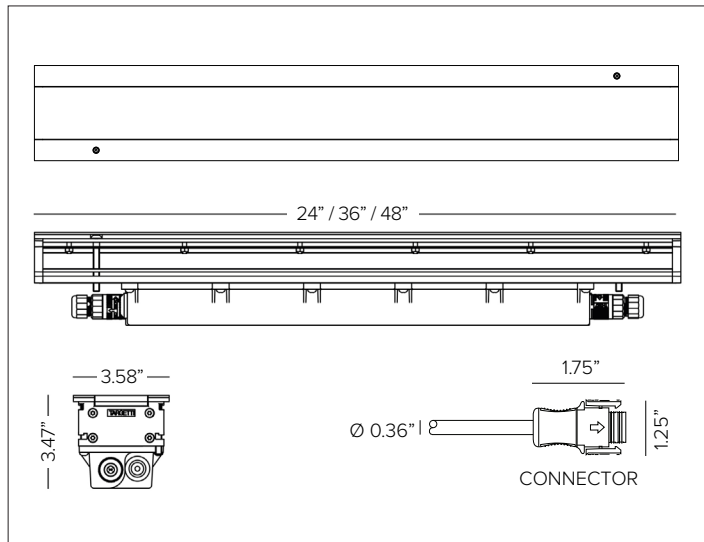


# JEDI RECESSED

## Recessed Linear LED Ingrade



JEDI RECESSED



### CONCEPT

Powerful recessed linear LED ingrade.

### MECHANICAL CHARACTERISTICS

<b>Housing</b>	3.58"W x 3.47"D
<b>Materials</b>	Extruded 15μ anodized aluminum body and black painted die-cast aluminum end caps with extra clear 10mm flat glass with stainless steel AISI 316 border trim, Integral driver housed in black polycarbonate box on underside of fixture.
<b>Finish</b>	<div> <span>●</span> Brushed Natural                     <span>●</span> Bronze PVD*                     <span>●</span> Black PVD*                 </div> <p>*Physical Vapor Deposition, available upon request.</p>
<b>Power Connection</b>	Cabled with 10ft SJ00W 16-6 cable and DSM&T anti-wicking quick disconnect, 600V rated. <b>Lead and Solo configurations provided with 10ft lead cable.</b>
<b>Mounting</b>	Installation sleeve required for inground flush mounting, see available options. Fixture incorporated with anti-theft stainless steel screws for securing to sleeve.
<b>Weight</b>	7.7lbs (24") / 9lbs (36") / 15lbs (48")
<b>Protection</b>	IP68 <sup>B</sup> / IP69K
<b>Impact</b>	IK10
<b>Load Rating</b>	H-20 fire truck tested resistant to static loads up to 28,229lbs.

### CERTIFICATIONS

cULus listed Wet Location Listed E477426  
 H-20 Load rating tested  
 Tested in accordance with LM-79-08  
 Compliant for California installations.  
 RoHS3 EU 215/863

### WARRANTY

5 year limited warranty.

<sup>A</sup> Fixture suitable for use in marine grade environments. Stainless Steel trim brushed finished surfaces may need to be cleaned occasionally to prevent collection of mineral deposits. Not to be in direct contact with salt or corrosive agents for extended periods of time.

<sup>B</sup> 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

<b>Power Supply</b>	Integral electronic 0–10V dimmable driver to 1% dim range.
<b>Wattage</b>	27W (24"L) / 39W (36"L) / 51W (48"L) nominal. Consult factory for derated options.
<b>Voltage</b>	Universal Voltage 120-277V AC 50/60Hz
<b>Safe Flicker</b>	PstLM<1 and SVM<1 (IEC TR 61547-1 and IEC TR 63158)

### SOURCE

SP: High efficiency LED emitter. WW / WG / FL / DV: Linear high efficiency LED board.

TM30	CCT (Nominal)	CRI	R <sub>f</sub>	R <sub>g</sub>	SDCM
	2700K	80	83	97	2
	3000K	80	82.9	98.8	2
	3500K	80	83	96	2
	4000K	80	82.6	95.7	2

### OPTIC

Ra90 available upon request

Optical system is dependent on beam angle. WW / WG / FL is comprised of a primary cylindrical glass lens and a high reflectance anodized aluminum reflector with an integrated holographic filter. SP is comprised of individual lenses for more precise beam and higher intensity. DV is comprised of white silk-screen tempered glass.

Beam	WW 59°x115°	WG 15°x76°	FL 32°x85°	SP 10°x10°
<b>Delivered Lumens</b>	<b>3000K</b> 2572Lm	2842Lm	2555Lm	1591Lm
	<b>4000K</b> 2700Lm	2983Lm	2682Lm	1723Lm

*Data represents max output version only; refer to photometry section for all fixture variations.*

*For 2700K lumen values use multiplier of 0.96 from 3000K. For 3500K lumen values use multiplier of 1.02 from 3000K.*

**Efficacy** 113Lm/W max. Refer to photometric graphs for specific values.

**Lifetime** WW / WG / FL: L92/B10 30,000hrs at max TA +25°C, L87/B10 50,000hrs at max TA +25°C  
 SP: L96/B10 30,000hrs at max TA +25°C, L92/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.

# JEDI RECESSED

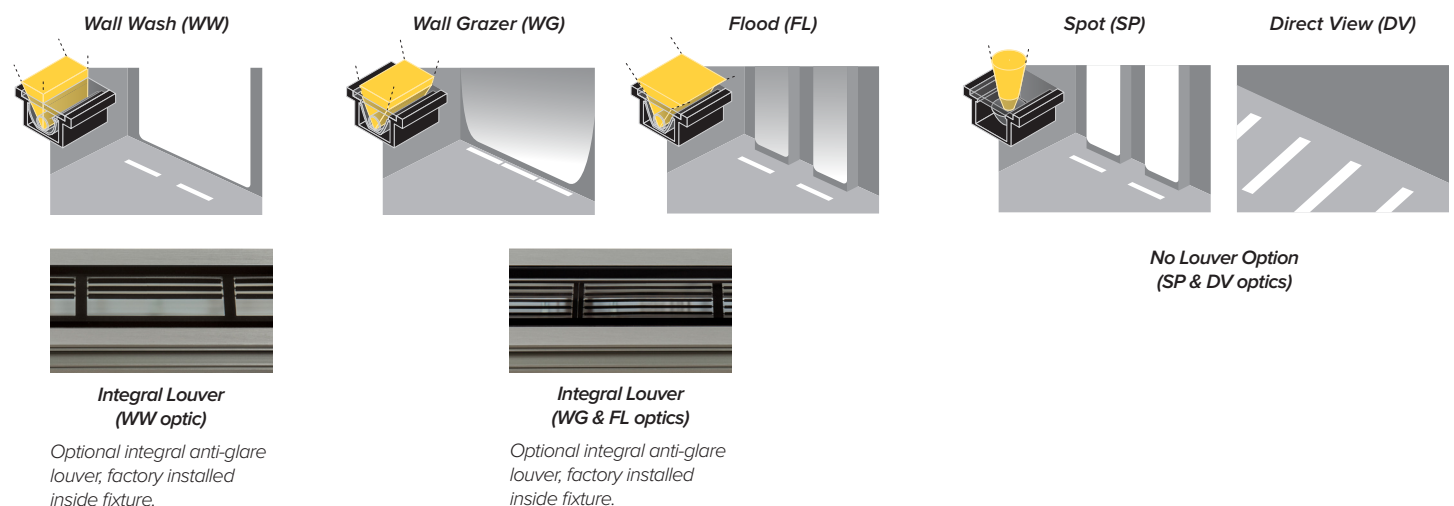
## SPECIFICATION INFORMATION

JE	R											
1	2	3	4	5	6	7	8	9	10	11	12	
Ex: JER10WW2427SLV / 1E3507							OPTIONAL			REQUIRED	OPTIONAL	

1 - PRODUCT CODE	2 - TYPE	3 - DRIVER	4 - OPTICS	5 - LENGTH	6 - KELVIN	7 - CABLE	8 - OPTIONAL
JE — JEDI	R — Recessed	10 — 0–10V	WW — WW 59°x115°	24 — 24"	27 — 2700K	L — Lead	LV <sup>P</sup> — Integral Anti-Glare Louver
			WG — WG 15°x76°	36 — 36"	30 — 3000K	C — Center	
			FL — FL 32°x85°	48 — 48"	35 — 3500K	E — End	
			DV <sup>P</sup> — Direct View	40 — 4000K	S — Solo		
			SP <sup>C,D</sup> — SP 10°x10°	30 — 3000K			
					35 — 3500K		
					40 — 4000K		
9 - LEAD CONNECTION CABLE		10 - JUMPER CONNECTION CABLE		11 - INSTALLATION		12 - INSTALLATION ACCESSORIES	
<a href="#">Additional 25ft Lead</a> See section for details		<a href="#">Additional 10ft Jumper</a> See section for details		<a href="#">Stainless Steel Sleeve</a> See section for details		<a href="#">Anti-vandal Torx Head</a> See section for details	
		<a href="#">Additional 25ft Jumper</a> See section for details		<a href="#">Extruded Aluminum Sleeve</a> See section for details		<a href="#">Suction Cup</a> See section for details	

<sup>°</sup> SP optic not available in 2700K.  
<sup>°</sup> LV option not available with SP or DV optics.

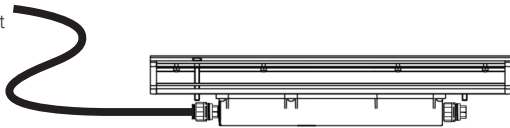
## OPTIC VERSIONS



# JEDI RECESSED

## 7 – CABLE

10ft lead cable  
120-277V Input



Lead – 10ft SJ00W 16-6 lead cable with DSM&T connector included.

Part No. **L**

120-277V Input



Center – 32" SJ00W 16-6 jumper cable with DSM&T connectors.

Part No. **C**

120-277V Input



End – 32" SJ00W 16-6 jumper cable with DSM&T connectors and additional DSM&T cap for dead end.

Part No. **E**

10ft lead cable  
120-277V Input



Solo – 10ft SJ00W 16-6 lead cable with DSM&T connector and additional DSM&T cap for dead end.

Part No. **S**

## 9 – LONGER LEAD CONNECTION CABLE (OPTIONAL)



JEDI longer lead includes SJ00W 16-6 cable with DSM&T quick disconnect.

Length 25ft

Part No. **JEDILEAD-25**

## 10 – JUMPER CONNECTION CABLE (OPTIONAL)



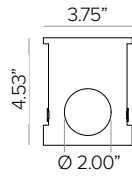
JEDI jumper cable includes SJ00W 16-6 cable with two DSM&T quick disconnects.

Length 10ft 25ft

Part No. **JEDIJUMP-10 JEDIJUMP-25**

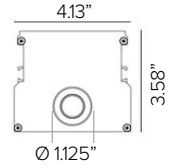
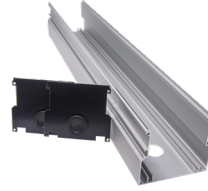
# JEDI RECESSED

## 11 – INSTALLATION (REQUIRED)



JEDI Stainless steel installation sleeve, supplied with 2ea end caps with 1.5" knock out. **Best used for harsh environments and for solo fixture installations that require more cable slack space underneath the fixture. Also can be used for interconnected fixtures or with paver installations.**

Length	24"	36"	48"
Part No.	<b>1US2749</b>	<b>1US2750</b>	<b>1US2751</b>



JEDI extruded aluminum low profile installation sleeve. Supplied with 2ea end caps with 3/4" knock out. **Best used for shallow depth interconnected fixture runs, best results obtained with staggered seam layout to ensure straight lines.**

Length	24"	36"	48"
Part No.	<b>NOT COMPATIBLE</b>	<b>1E3508</b>	<b>1E3509</b>

## 12 – INSTALLATION ACCESSORIES (OPTIONAL)



Anti-vandal torx head. **Recommended one per 5 fixtures.**

Part No. **1E3182**



Suction cup tool for fixture removal. **Helpful one per 20 fixtures.**

Part No. **1E0388**

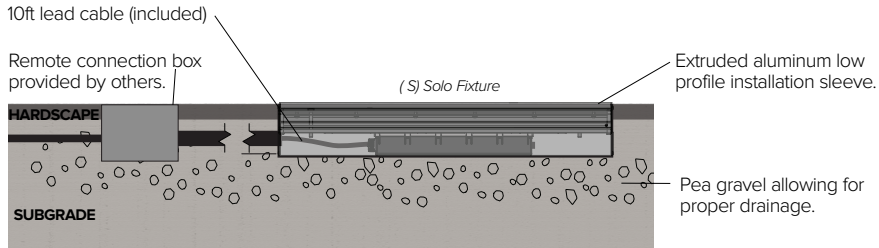


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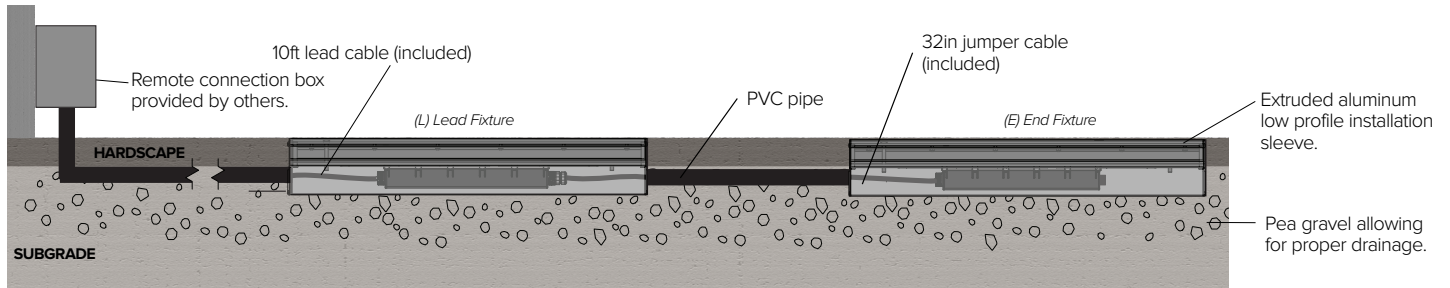
## INSTALLATION DIAGRAM

### EXTRUDED ALUMINUM INSTALLATION SLEEVE

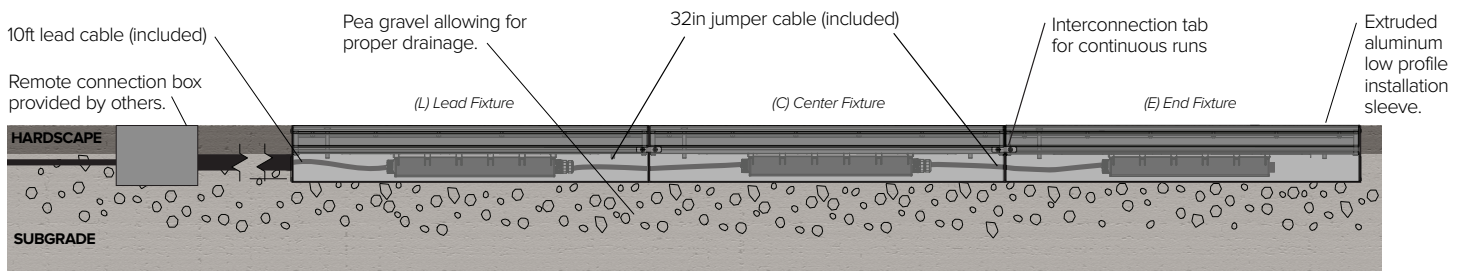
#### SOLO MOUNTING CONFIGURATION



#### IN-LINE MOUNTING CONFIGURATION



#### IN-LINE CONTINUOUS ROW MOUNTING CONFIGURATION

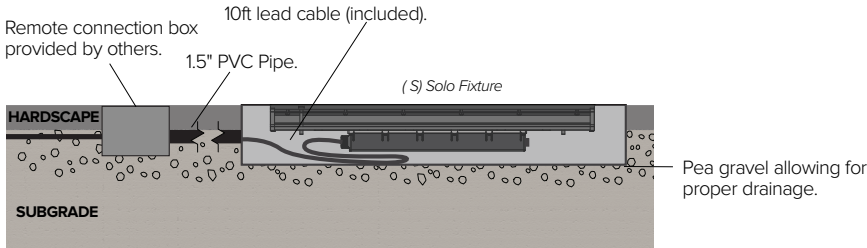


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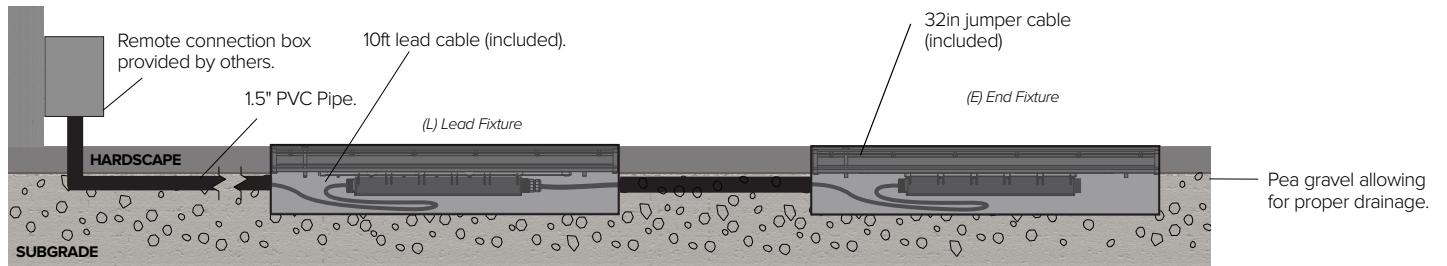
## INSTALLATION DIAGRAM

### STAINLESS STEEL INSTALLATION SLEEVE

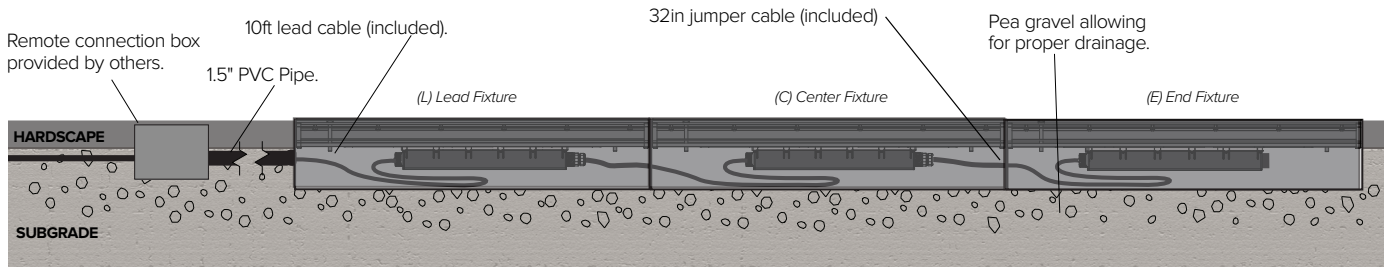
#### SOLO MOUNTING CONFIGURATION



#### IN-LINE MOUNTING CONFIGURATION



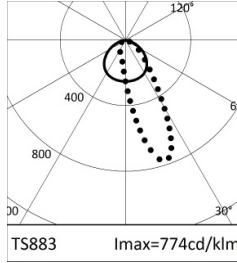
#### IN-LINE CONTINUOUS ROW MOUNTING CONFIGURATION



# JEDI RECESSED

## PHOTOMETRY

### 24" WALL WASHER



3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	115°	59°		
Fixture Power	28W	1	3.12	1.34 2299
Source Flux	3420lm	2	6.23	2.67 575
Fixture Flux	2572lm	3	9.35	4.01 255
Efficacy	92lm/W	4	12.47	5.35 144
TS883	I <sub>max</sub> =774cd/klm	I <sub>max</sub>	2646cd	5 15.59 6.69 92



4000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	115°	59°		
Fixture Power	28W	1	3.12	1.34 2414
Source Flux	3590lm	2	6.23	2.67 603
Fixture Flux	2700lm	3	9.35	4.01 268
Efficacy	96lm/W	4	12.47	5.35 151
TS883	I <sub>max</sub> =774cd/klm	I <sub>max</sub>	2778cd	5 15.59 6.69 97

### 36" WALL WASHER



3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	115°	59°		
Fixture Power	40W	1	3.12	1.34 3449
Source Flux	5130lm	2	6.23	2.67 862
Fixture Flux	3858lm	3	9.35	4.01 383
Efficacy	96lm/W	4	12.47	5.35 216
TS883	I <sub>max</sub> =774cd/klm	I <sub>max</sub>	3969cd	5 15.59 6.69 138



4000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	115°	59°		
Fixture Power	40W	1	3.12	1.34 3620
Source Flux	5385lm	2	6.23	2.67 905
Fixture Flux	4050lm	3	9.35	4.01 402
Efficacy	101lm/W	4	12.47	5.35 226
TS883	I <sub>max</sub> =774cd/klm	I <sub>max</sub>	4167cd	5 15.59 6.69 145

### 48" WALL WASHER



3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	115°	59°		
Fixture Power	53W	1	3.12	1.34 4599
Source Flux	6840lm	2	6.23	2.67 1150
Fixture Flux	5144lm	3	9.35	4.01 511
Efficacy	97lm/W	4	12.47	5.35 287
TS883	I <sub>max</sub> =774cd/klm	I <sub>max</sub>	5293cd	5 15.59 6.69 184



4000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	115°	59°		
Fixture Power	53W	1	3.12	1.34 4827
Source Flux	7180lm	2	6.23	2.67 1207
Fixture Flux	5399lm	3	9.35	4.01 536
Efficacy	102lm/W	4	12.47	5.35 302
TS883	I <sub>max</sub> =774cd/klm	I <sub>max</sub>	5556cd	5 15.59 6.69 193

### 24" WALL GRAZER



3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	76°	15°		
Fixture Power	28W	1	1.55	0.26 5474
Source Flux	3420lm	2	3.10	0.51 1368
Fixture Flux	2842lm	3	4.65	0.77 608
Efficacy	101lm/W	4	6.21	1.02 342
TS887	I <sub>max</sub> =1601cd/klm	I <sub>max</sub>	5474cd	5 7.76 1.28 219



4000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	76°	15°		
Fixture Power	28W	1	1.55	0.26 5746
Source Flux	3590lm	2	3.10	0.51 1436
Fixture Flux	2983lm	3	4.65	0.77 638
Efficacy	107lm/W	4	6.21	1.02 359
TS887	I <sub>max</sub> =1601cd/klm	I <sub>max</sub>	5746cd	5 7.76 1.28 230

### 36" WALL GRAZER



3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	76°	15°		
Fixture Power	40W	1	1.55	0.26 8211
Source Flux	5130lm	2	3.10	0.51 2053
Fixture Flux	4263lm	3	4.65	0.77 912
Efficacy	107lm/W	4	6.21	1.02 513
TS887	I <sub>max</sub> =1601cd/klm	I <sub>max</sub>	8211cd	5 7.76 1.28 328



4000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	76°	15°		
Fixture Power	40W	1	1.55	0.26 8619
Source Flux	5385lm	2	3.10	0.51 2155
Fixture Flux	4475lm	3	4.65	0.77 958
Efficacy	112lm/W	4	6.21	1.02 539
TS887	I <sub>max</sub> =1601cd/klm	I <sub>max</sub>	8619cd	5 7.76 1.28 345

### 48" WALL GRAZER



3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	76°	15°		
Fixture Power	53W	1	1.55	0.26 10948
Source Flux	6840lm	2	3.10	0.51 2737
Fixture Flux	5684lm	3	4.65	0.77 1216
Efficacy	107lm/W	4	6.21	1.02 684
TS887	I <sub>max</sub> =1601cd/klm	I <sub>max</sub>	10948cd	5 7.76 1.28 438



4000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	76°	15°		
Fixture Power	53W	1	1.55	0.26 11492
Source Flux	7180lm	2	3.10	0.51 2873
Fixture Flux	5967lm	3	4.65	0.77 1277
Efficacy	113lm/W	4	6.21	1.02 718
TS887	I <sub>max</sub> =1601cd/klm	I <sub>max</sub>	11492cd	5 7.76 1.28 460

# JEDI RECESSED

## PHOTOMETRY

### 24" FLOOD



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		85°	32°	
Fixture Power	28W	1	1.84	0.57	2392
Source Flux	3420lm	2	3.68	1.14	598
Fixture Flux	2555lm	3	5.53	1.70	266
Efficacy	91lm/W	4	7.37	2.27	149
TS885	Imax=699cd/klm	Imax	2392cd	5	9.21 2.84 96



	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		85°	32°	
Fixture Power	28W	1	1.84	0.57	2511
Source Flux	3590lm	2	3.68	1.14	628
Fixture Flux	2682lm	3	5.53	1.70	279
Efficacy	96lm/W	4	7.37	2.27	157
TS885	Imax=699cd/klm	Imax	2511cd	5	9.21 2.84 100

### 36" FLOOD



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		85°	32°	
Fixture Power	40W	1	1.84	0.57	3588
Source Flux	5130lm	2	3.68	1.14	897
Fixture Flux	3833lm	3	5.53	1.70	399
Efficacy	96lm/W	4	7.37	2.27	224
TS885	Imax=699cd/klm	Imax	3588cd	5	9.21 2.84 144



	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		85°	32°	
Fixture Power	40W	1	1.84	0.57	3766
Source Flux	5385lm	2	3.68	1.14	942
Fixture Flux	4024lm	3	5.53	1.70	418
Efficacy	101lm/W	4	7.37	2.27	235
TS885	Imax=699cd/klm	Imax	3766cd	5	9.21 2.84 151

### 48" FLOOD



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		85°	32°	
Fixture Power	53W	1	1.84	0.57	4784
Source Flux	6840lm	2	3.68	1.14	1196
Fixture Flux	5111lm	3	5.53	1.70	532
Efficacy	96lm/W	4	7.37	2.27	299
TS885	Imax=699cd/klm	Imax	4784cd	5	9.21 2.84 191



	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		85°	32°	
Fixture Power	53W	1	1.84	0.57	5022
Source Flux	7180lm	2	3.68	1.14	1255
Fixture Flux	5365lm	3	5.53	1.70	558
Efficacy	101lm/W	4	7.37	2.27	314
TS885	Imax=699cd/klm	Imax	5022cd	5	9.21 2.84 201

### 24" SPOT



	3000K	H(m)	D(m)	Emax(lx)	
	Ra80		10°		
Fixture Power	28W	1	0.18	32201	
Source Flux	1947lm	2	0.37	8050	
Fixture Flux	1591lm	3	0.55	3578	
Efficacy	57lm/W	4	0.73	2013	
TS889	Imax=16539cd/klm	Imax	32201cd	5	0.92 1288



	4000K	H(m)	D(m)	Emax(lx)
	Ra80		10°	
Fixture Power	28W	1	0.18	34880
Source Flux	2109lm	2	0.37	8720
Fixture Flux	1723lm	3	0.55	3876
Efficacy	62lm/W	4	0.73	2180
TS889	Imax=16539cd/klm	Imax	34880cd	5

### 36" SPOT



	3000K	H(m)	D(m)	Emax(lx)	
	Ra80		10°		
Fixture Power	40W	1	0.18	48326	
Source Flux	2922lm	2	0.37	12081	
Fixture Flux	2387lm	3	0.55	5370	
Efficacy	60lm/W	4	0.73	3020	
TS889	Imax=16539cd/klm	Imax	48326cd	5	0.92 1933



	4000K	H(m)	D(m)	Emax(lx)	
	Ra80		10°		
Fixture Power	40W	1	0.18	52345	
Source Flux	3165lm	2	0.37	13086	
Fixture Flux	2586lm	3	0.55	5816	
Efficacy	65lm/W	4	0.73	3272	
TS889	Imax=16539cd/klm	Imax	52345cd	5	0.92 2094

### 48" SPOT

48" SPOT



	3000K	H(m)	D(m)	Emax(lx)	
	Ra80		10°		
Fixture Power	51W	1	0.18	64401	
Source Flux	3894lm	2	0.37	16100	
Fixture Flux	3181lm	3	0.55	7156	
Efficacy	62lm/W	4	0.73	4025	
TS889	Imax=16539cd/klm	Imax	64401cd	5	0.92 2576



	4000K	H(m)	D(m)	Emax(lx)	
	Ra80		10°		
Fixture Power	51W	1	0.18	69760	
Source Flux	4218lm	2	0.37	17440	
Fixture Flux	3446lm	3	0.55	7751	
Efficacy	68lm/W	4	0.73	4360	
TS889	Imax=16539cd/klm	Imax	69760cd	5	0.92 2790