy	73Lm/W max. Refer to photometric graphs for specific values.
Lifetime	L95/B10 30,000hrs at max TA +25°C L94/B10 50,000hrs at max TA +25°C
Photobiological Classification	Low risk safety RG1

SUSTAINABILITY

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

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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 — 35W	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		

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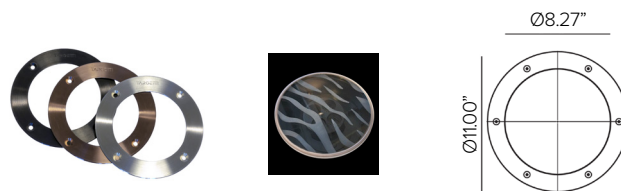
6 - TRIM (REQUIRED)



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**

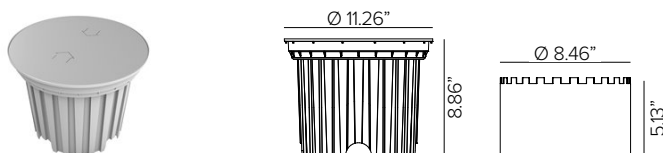


Round stainless steel (AISI316L) decorative ring with anti-slip glass. 10mm thick extra clear protective glass. Silicone gasket. Tamper proof (AISI316L) Torx screws.

Finish ● Brushed Natural ● Bronze PVD ● Black PVD

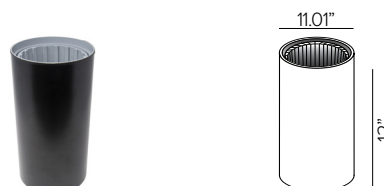
Part No. **1DU2325A** **1DU2325BA** **1DU2325KA**

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.

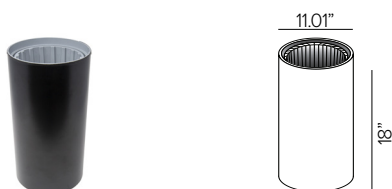
Part No. **1DU2394**



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. **1DU4343-12**



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

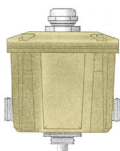
Part No. **1DU4343-18**



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**

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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**

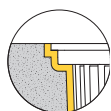


Glass suction removal tool. Helpful one per 20 fixtures.

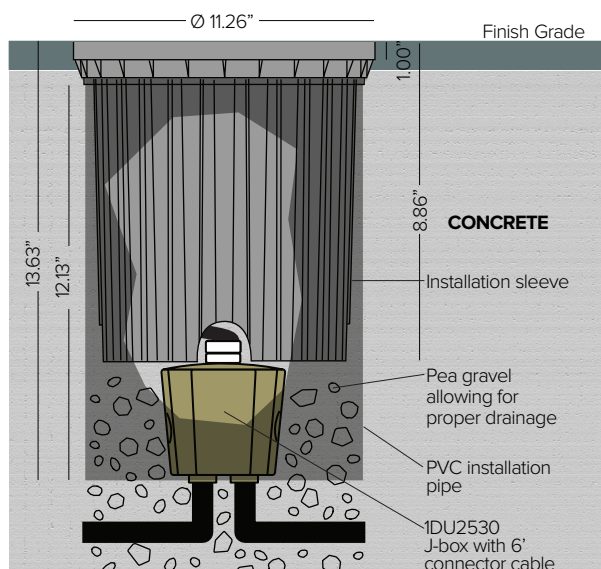
Part No. **1E0388**

INSTALLATION DIAGRAM

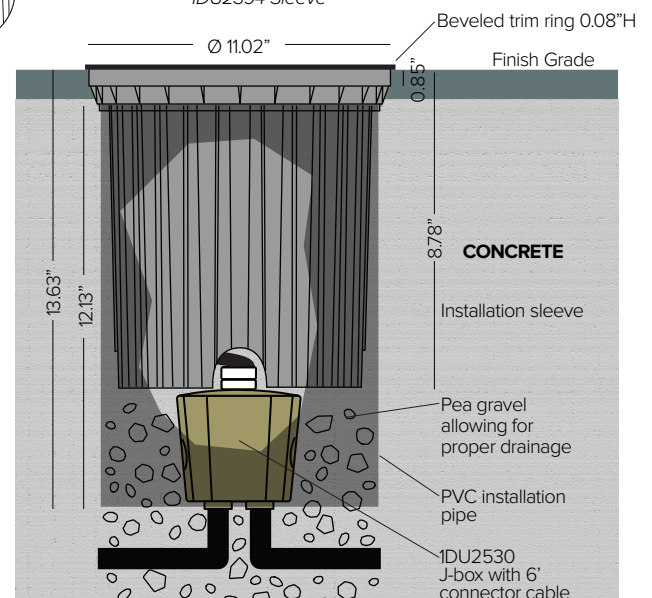
CONCRETE POUR APPLICATION



Flush Mount Sleeve Assembly
1DU2394 Sleeve



Semi-Flush Mount Sleeve Assembly
1DU2394 Sleeve



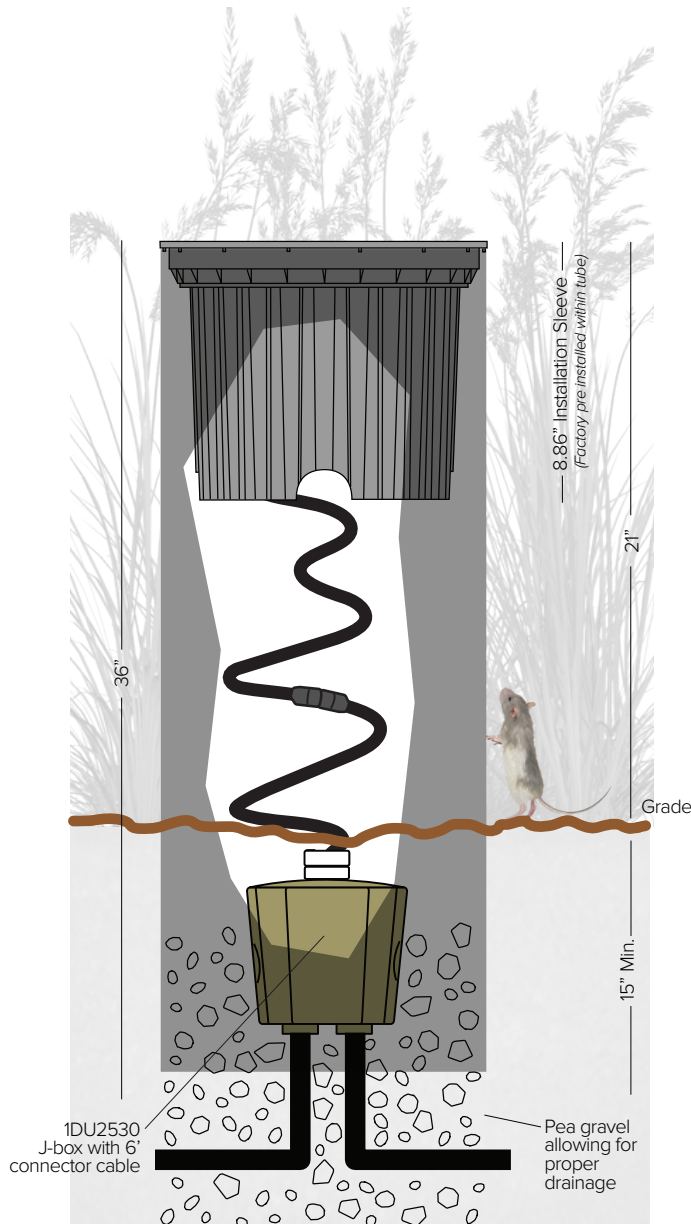
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INSTALLATION DIAGRAM

LANDSCAPE APPLICATION

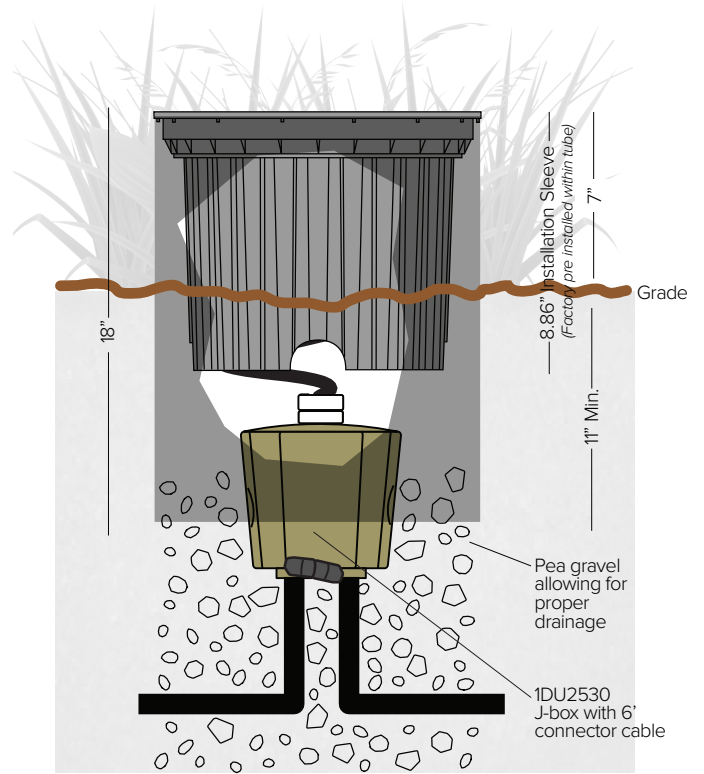
RAISED TUBE INSTALLATION ASSEMBLY

Recommended for Landscape Installation
1DU4343



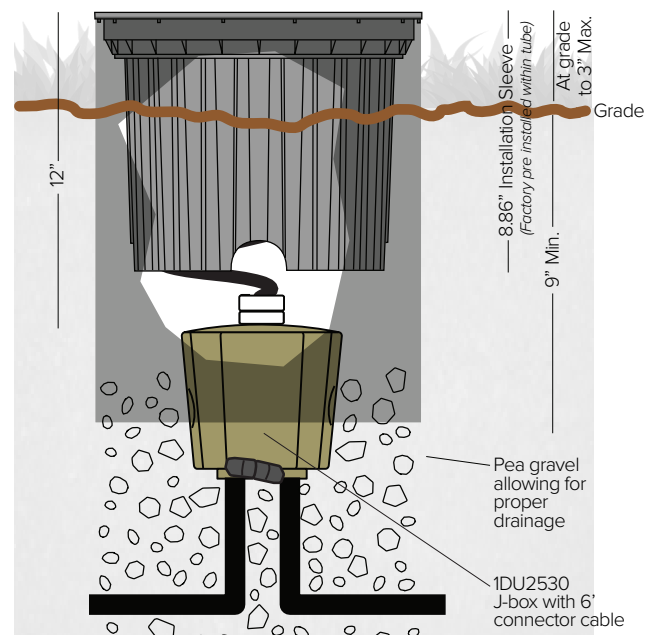
RAISED TUBE INSTALLATION ASSEMBLY

Recommended for Ground Level Installation
1DU434318



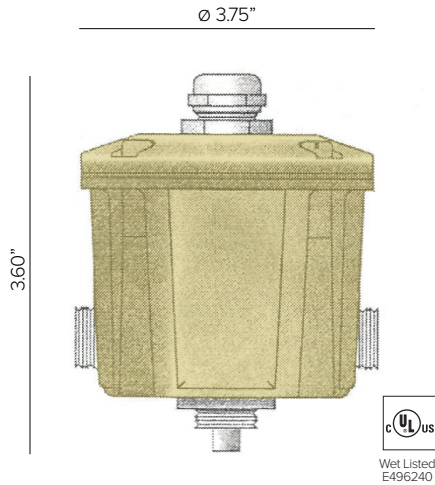
RAISED TUBE INSTALLATION ASSEMBLY

Recommended for Turf Installation
1DU434312



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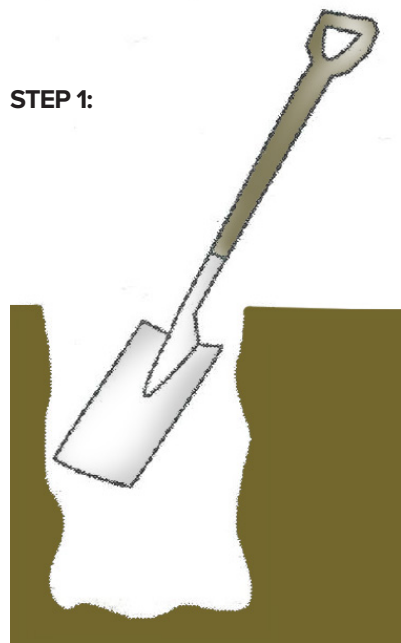
INSTALLATION DIAGRAM - 1DU2530 J-Box



Brass junction box is supplied with the following components:

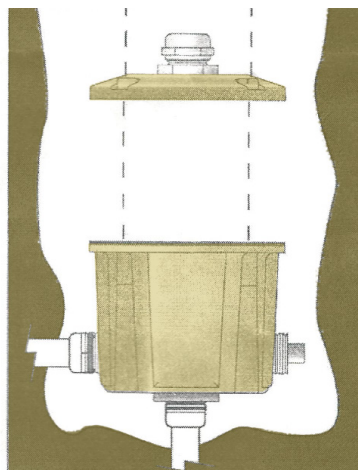
- (4) $\frac{3}{4}"$ side/bottom NPT holes
- (4) $\frac{1}{2}"$ reduction NPT adapters
- (2) $\frac{1}{2}"$ cap plugs

NOTE: Box fill size = 15.94 IN³



Dig a hole large enough to accommodate the junction box.

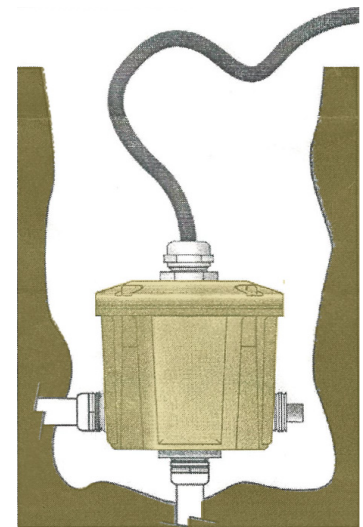
STEP 2:



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.

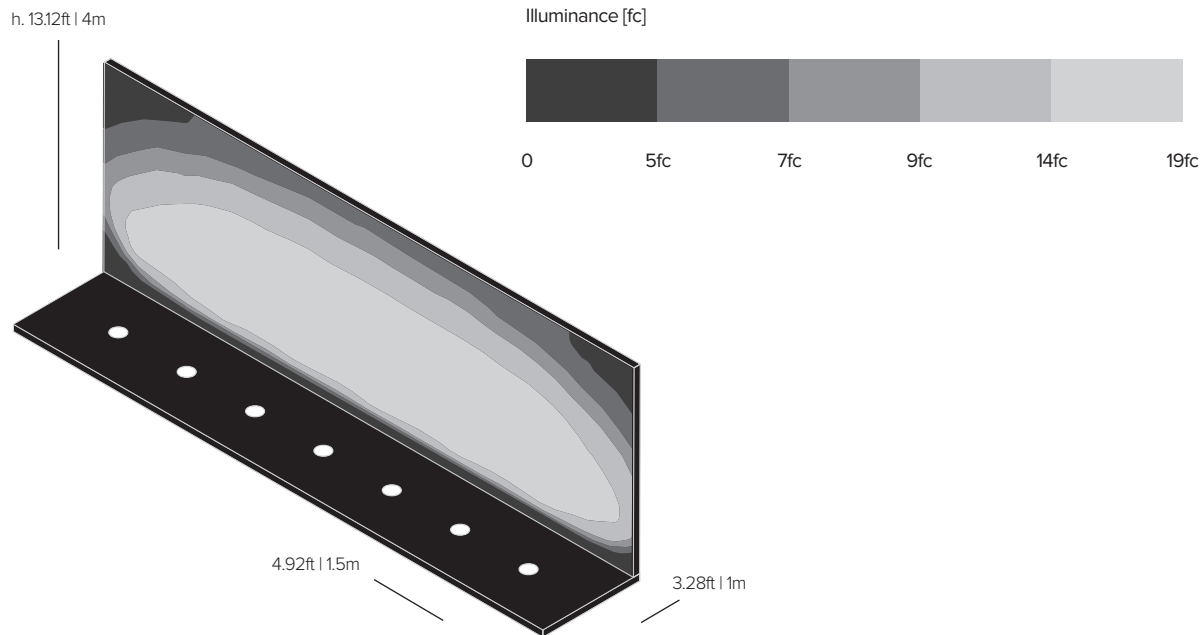
STEP 3:



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.

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OPTICAL PERFORMANCE GUIDE



PHOTOMETRY

WALL WASHER

		2700K	H(m) D1(m) D2(m) Emax(lx)				
		Ra80	38° 100°				
TS853	Fixture Power	35W	1	0.80	2.51	1388	
	Source Flux	4662lm	2	1.60	5.02	347	
	Fixture Flux	2375lm	3	2.39	7.53	154	
	Efficacy	68lm/W	4	3.19	10.04	87	
	Imax=393cd/klm	Imax	5	3.99	12.55	56	

		3000K	H(m) D1(m) D2(m) Emax(lx)				
		Ra80	38° 100°				
TS853	Fixture Power	35W	1	0.80	2.51	1465	
	Source Flux	4919lm	2	1.60	5.02	366	
	Fixture Flux	2506lm	3	2.39	7.53	163	
	Efficacy	72lm/W	4	3.19	10.04	92	
	Imax=393cd/klm	Imax	5	3.99	12.55	59	

		4000K	H(m) D1(m) D2(m) Emax(lx)				
		Ra80	38° 100°				
TS853	Fixture Power	35W	1	0.80	2.51	1483	
	Source Flux	4979lm	2	1.60	5.02	371	
	Fixture Flux	2536lm	3	2.39	7.53	165	
	Efficacy	73lm/W	4	3.19	10.04	93	
	Imax=393cd/klm	Imax	5	3.99	12.55	59	