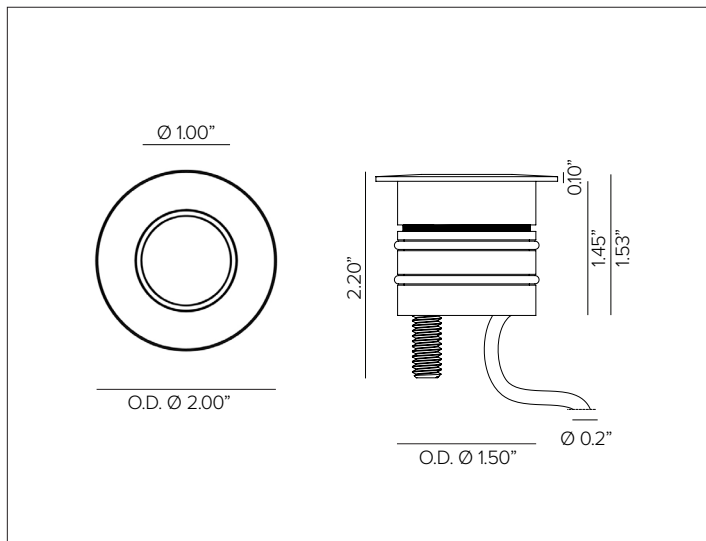


JUPITER MINI

Professional Compact Inground LED Fixture



JUPITER MINI shown in brushed natural finish.



CONCEPT

Miniature recessed LED fixture.

MECHANICAL CHARACTERISTICS

Housing	2.00" Dia. X 1.50" H
Materials	Milled anodized aluminum marine grade cathaphoresis ^A body with Passive cooling system. AISI316L stainless steel trim ring with beveled edge and extra clear glass lens.
Finish	<input type="radio"/> Brushed Natural <input type="radio"/> Bronze PVD* <input type="radio"/> 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	0.33lbs
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 cathaphoresis 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.

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	Remote Class 2 120V-277V AC power supply required, see available options.
Wattage	3W
Voltage	24V DC

SOURCE

High efficiency LED Chip on Board.

TM30	CCT (Nominal)	CRI	Rf	Rg	SDCM
	2700K	80	85	99	2
	3000K	80	83	98	2
	3500K	80	85	99	2
	4000K	80	85	95	2

Ra90 available upon request

OPTIC

Precision optic system with PMMA lenses for the spot, flood and wide flood versions with a light cut system integrated into the front glass.

Beam	SP 19°	FL 24°	MWFL 32°	
Delivered Lumens	2700K	149Lm	146Lm	137Lm
<i>Data represents max output version only, refer to photometry section for all fixture variations.</i>	3000K	161Lm	152Lm	147m
	4000K	161Lm	157Lm	147Lm
	<i>For 3500K lumen values use multiplier of 1.015 from 3000K.</i>			
Efficacy	60Lm/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 MINI

SPECIFICATION INFORMATION



Ex: JMRSPL22724SSLV / DMLE301242UD / 1US3176S

1 - PRODUCT CODE	2 - DRIVER	3 - OPTIC	4 - WATTAGE	5 - KELVIN	6 - VOLTAGE	7 - TRIM	8 - OPTICAL ACCESSORY
JM — JUPITER MINI	R — Remote Driver	SP — SP FL — FL MF — MWFL DV — Direct View	L2 — 3W	27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K	24 — 24V DC	SS — Natural BZ — Bronze BK — Black	— — No Accessory LV ^{c, d} — Honeycomb Louver AS ^{c, d} — Asymmetric Louver
9 - POWER SUPPLY	10 - INSTALLATION	11 - INSTALLATION ACCESSORIES					
Power Supply See section for details	2" Installation Sleeve 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.

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

FINISHES



OPTIC VERSIONS

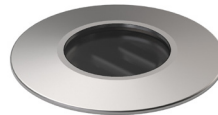
NO OPTIC ACCESSORY



INTEGRAL HONEYCOMB LOUVER



INTEGRAL ASYMMETRIC LOUVER



DIRECT VIEW



JUPITER MINI

9 - 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	1%	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	10%	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	1%	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	10%	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	1%	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	10%	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	1%	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	1%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81"	EMCOD MLE-UD electronic driver with wiring compartment.

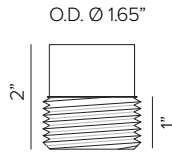
STANDALONE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Standalone)	Description
DELV30124D	30W	0-10V	10%	IP65	120-277V / 24V	UR Class 2	7.5" X 2.4" X 1.4"	Magnitude SOLIDrive electronic standalone driver. UL listed enclosure provided by others.
DELV60124D	60W	0-10V	10%	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	10%	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	2X96W	3X96W
3W	8	16	25	25+25	25+25+25

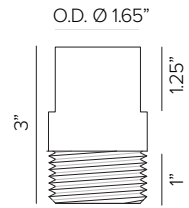
JUPITER MINI

10 – INSTALLATION (REQUIRED)



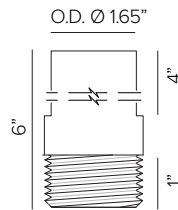
2" installation sleeve. Tube with threaded bottom end for height adjustment up to 3/4" for precision mounting.

Part No. **1US3176S**



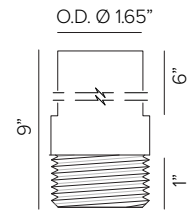
3" installation sleeve. Tube with threaded bottom end for height adjustment up to 3/4" for precision mounting. 2" field cut allowance.

Part No. **1US3176M**



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.

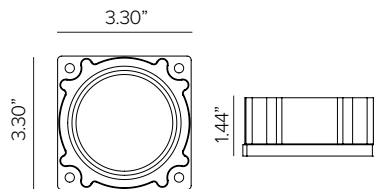
Part No. **1US3176L**



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.

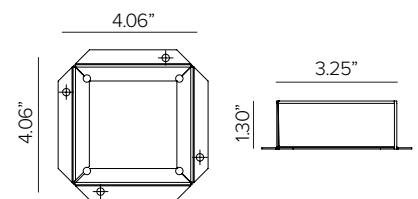
Part No. **1US3176X**

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. **1US3176HB**



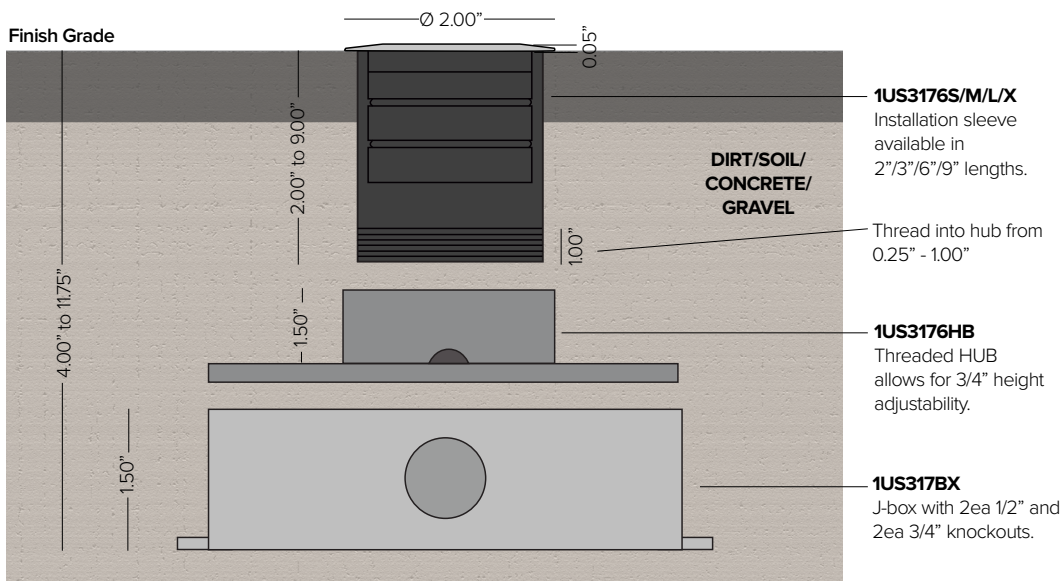
3-1/2" x 3-4/4" installation J-box. Aluminum with 2ea 1/2" and 2ea 3/4" knockouts. Optional for use with HUB only.

Part No. **1US317BX**

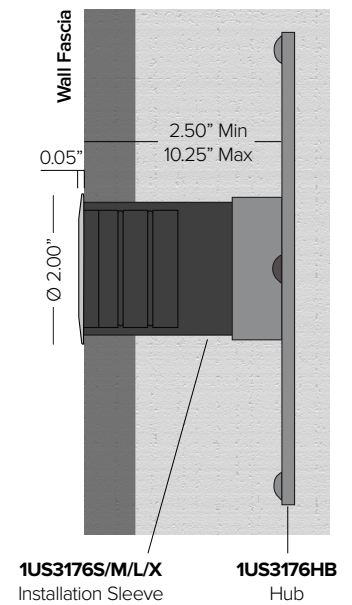
JUPITER MINI

INSTALLATION DIAGRAMS

In-Ground Mounting



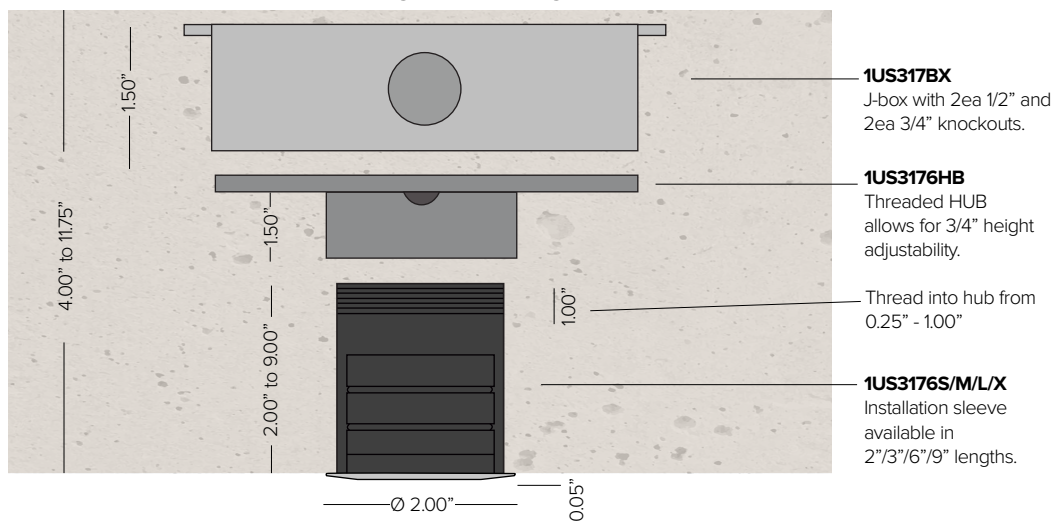
Surface Wall Mount



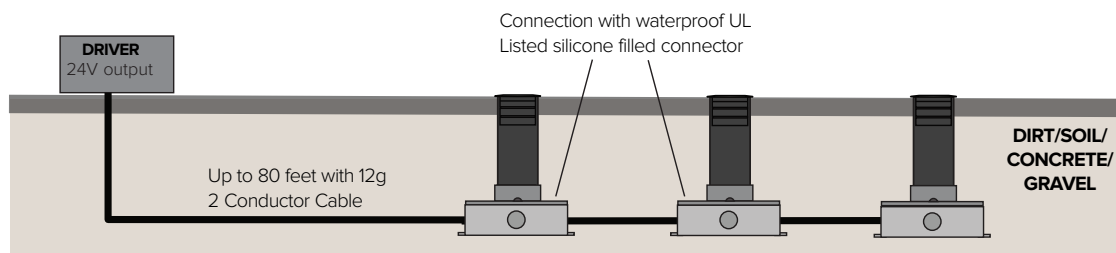
Overall Heights

- 2" Installation Sleeve = 4.00" Min to 4.75" Max
- 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

Downlight Mounting



WIRING DIAGRAM



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

JUPITER MINI

PHOTOMETRY

SPOT



2700K		H(m)	D(m)	Emax(lx)		
Ra80			19°			
Fixture Power	3W	1	0.33	998		
Source Flux	251lm	2	0.65	250		
Fixture Flux	149lm	3	0.98	111		
Efficacy	55lm/W	4	1.31	62		
TS1888	Imax=3977cd/klm	Imax	998cd	5	1.63	40

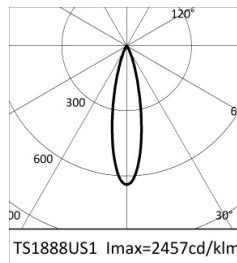


3000K		H(m)	D(m)	Emax(lx)		
Ra80			19°			
Fixture Power	3W	1	0.33	1074		
Source Flux	270lm	2	0.65	268		
Fixture Flux	161lm	3	0.98	119		
Efficacy	60lm/W	4	1.31	67		
TS1888	Imax=3977cd/klm	Imax	1074cd	5	1.63	43



4000K		H(m)	D(m)	Emax(lx)		
Ra80			19°			
Fixture Power	3W	1	0.33	1074		
Source Flux	270lm	2	0.65	268		
Fixture Flux	161lm	3	0.98	119		
Efficacy	60lm/W	4	1.31	67		
TS1888	Imax=3977cd/klm	Imax	1074cd	5	1.63	43

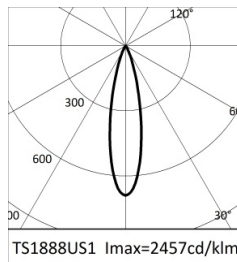
FLOOD



2700K		H(m)	D(m)	Emax(lx)		
Ra80			24°			
Fixture Power	3W	1	0.42	639		
Source Flux	260lm	2	0.85	160		
Fixture Flux	146lm	3	1.27	71		
Efficacy	54lm/W	4	1.69	40		
TS1888US1	Imax=2457cd/klm	Imax	639cd	5	2.11	26

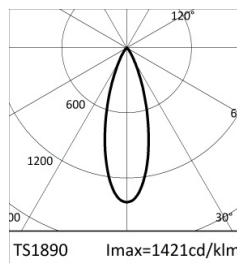


3000K		H(m)	D(m)	Emax(lx)		
Ra80			24°			
Fixture Power	3W	1	0.42	663		
Source Flux	270lm	2	0.85	166		
Fixture Flux	151lm	3	1.27	74		
Efficacy	56lm/W	4	1.69	41		
TS1888US1	Imax=2457cd/klm	Imax	663cd	5	2.11	27

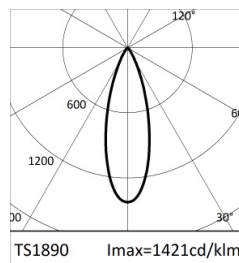


4000K		H(m)	D(m)	Emax(lx)		
Ra80			24°			
Fixture Power	3W	1	0.42	688		
Source Flux	280lm	2	0.85	172		
Fixture Flux	157lm	3	1.27	76		
Efficacy	58lm/W	4	1.69	43		
TS1888US1	Imax=2457cd/klm	Imax	688cd	5	2.11	28

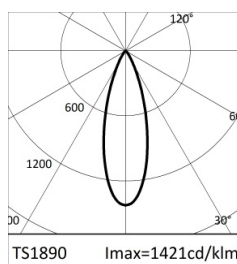
MEDIUM WIDE FLOOD



2700K		H(m)	D(m)	Emax(lx)		
Ra80			32°			
Fixture Power	3W	1	0.57	357		
Source Flux	251lm	2	1.15	89		
Fixture Flux	137lm	3	1.72	40		
Efficacy	51lm/W	4	2.30	22		
TS1890	Imax=1421cd/klm	Imax	357cd	5	2.87	14



3000K		H(m)	D(m)	Emax(lx)		
Ra80			32°			
Fixture Power	3W	1	0.57	384		
Source Flux	270lm	2	1.15	96		
Fixture Flux	147lm	3	1.72	43		
Efficacy	55lm/W	4	2.30	24		
TS1890	Imax=1421cd/klm	Imax	384cd	5	2.87	15



4000K		H(m)	D(m)	Emax(lx)		
Ra80			32°			
Fixture Power	3W	1	0.57	384		
Source Flux	270lm	2	1.15	96		
Fixture Flux	147lm	3	1.72	43		
Efficacy	55lm/W	4	2.30	24		
TS1890	Imax=1421cd/klm	Imax	384cd	5	2.87	15

JUPITER MINI

PHOTOMETRY

SPOT ASYMMETRIC LOUVER

		2700K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
		Ra80		18°	18°		
	Fixture Power	3W	1	0.36	0.33	136	
	Source Flux	251lm	2	0.72	0.66	34	
	Fixture Flux	30lm	3	1.09	0.99	15	
	Efficacy	11lm/W	4	1.45	1.32	9	
	TS1894	I _{max} =651cd/klm	I _{max}	163cd	5	1.81	1.65

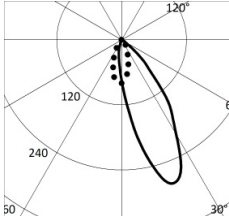
		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
		Ra80		18°	18°		
	Fixture Power	3W	1	0.36	0.33	146	
	Source Flux	270lm	2	0.72	0.66	37	
	Fixture Flux	32lm	3	1.09	0.99	16	
	Efficacy	12lm/W	4	1.45	1.32	9	
	TS1894	I _{max} =651cd/klm	I _{max}	176cd	5	1.81	1.65

		4000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
		Ra80		18°	18°		
	Fixture Power	3W	1	0.36	0.33	146	
	Source Flux	270lm	2	0.72	0.66	37	
	Fixture Flux	32lm	3	1.09	0.99	16	
	Efficacy	12lm/W	4	1.45	1.32	9	
	TS1894	I _{max} =651cd/klm	I _{max}	176cd	5	1.81	1.65

MEDIUM WIDE FLOOD ASYMMETRIC LOUVER

		2700K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
		Ra80		31°	32°		
	Fixture Power	3W	1	0.65	0.60	60	
	Source Flux	251lm	2	1.29	1.21	15	
	Fixture Flux	27lm	3	1.94	1.81	7	
	Efficacy	10lm/W	4	2.59	2.41	4	
	TS1896	I _{max} =281cd/klm	I _{max}	70cd	5	3.23	3.01

		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
		Ra80		31°	32°		
	Fixture Power	3W	1	0.65	0.60	64	
	Source Flux	270lm	2	1.29	1.21	16	
	Fixture Flux	29lm	3	1.94	1.81	7	
	Efficacy	11lm/W	4	2.59	2.41	4	
	TS1896	I _{max} =281cd/klm	I _{max}	76cd	5	3.23	3.01

		4000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
		Ra80		31°	32°		
	Fixture Power	3W	1	0.65	0.60	64	
	Source Flux	270lm	2	1.29	1.21	16	
	Fixture Flux	29lm	3	1.94	1.81	7	
	Efficacy	11lm/W	4	2.59	2.41	4	
	TS1896	I _{max} =281cd/klm	I _{max}	76cd	5	3.23	3.01

JUPITER MINI

PHOTOMETRY

SPOT HONEYCOMB LOUVER

	2700K	H(m)	D(m)	Emax(lx)		
	Ra80		17°			
	Fixture Power	3W	1	0.29	827	
	Source Flux	251lm	2	0.58	207	
	Fixture Flux	95lm	3	0.88	92	
	Efficacy	35lm/W	4	1.17	52	
	TS1891	I _{max} =3296cd/klm	I _{max}	827cd	5	1.46

	3000K	H(m)	D(m)	Emax(lx)		
	Ra80		17°			
	Fixture Power	3W	1	0.29	890	
	Source Flux	270lm	2	0.58	222	
	Fixture Flux	103lm	3	0.88	99	
	Efficacy	38lm/W	4	1.17	56	
	TS1891	I _{max} =3296cd/klm	I _{max}	890cd	5	1.46

	4000K	H(m)	D(m)	Emax(lx)		
	Ra80		17°			
	Fixture Power	3W	1	0.29	890	
	Source Flux	270lm	2	0.58	222	
	Fixture Flux	103lm	3	0.88	99	
	Efficacy	38lm/W	4	1.17	56	
	TS1891	I _{max} =3296cd/klm	I _{max}	890cd	5	1.46

MEDIUM WIDE FLOOD HONEYCOMB LOUVER

	2700K	H(m)	D(m)	Emax(lx)		
	Ra80		25°			
	Fixture Power	3W	1	0.44	320	
	Source Flux	251lm	2	0.88	80	
	Fixture Flux	76lm	3	1.32	36	
	Efficacy	28lm/W	4	1.75	20	
	TS1893	I _{max} =1273cd/klm	I _{max}	320cd	5	2.19

	3000K	H(m)	D(m)	Emax(lx)		
	Ra80		25°			
	Fixture Power	3W	1	0.44	344	
	Source Flux	270lm	2	0.88	86	
	Fixture Flux	82lm	3	1.32	38	
	Efficacy	30lm/W	4	1.75	21	
	TS1893	I _{max} =1273cd/klm	I _{max}	344cd	5	2.19

	4000K	H(m)	D(m)	Emax(lx)		
	Ra80		25°			
	Fixture Power	3W	1	0.44	344	
	Source Flux	270lm	2	0.88	86	
	Fixture Flux	82lm	3	1.32	38	
	Efficacy	30lm/W	4	1.75	21	
	TS1893	I _{max} =1273cd/klm	I _{max}	344cd	5	2.19