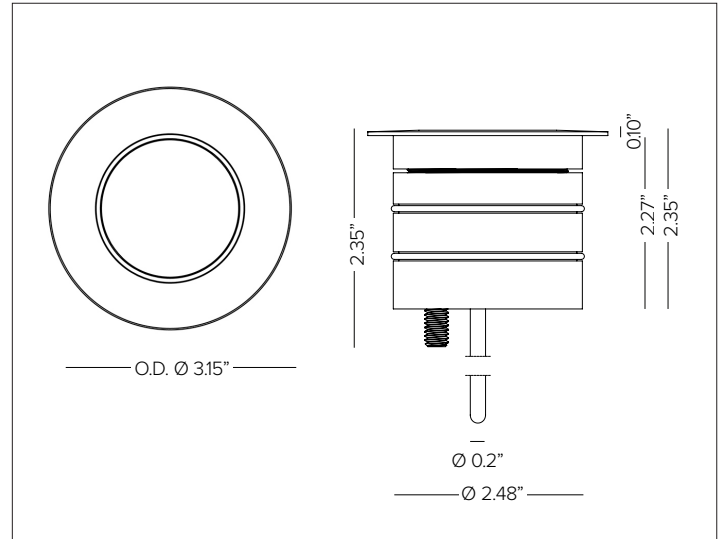


JUPITER

Professional Compact Inground LED Fixture



JUPITER Shown in brushed natural finish.



CONCEPT

Small scale compact recessed ingrade LED fixture.

MECHANICAL CHARACTERISTICS

Housing	3.15" Dia. X 2.21" H
Materials	Milled anodized aluminum marine grade cataphoresis ^A body with Passive cooling system. AISI316L stainless steel trim ring with beveled edge and with extra clear glass lens.
Finish	● Brushed Natural ● Bronze PVD* ● Black PVD* *Physical Vapor Deposition.
Power Connection	Pre-cabled with 2ft direct burial 18ga 2 conductor cable for connection to remote power supply.
Mounting	Semi-flush recessed ingrade / surface wall mounting installation sleeve required, see available options.
Weight	1.1lbs
Protection	IP68 ^B / IP69K
Impact	IK10
Load	Resistant to static loads up to 4,496lbs in flush mounted cement and pavement installations.

CERTIFICATIONS

cULus Class 2 Wet Location Listed E479873.
Tested in accordance with LM-79-08.
Compliant for California installations.
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	Remote Class 2 120V-277V AC power supply required, see available options.
Wattage	7W
Voltage	24V DC

SOURCE

High efficiency LED Chip on Board.

TM30	CCT (Nominal)	CRI	Rf	Rg	SDCM
	2700K	90	92	99	2
	3000K	90	92	101	2
	3500K	90	90	98	2
	4000K	90	90	98	2

OPTIC

Precision optic system with PMMA lenses for the SP, FL and WFL versions with a light cut system integrated into the front glass.

Beam	SP 21°	FL 39°	WFL 53°
Delivered Lumens	2700K 509Lm	526Lm	503Lm
	3000K 532Lm	550Lm	526Lm
	4000K 548Lm	567Lm	542Lm
<i>Data represents max output version only, refer to photometry section for all fixture variations.</i>			
<i>For 3500K lumen values use multiplier of 1.02 from 3000K.</i>			
Efficacy	93Lm/W max. Refer to photometric graphs for specific values.		
Lifetime	L80/B10 >100,000hrs at max Tq +25°C		
Photobiological Classification	Low risk safety RG1		

JUPITER

SPECIFICATION INFORMATION




1 - PRODUCT CODE	2 - DRIVER	3 - OPTIC	4 - WATTAGE	5 - KELVIN	6 - VOLTAGE	7 - TRIM	8 - OPTICAL ACCESSORY
JU — JUPITER	R — Remote Driver	SP — SP 21° FL — FL 39° WF — WFL 53° DV — Direct View	L1 — 7W	27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K	24 — 24V DC	SS — Natural BZ — Bronze BK — Black	— — No Optical Accessory LV ^{c, p} — Honeycomb Louver AS ^{c, p} — Asymmetric Louver

9 - POWER SUPPLY	10 - INSTALLATION	11 - INSTALLATION ACCESSORIES
Power Supply See section for details	3" Installation Sleeve See section for details 6" Installation Sleeve See section for details 9" Installation Sleeve See section for details	Sleeve mounting HUB See section for details Installation J-box See section for details

^c Not compatible with DV optic.

^p Optical accessories are factory pre-installed integral to the fixture.

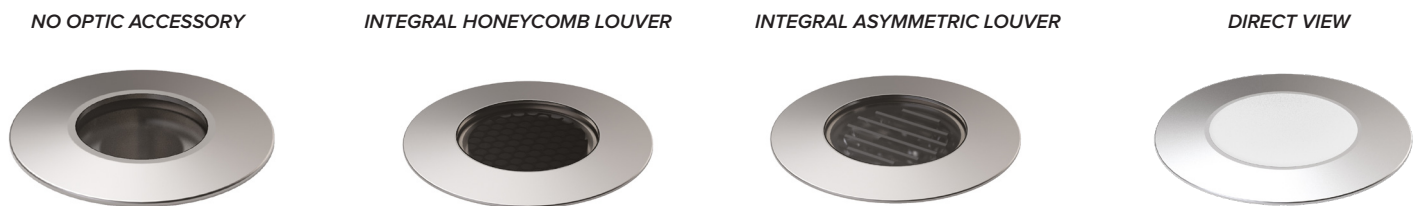
For applicable quick ship items, see model configurations listed below. Lead time for quick ship fixtures is 1-2 weeks from processed PO date. Consult factory for quantities of over 20pcs to confirm lead time.

 QS JUR SPL13024SSLV + 1US3175M + 1US3175HB + 1US317BX + DMLE301242UD / DMLE601242UD / DMLE961242UD
 QS JUR FLL13024SS + 1US3175M + 1US3175HB + 1US317BX + DMLE301242UD / DMLE601242UD / DMLE961242UD

FINISHES



OPTIC VERSIONS



JUPITER

8 - POWER SUPPLY (REQUIRED)

ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DMLE301242UD	30W	MLV / ELV / 0-10V / TRIAC	10%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD MLE-UD electronic driver with wiring compartment.
DELV30124DJBX	30W	0-10V	0.1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
DMLE601242UD	60W	MLV / ELV / 0-10V / TRIAC	10%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD MLE-UD electronic driver with wiring compartment.
DELV60124DJBX	60W	0-10V	0.1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
DMLE961242UD	96W	MLV / ELV / 0-10V / TRIAC	10%	NEMA3R	120-277V / 24V	UL Class 2	5.16" X 7.73" X 1.54"	EMCOD MLE-UD electronic driver with wiring compartment.
DELV96124DJBX	96W	0-10V	0.1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
DMLE1922242UD	2X96W	MLV / ELV / 0-10V / TRIAC	10%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81"	EMCOD MLE-UD electronic driver with wiring compartment.
DMLE2882242UD	3X96W	MLV / ELV / 0-10V / TRIAC	10%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81"	EMCOD MLE-UD electronic driver with wiring compartment.

STANDALONE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Standalone)	Description
DELV30124D	30W	0-10V	0.1%	IP65	120-277V / 24V	UR Class 2	7.5" X 2.4" X 1.4"	Magnitude SOLIDrive electronic standalone driver. UL listed enclosure provided by others.
DELV60124D	60W	0-10V	0.1%	IP65	120-277V / 24V	UR Class 2	7.5" X 2.4" X 1.4"	Magnitude SOLIDrive electronic standalone driver. UL listed enclosure provided by others.
DELV96124D	96W	0-10V	0.1%	IP65	120-277V / 24V	UR Class 2	7.5" X 2.4" X 1.4"	Magnitude SOLIDrive electronic standalone driver. UL listed enclosure provided by others.

MAX FIXTURES PER DRIVER

Fixture Wattage	Driver Wattage				
	30W	60W	96W	2 x 96W	3 x 96W
7W	3	6	10	10+10	10+10+10

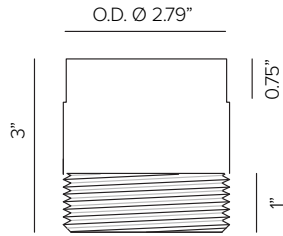
MAX CABLE DISTANCE

Fixture Wattage	No. Fixtures	Load	18 AWG	16 AWG	14 AWG	12 AWG
7W	3	≤21W	55ft	85ft	140ft	220ft
	6	≤42W	31ft	50ft	80ft	125ft
	10	≤70W	19ft	30ft	48ft	75ft

*Voltage drop calculations are based on 3% max drop to last fixture in run for load and distances below

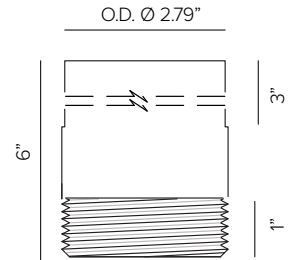
JUPITER

10 – INSTALLATION (REQUIRED)



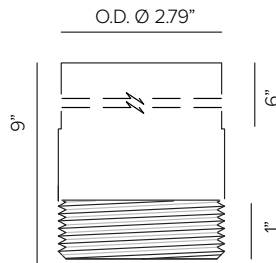
3" installation sleeve. Tube with threaded bottom end for height adjustment up to 3/4" for precision mounting.

Part No. **1US3175M**



6" installation sleeve. Tube with threaded bottom end for height adjustment up to 3/4" for precision mounting. Can be used with inground paver installation. 2" field cut allowance.

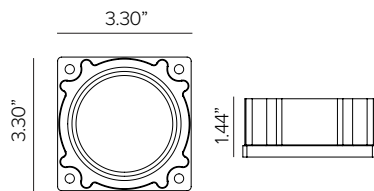
Part No. **1US3175L**



9" installation sleeve. Tube with threaded bottom end for height adjustment up to 3/4" for precision mounting. Can be used with inground paver installation. 2" field cut allowance.

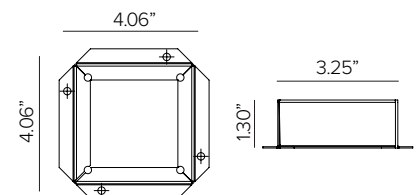
Part No. **1US3175X**

11 – INSTALLATION ACCESSORIES (OPTIONAL)



HUB with 3/4" height adjustability for field leveling mounted on 3-3/4" square j-box cover. Optional for use of sleeve only.

Part No. **1US3175HB**



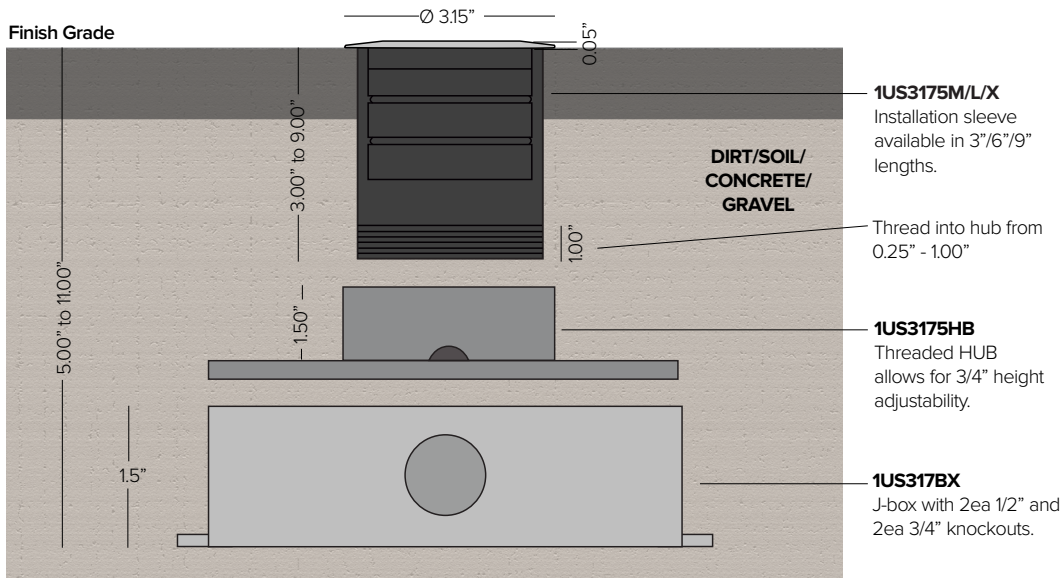
3-1/2" x 3-4/4" installation J-box. Aluminum with 2ea 1/2" and 2ea 3/4" knockouts. Optional for use with HUB only.

Part No. **1US317BX**

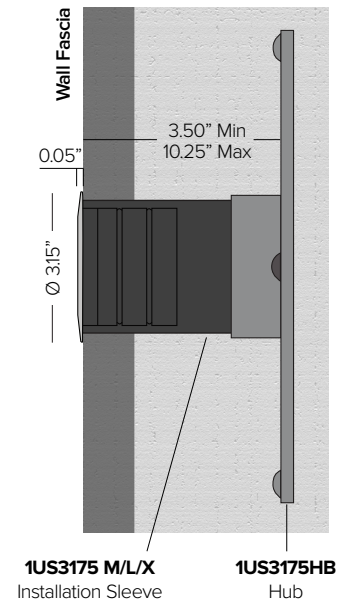
JUPITER

INSTALLATION DIAGRAMS

In-Ground Mounting



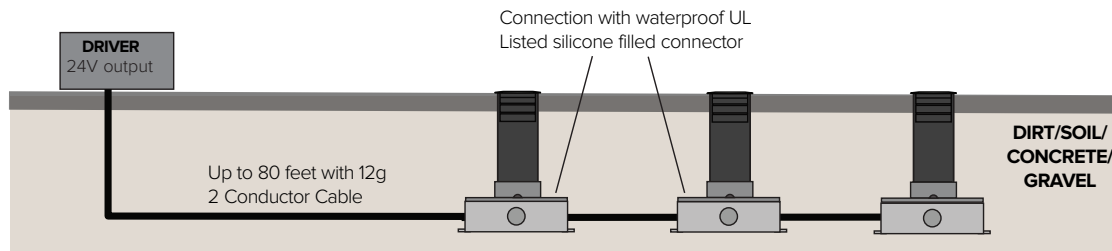
Surface Wall Mount



Overall Heights

- 3" Installation Sleeve = 5.00" Min to 5.75" Max
- 6" Installation Sleeve = 8.00" Min to 8.75" Max
- 9" Installation Sleeve = 11.00" Min to 11.75" Max

WIRING DIAGRAM



NOTE: Low voltage outdoor landscape wiring to be installed by a certified electrician per local building requirements, max 4A 96W circuit.

JUPITER

PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

SPOT



2700K		H(m)	D(m)	E _{max} (lx)		
Ra90				21°		
Fixture Power	7W	1	0.38	2234		
Source Flux	723lm	2	0.75	558		
Fixture Flux	509lm	3	1.13	248		
Efficacy	76lm/W	4	1.50	140		
TS1424	I _{max} =3090cd/klm	I _{max}	2234cd	5	1.88	89



3000K		H(m)	D(m)	E _{max} (lx)		
Ra90				21°		
Fixture Power	7W	1	0.38	2336		
Source Flux	756lm	2	0.75	584		
Fixture Flux	532lm	3	1.13	260		
Efficacy	79lm/W	4	1.50	146		
TS1424	I _{max} =3090cd/klm	I _{max}	2336cd	5	1.88	93



4000K		H(m)	D(m)	E _{max} (lx)		
Ra90				21°		
Fixture Power	7W	1	0.38	2407		
Source Flux	779lm	2	0.75	602		
Fixture Flux	548lm	3	1.13	267		
Efficacy	82lm/W	4	1.50	150		
TS1424	I _{max} =3090cd/klm	I _{max}	2407cd	5	1.88	96

FLOOD



2700K		H(m)	D(m)	E _{max} (lx)		
Ra90				39°		
Fixture Power	7W	1	0.71	976		
Source Flux	723lm	2	1.41	244		
Fixture Flux	526lm	3	2.12	108		
Efficacy	79lm/W	4	2.83	61		
TS1425	I _{max} =1349cd/klm	I _{max}	976cd	5	3.53	39



3000K		H(m)	D(m)	E _{max} (lx)		
Ra90				39°		
Fixture Power	7W	1	0.71	1020		
Source Flux	756lm	2	1.41	255		
Fixture Flux	550lm	3	2.12	113		
Efficacy	82lm/W	4	2.83	64		
TS1425	I _{max} =1349cd/klm	I _{max}	1020cd	5	3.53	41



4000K		H(m)	D(m)	E _{max} (lx)		
Ra90				39°		
Fixture Power	6W	1	0.71	1051		
Source Flux	779lm	2	1.41	263		
Fixture Flux	567lm	3	2.12	117		
Efficacy	93lm/W	4	2.83	66		
TS1425	I _{max} =1349cd/klm	I _{max}	1051cd	5	3.53	42

WIDE FLOOD



2700K		H(m)	D(m)	E _{max} (lx)		
Ra90				53°		
Fixture Power	7W	1	0.99	614		
Source Flux	723lm	2	1.99	154		
Fixture Flux	503lm	3	2.98	68		
Efficacy	75lm/W	4	3.98	38		
TS1426	I _{max} =849cd/klm	I _{max}	614cd	5	4.97	25



3000K		H(m)	D(m)	E _{max} (lx)		
Ra90				53°		
Fixture Power	7W	1	0.99	642		
Source Flux	756lm	2	1.99	161		
Fixture Flux	526lm	3	2.98	71		
Efficacy	79lm/W	4	3.98	40		
TS1426	I _{max} =849cd/klm	I _{max}	642cd	5	4.97	26



4000K		H(m)	D(m)	E _{max} (lx)		
Ra90				53°		
Fixture Power	7W	1	0.99	662		
Source Flux	779lm	2	1.99	165		
Fixture Flux	542lm	3	2.98	74		
Efficacy	81lm/W	4	3.98	41		
TS1426	I _{max} =849cd/klm	I _{max}	662cd	5	4.97	26

JUPITER

PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

SPOT ASYMMETRIC LOUVER

	2700K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra90		26°	26°			
	Fixture Power	7W	1	0.56	0.50	365	
	Source Flux	723lm	2	1.11	1.00	91	
	Fixture Flux	153lm	3	1.67	1.51	41	
	Efficacy	23lm/W	4	2.22	2.01	23	
TS1430	I _{max} =628cd/klm	I _{max}	454cd	5	2.78	2.51	15

	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra90		26°	26°			
	Fixture Power	7W	1	0.56	0.50	381	
	Source Flux	756lm	2	1.11	1.00	95	
	Fixture Flux	161lm	3	1.67	1.51	42	
	Efficacy	24lm/W	4	2.22	2.01	24	
TS1430	I _{max} =628cd/klm	I _{max}	475cd	5	2.78	2.51	15

	4000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra90		26°	26°			
	Fixture Power	7W	1	0.56	0.50	393	
	Source Flux	779lm	2	1.11	1.00	98	
	Fixture Flux	165lm	3	1.67	1.51	44	
	Efficacy	25lm/W	4	2.22	2.01	25	
TS1430	I _{max} =628cd/klm	I _{max}	489cd	5	2.78	2.51	16

FLOOD ASYMMETRIC LOUVER

	2700K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra90		36°	41°			
	Fixture Power	7W	1	0.82	0.82	209	
	Source Flux	723lm	2	1.64	1.64	52	
	Fixture Flux	147lm	3	2.46	2.46	23	
	Efficacy	22lm/W	4	3.29	3.29	13	
TS1431	I _{max} =377cd/klm	I _{max}	273cd	5	4.11	4.11	8

	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra90		36°	41°			
	Fixture Power	7W	1	0.82	0.82	218	
	Source Flux	756lm	2	1.64	1.64	55	
	Fixture Flux	154lm	3	2.46	2.46	24	
	Efficacy	23lm/W	4	3.29	3.29	14	
TS1431	I _{max} =377cd/klm	I _{max}	285cd	5	4.11	4.11	9

	4000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra90		36°	41°			
	Fixture Power	7W	1	0.82	0.82	225	
	Source Flux	779lm	2	1.64	1.64	56	
	Fixture Flux	159lm	3	2.46	2.46	25	
	Efficacy	24lm/W	4	3.29	3.29	14	
TS1431	I _{max} =377cd/klm	I _{max}	294cd	5	4.11	4.11	9

WIDE FLOOD ASYMMETRIC LOUVER

	2700K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra90		42°	49°			
	Fixture Power	7W	1	1.01	1.05	144	
	Source Flux	723lm	2	2.01	2.11	36	
	Fixture Flux	136lm	3	3.02	3.16	16	
	Efficacy	20lm/W	4	4.03	4.22	9	
TS1432	I _{max} =270cd/klm	I _{max}	195cd	5	5.03	5.27	6

	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra90		42°	49°			
	Fixture Power	7W	1	1.01	1.05	151	
	Source Flux	756lm	2	2.01	2.11	38	
	Fixture Flux	143lm	3	3.02	3.16	17	
	Efficacy	21lm/W	4	4.03	4.22	9	
TS1432	I _{max} =270cd/klm	I _{max}	204cd	5	5.03	5.27	6

	4000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra90		42°	49°			
	Fixture Power	7W	1	1.01	1.05	155	
	Source Flux	779lm	2	2.01	2.11	39	
	Fixture Flux	147lm	3	3.02	3.16	17	
	Efficacy	22lm/W	4	4.03	4.22	10	
TS1432	I _{max} =270cd/klm	I _{max}	211cd	5	5.03	5.27	6

JUPITER

PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

SPOT HONEYCOMB LOUVER



2700K		H(m)	D(m)	E _{max} (lx)		
Ra90			18°			
Fixture Power	7W	1	0.32	2056		
Source Flux	723lm	2	0.63	514		
Fixture Flux	319lm	3	0.95	228		
Efficacy	48lm/W	4	1.27	129		
TS1427	I _{max} =2844cd/klm	I _{max}	2056cd	5	1.59	82



3000K		H(m)	D(m)	E _{max} (lx)		
Ra90			18°			
Fixture Power	7W	1	0.32	2150		
Source Flux	756lm	2	0.63	537		
Fixture Flux	334lm	3	0.95	239		
Efficacy	50lm/W	4	1.27	134		
TS1427	I _{max} =2844cd/klm	I _{max}	2150cd	5	1.59	86



4000K		H(m)	D(m)	E _{max} (lx)		
Ra90			18°			
Fixture Power	7W	1	0.32	2215		
Source Flux	779lm	2	0.63	554		
Fixture Flux	344lm	3	0.95	246		
Efficacy	51lm/W	4	1.27	138		
TS1427	I _{max} =2844cd/klm	I _{max}	2215cd	5	1.59	89

FLOOD HONEYCOMB LOUVER



2700K		H(m)	D(m)	E _{max} (lx)		
Ra90			29°			
Fixture Power	7W	1	0.52	897		
Source Flux	723lm	2	1.05	224		
Fixture Flux	286lm	3	1.57	100		
Efficacy	43lm/W	4	2.09	56		
TS1428	I _{max} =1241cd/klm	I _{max}	897cd	5	2.61	36



3000K		H(m)	D(m)	E _{max} (lx)		
Ra90			29°			
Fixture Power	7W	1	0.52	938		
Source Flux	756lm	2	1.05	235		
Fixture Flux	299lm	3	1.57	104		
Efficacy	45lm/W	4	2.09	59		
TS1428	I _{max} =1241cd/klm	I _{max}	938cd	5	2.61	38



4000K		H(m)	D(m)	E _{max} (lx)		
Ra90			29°			
Fixture Power	7W	1	0.52	967		
Source Flux	779lm	2	1.05	242		
Fixture Flux	308lm	3	1.57	107		
Efficacy	46lm/W	4	2.09	60		
TS1428	I _{max} =1241cd/klm	I _{max}	967cd	5	2.61	39

WIDE FLOOD HONEYCOMB LOUVER



2700K		H(m)	D(m)	E _{max} (lx)		
Ra90			38°			
Fixture Power	7W	1	0.68	552		
Source Flux	723lm	2	1.37	138		
Fixture Flux	248lm	3	2.05	61		
Efficacy	37lm/W	4	2.73	34		
TS1429	I _{max} =763cd/klm	I _{max}	552cd	5	3.41	22



3000K		H(m)	D(m)	E _{max} (lx)		
Ra90			38°			
Fixture Power	7W	1	0.68	577		
Source Flux	756lm	2	1.37	144		
Fixture Flux	259lm	3	2.05	64		
Efficacy	39lm/W	4	2.73	36		
TS1429	I _{max} =763cd/klm	I _{max}	577cd	5	3.41	23



4000K		H(m)	D(m)	E _{max} (lx)		
Ra90			38°			
Fixture Power	7W	1	0.68	595		
Source Flux	779lm	2	1.37	149		
Fixture Flux	267lm	3	2.05	66		
Efficacy	40lm/W	4	2.73	37		
TS1429	I _{max} =763cd/klm	I _{max}	595cd	5	3.41	24