JEDI RECESSED

Recessed Linear LED Ingrade

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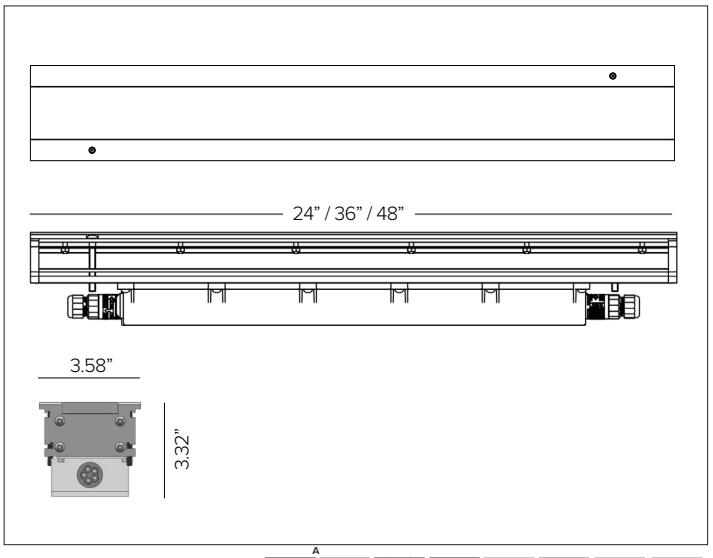

Marine[A] | H20 Firetruck | Drive Over | Cool Touch | RoHS3 Compliant | IP69K | IP68 | cULus

CONCEPT

Powerful recessed linear LED ingrade.

MECHANICAL CHARACTERISTICS

Housing	3.58"W x 3.47"D
Materials	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, optional anti-slip silk screen glass available upon request. Integral driver housed on underside of fixture in compact marine grade coated aluminum driver housing with field service accessibility.
Finish	Brushed Natural Bronze PVD* Black PVD* *Physical Vapor Deposition, available upon request.
Power Connection	Cabled with 10ft 16-6 direct burial cable with quick disconnect, 600V rated. **Lead and Solo configurations provided with 10ft lead cable.**
Mounting	Installation sleeve required for inground flush mounting, see available options. Fixture incorporated with anti-theft stainless steel screws for securing to sleeve.
Weight	7.7lbs (24”) / 9lbs (36”) / 15lbs (48”)
Protection	IP68[B] / IP69K
Impact	IK10
Load Rating	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.
[A] 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.
[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.

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	27W (24”L) / 39W (36”L) / 51W (48”L) nominal. Consult factory for derated options.
Voltage	Universal Voltage 120-277V AC 50/60Hz
Ambient Temp.	-25°C / +40°C (104°F)

SOURCE

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

TM30	***CCT (Nominal)***	***CRI***	***Rf***	***Rg***	***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

Ra90 available upon request

OPTIC

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°***
Delivered Lumens	***3000K***	2572Lm	2842Lm	2555Lm	1591Lm
Data represents max output version only, refer to photometry section for all fixture variations.	***4000K***	2700Lm	2983Lm	2682Lm	1723Lm
	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				

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SPECIFICATION INFORMATION

JE	R						/	/	/	/	
1	2	3	4	5	6	7	8	9	10	11	12

Ex: JER10WW2427SLV / 1US2749

OPTIONAL — REQUIRED — OPTIONAL

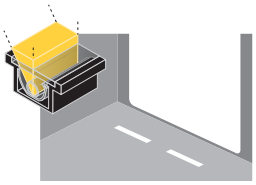
1 - PRODUCT CODE	2 - TYPE	3 - DRIVER	4 - OPTICS	5 - LENGTH	6 - KELVIN	7 - CABLE	8 - OPTIONAL
JE — JEDI	**R** — Recessed	**41** — 4/1 Smart Dimming *(Non-Dimming / 0-10V / Reverse Phase / Forward Phase)*	**WW** — WW 59°x115° **WG** — WG 15°x76° **FL** — FL 32°x85° **DV** [D] — Direct View	**24** — 24” **36** — 36” **48** — 48”	**27** — 2700K **30** — 3000K **35** — 3500K **40** — 4000K	**L** — Lead **C** — Center **E** — End **S** — Solo	**LV** [D] — Integral Anti-Glare Louver **A** — Anti-slip Glass
			SP [C,D] — SP 10°x10°		**30** — 3000K **35** — 3500K **40** — 4000K		**A** — Anti-slip Glass

9 - LONGER LEAD CONNECTION CABLE	10 - JUMPER CONNECTION CABLE	11 - INSTALLATION	12 - INSTALLATION ACCESSORIES
Lead Cable *See section for details*	Jumper Cable *See section for details*	Stainless Steel Sleeve *See section for details*	Anti-vandal Torx Head *See section for details* Suction Cup *See section for details*

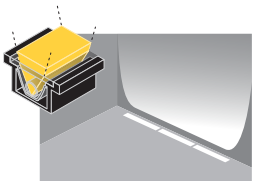
[C] SP optic not available in 2700K.
[D] LV option not available with SP or DV optics.

OPTIC VERSIONS

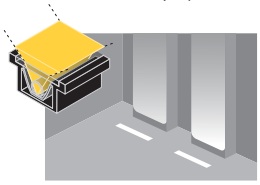
Wall Wash (WW)



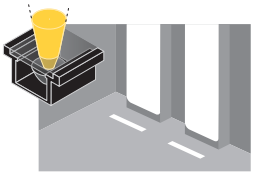
Wall Grazer (WG)



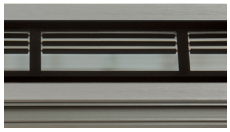
Flood (FL)



Spot (SP)



Direct View (DV)



Integral Louver (WW optic)

Optional integral anti-glare louver, factory installed inside fixture.

Integral Louver (WG & FL optics)

Optional integral anti-glare louver, factory installed inside fixture.

No Louver Option (SP & DV optics)

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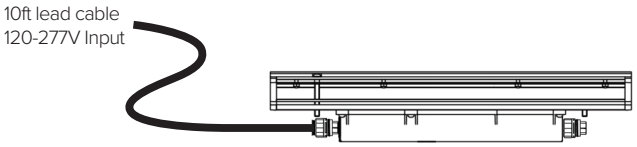
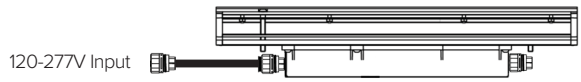
7 – CABLE



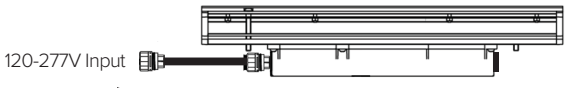
Lead – 10ft SJ00W 16-6 lead cable with DSM&T connector included.

Part No. **L**



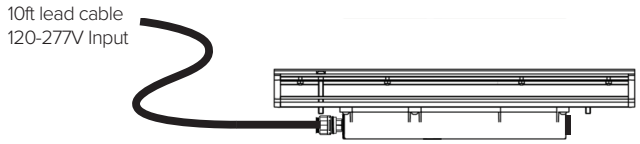
Center – 32” SJ00W 16-6 jumper cable with DSM&T connectors.

Part No. **C**



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

Part No. **E**



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 cable kit. Included 16-6 direct burial cable with quick disconnect.

Length	*25ft*	*50ft*
Part No.	**JE41LEAD–25**	**JE41LEAD–50**

10 – JUMPER CONNECTION CABLE (OPTIONAL)

JEDI jumper cable kit. Included 16-6 direct burial cable with quick disconnects.

Length	*5ft*	*10ft*	*25ft*
Part No.	**JE41JUMP-05**	**JE41JUMP-10**	**JE41JUMP-25**

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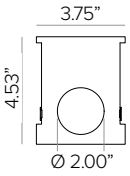
11 – INSTALLATION (REQUIRED)



JEDI installation sleeve kit for concrete pour applications. Stainless steel supplied with 2ea end caps with 1.5” knock out. **Can be used for solo or interconnected fixture configurations along with paver installations.**

Length	24”	36”	48”
Part No.	**1US2749**	**1US2750**	**1US2751**

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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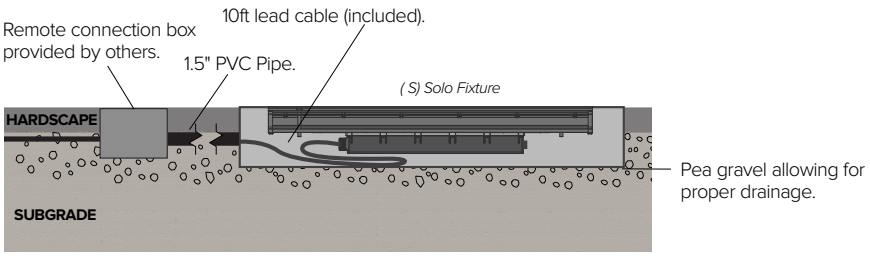
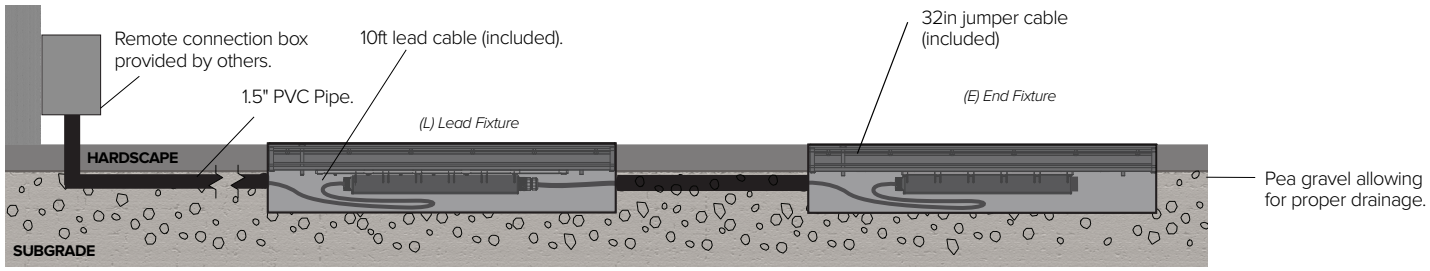
INSTALLATION DIAGRAM

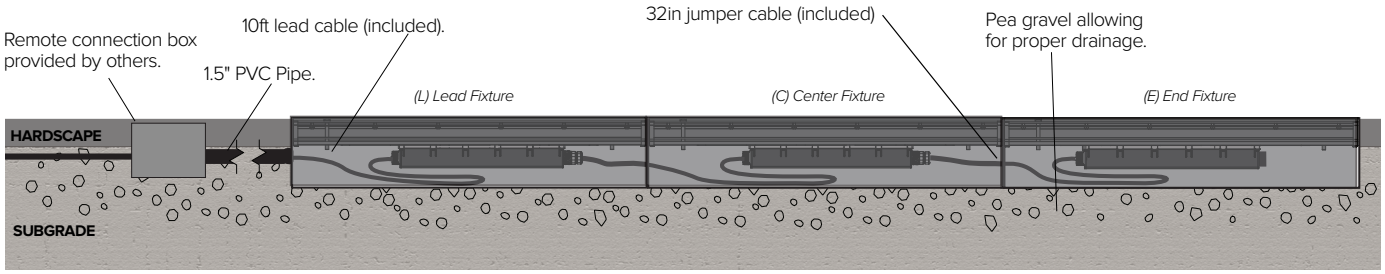
SOLO MOUNTING CONFIGURATION



IN-LINE MOUNTING CONFIGURATION



IN-LINE CONTINUOUS ROW MOUNTING CONFIGURATION



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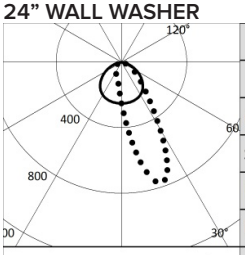
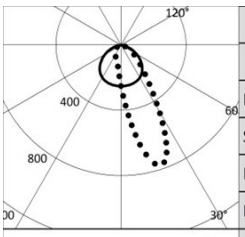
PHOTOMETRY

24” WALL WASHER

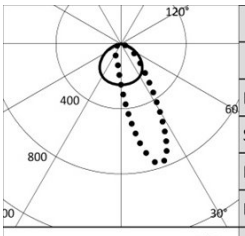


3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			115°	59°	
Fixture Power	28W	1	3.12	1.34	2299
Source Flux	3420lm	2	6.23	2.67	575
Fixture Flux	2572lm	3	9.35	4.01	255
Efficacy	92lm/W	4	12.47	5.35	144
TS883 Imax=774cd/klm	Imax 2646cd	5	15.59	6.69	92

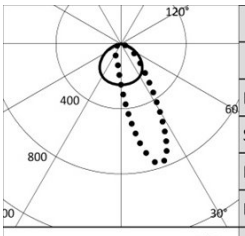


4000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			115°	59°	
Fixture Power	28W	1	3.12	1.34	2414
Source Flux	3590lm	2	6.23	2.67	603
Fixture Flux	2700lm	3	9.35	4.01	268
Efficacy	96lm/W	4	12.47	5.35	151
TS883 Imax=774cd/klm	Imax 2778cd	5	15.59	6.69	97

36” WALL WASHER

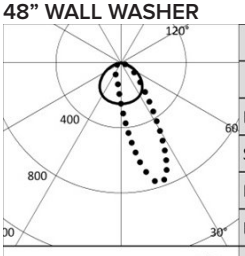


3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			115°	59°	
Fixture Power	40W	1	3.12	1.34	3449
Source Flux	5130lm	2	6.23	2.67	862
Fixture Flux	3858lm	3	9.35	4.01	383
Efficacy	96lm/W	4	12.47	5.35	216
TS883 Imax=774cd/klm	Imax 3969cd	5	15.59	6.69	138

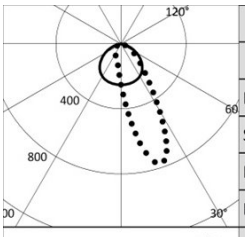


4000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			115°	59°	
Fixture Power	40W	1	3.12	1.34	3620
Source Flux	5385lm	2	6.23	2.67	905
Fixture Flux	4050lm	3	9.35	4.01	402
Efficacy	101lm/W	4	12.47	5.35	226
TS883 Imax=774cd/klm	Imax 4167cd	5	15.59	6.69	145

48” WALL WASHER

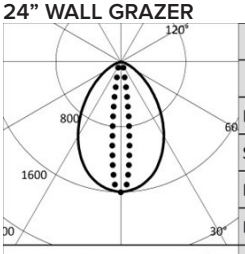


3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			115°	59°	
Fixture Power	53W	1	3.12	1.34	4599
Source Flux	6840lm	2	6.23	2.67	1150
Fixture Flux	5144lm	3	9.35	4.01	511
Efficacy	97lm/W	4	12.47	5.35	287
TS883 Imax=774cd/klm	Imax 5293cd	5	15.59	6.69	184

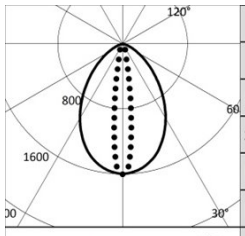


4000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			115°	59°	
Fixture Power	53W	1	3.12	1.34	4827
Source Flux	7180lm	2	6.23	2.67	1207
Fixture Flux	5399lm	3	9.35	4.01	536
Efficacy	102lm/W	4	12.47	5.35	302
TS883 Imax=774cd/klm	Imax 5556cd	5	15.59	6.69	193

24” WALL GRAZER

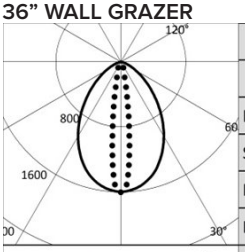


3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			76°	15°	
Fixture Power	28W	1	1.55	0.26	5474
Source Flux	3420lm	2	3.10	0.51	1368
Fixture Flux	2842lm	3	4.65	0.77	608
Efficacy	101lm/W	4	6.21	1.02	342
TS887 Imax=1601cd/klm	Imax 5474cd	5	7.76	1.28	219

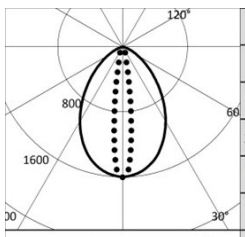


4000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			76°	15°	
Fixture Power	28W	1	1.55	0.26	5746
Source Flux	3590lm	2	3.10	0.51	1436
Fixture Flux	2983lm	3	4.65	0.77	638
Efficacy	107lm/W	4	6.21	1.02	359
TS887 Imax=1601cd/klm	Imax 5746cd	5	7.76	1.28	230

36” WALL GRAZER

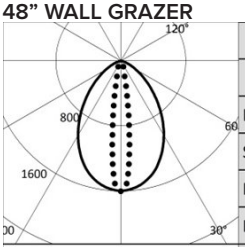


3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			76°	15°	
Fixture Power	40W	1	1.55	0.26	8211
Source Flux	5130lm	2	3.10	0.51	2053
Fixture Flux	4263lm	3	4.65	0.77	912
Efficacy	107lm/W	4	6.21	1.02	513
TS887 Imax=1601cd/klm	Imax 8211cd	5	7.76	1.28	328

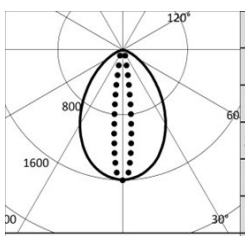


4000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			76°	15°	
Fixture Power	40W	1	1.55	0.26	8619
Source Flux	5385lm	2	3.10	0.51	2155
Fixture Flux	4475lm	3	4.65	0.77	958
Efficacy	112lm/W	4	6.21	1.02	539
TS887 Imax=1601cd/klm	Imax 8619cd	5	7.76	1.28	345

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 Imax=1601cd/klm	Imax 10948cd	5	7.76	1.28	438

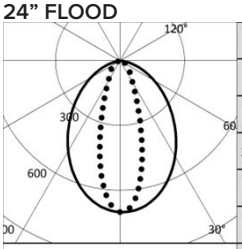


4000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			76°	15°	
Fixture Power	53W	1	1.55	0.26	11492
Source Flux	7180lm	2	3.10	0.51	2873
Fixture Flux	5967lm	3	4.65	0.77	1277
Efficacy	113lm/W	4	6.21	1.02	718
TS887 Imax=1601cd/klm	Imax 11492cd	5	7.76	1.28	460

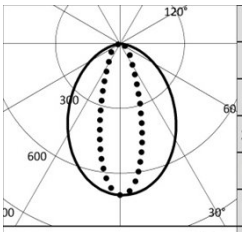
JEDI RECESSED

PHOTOMETRY

24” FLOOD

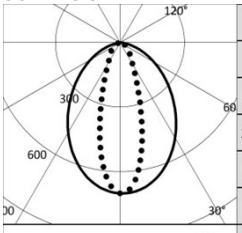


3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			85°	32°	
Fixture Power	28W	1	1.84	0.57	2392
Source Flux	3420lm	2	3.68	1.14	598
Fixture Flux	2555lm	3	5.53	1.70	266
Efficacy	91lm/W	4	7.37	2.27	149
TS885 Imax=699cd/klm	Imax 2392cd	5	9.21	2.84	96

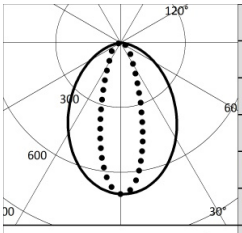


4000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			85°	32°	
Fixture Power	28W	1	1.84	0.57	2511
Source Flux	3590lm	2	3.68	1.14	628
Fixture Flux	2682lm	3	5.53	1.70	279
Efficacy	96lm/W	4	7.37	2.27	157
TS885 Imax=699cd/klm	Imax 2511cd	5	9.21	2.84	100

36” FLOOD

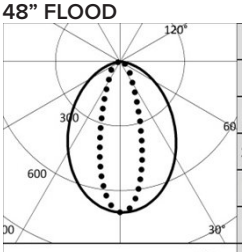


3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			85°	32°	
Fixture Power	40W	1	1.84	0.57	3588
Source Flux	5130lm	2	3.68	1.14	897
Fixture Flux	3833lm	3	5.53	1.70	399
Efficacy	96lm/W	4	7.37	2.27	224
TS885 Imax=699cd/klm	Imax 3588cd	5	9.21	2.84	144

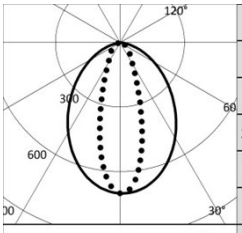


4000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			85°	32°	
Fixture Power	40W	1	1.84	0.57	3766
Source Flux	5385lm	2	3.68	1.14	942
Fixture Flux	4024lm	3	5.53	1.70	418
Efficacy	101lm/W	4	7.37	2.27	235
TS885 Imax=699cd/klm	Imax 3766cd	5	9.21	2.84	151

48” FLOOD

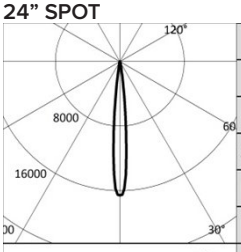


3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			85°	32°	
Fixture Power	53W	1	1.84	0.57	4784
Source Flux	6840lm	2	3.68	1.14	1196
Fixture Flux	5111lm	3	5.53	1.70	532
Efficacy	96lm/W	4	7.37	2.27	299
TS885 Imax=699cd/klm	Imax 4784cd	5	9.21	2.84	191

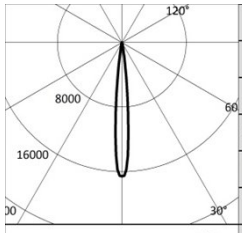


4000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			85°	32°	
Fixture Power	53W	1	1.84	0.57	5022
Source Flux	7180lm	2	3.68	1.14	1255
Fixture Flux	5365lm	3	5.53	1.70	558
Efficacy	101lm/W	4	7.37	2.27	314
TS885 Imax=699cd/klm	Imax 5022cd	5	9.21	2.84	201

24” SPOT

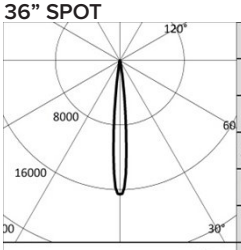


3000K		H(m)	D(m)	Emax(lx)
Ra80			10°	
Fixture Power	28W	1	0.18	32201
Source Flux	1947lm	2	0.37	8050
Fixture Flux	1591lm	3	0.55	3578
Efficacy	57lm/W	4	0.73	2013
TS889 Imax=16539cd/klm	Imax 32201cd	5	0.92	1288

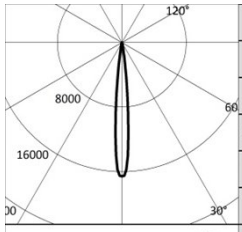


4000K		H(m)	D(m)	Emax(lx)
Ra80			10°	
Fixture Power	28W	1	0.18	34880
Source Flux	2109lm	2	0.37	8720
Fixture Flux	1723lm	3	0.55	3876
Efficacy	62lm/W	4	0.73	2180
TS889 Imax=16539cd/klm	Imax 34880cd	5	0.92	1395

36” SPOT

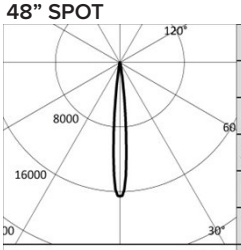


3000K		H(m)	D(m)	Emax(lx)
Ra80			10°	
Fixture Power	40W	1	0.18	48326
Source Flux	2922lm	2	0.37	12081
Fixture Flux	2387lm	3	0.55	5370
Efficacy	60lm/W	4	0.73	3020
TS889 Imax=16539cd/klm	Imax 48326cd	5	0.92	1933

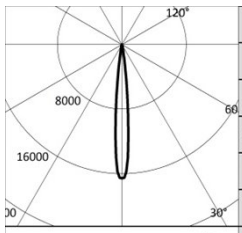


4000K		H(m)	D(m)	Emax(lx)
Ra80			10°	
Fixture Power	40W	1	0.18	52345
Source Flux	3165lm	2	0.37	13086
Fixture Flux	2586lm	3	0.55	5816
Efficacy	65lm/W	4	0.73	3272
TS889 Imax=16539cd/klm	Imax 52345cd	5	0.92	2094

48” SPOT



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