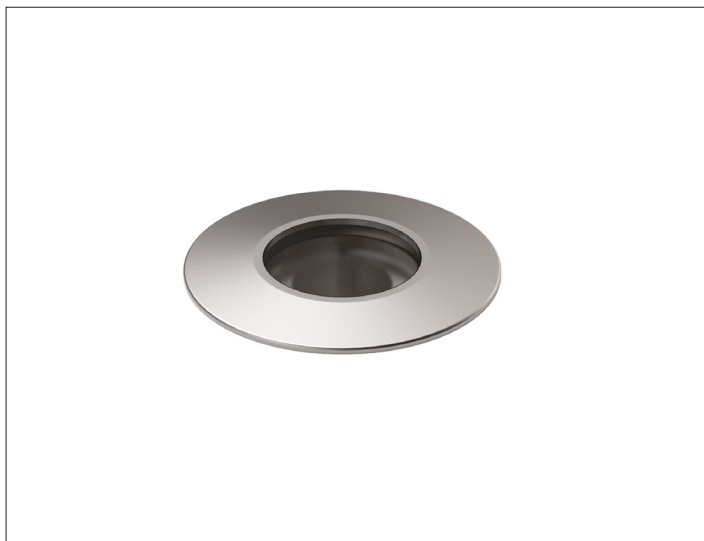
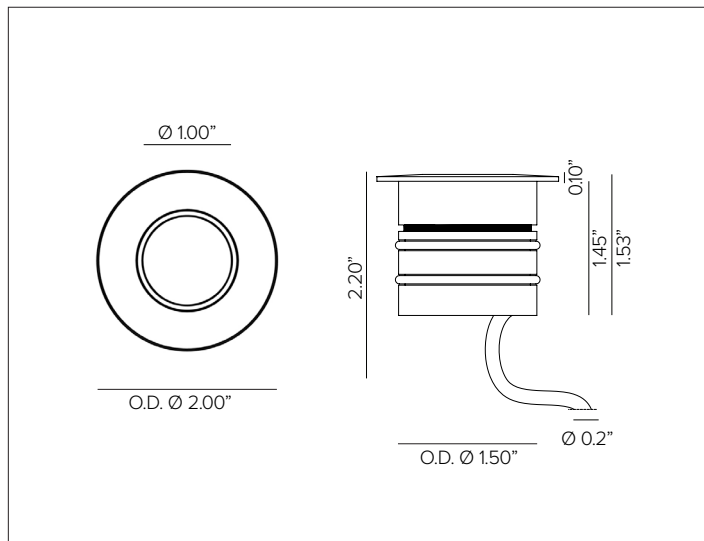


JUPITER MINI

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 cataphoresis ^A body with Passive cooling system. AISI316L stainless steel trim ring with beveled edge and 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 | 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 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.

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 |
| 3000K | 161Lm | 152Lm | 147m |
| 4000K | 161Lm | 157Lm | 147Lm |

Data represents max output version only, refer to photometry section for all fixture variations.
For 3500K lumen values use multiplier of 1.015 from 3000K.

| | |
|---------------------------------------|--------------------------------------------------------------|
| 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

| JM | R | | | | | | | | | | |
|-----------------------------------------------|---|---|---|---|---|---|----------|----------|----|----------|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| Ex: JMRSPL22724SSLV / DMLE301242UD / 1US3176S | | | | | | | OPTIONAL | REQUIRED | | OPTIONAL | |

| 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

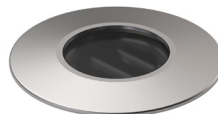
NO OPTIC ACCESSORY



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. |

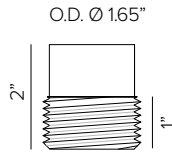
| STANDALONE | | | | | | | | |
|-------------------|---------|---------|-----------|--------|------------------|---------------|-------------------------|--------------------------------------------------------------------------------------------------|
| Part No. | Wattage | Control | Dim Range | Rating | 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+25+25 |

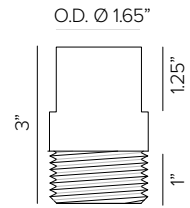
JUPITER MINI

10 – INSTALLATION (REQUIRED)



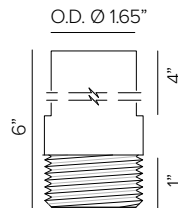
2" installation sleeve. Tube with threaded bottom end for height adjustment up to 3/4" for precision mounting.

Part No. **1US3176S**



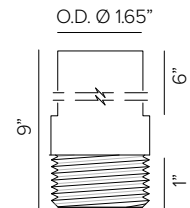
3" installation sleeve. Tube with threaded bottom end for height adjustment up to 3/4" for precision mounting. 2" field cut allowance.

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.

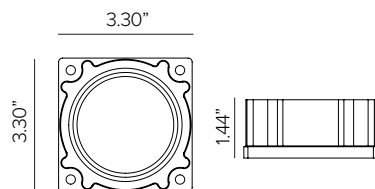
Part No. **1US3176L**



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.

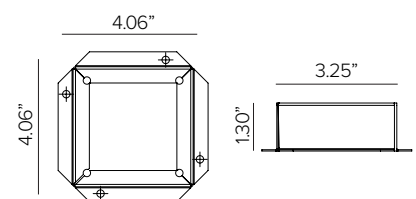
Part No. **1US3176X**

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**



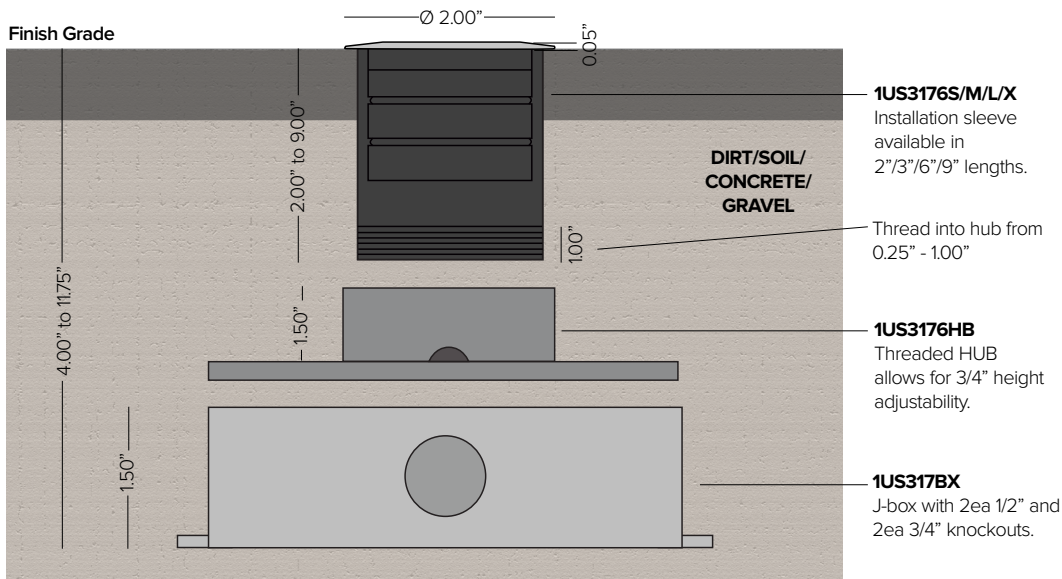
3-1/2" x 3-4/4" installation J-box. Aluminum with 2ea 1/2" and 2ea 3/4" knockouts. Optional for use with HUB only.

Part No. **1US3176X**

JUPITER MINI

INSTALLATION DIAGRAMS

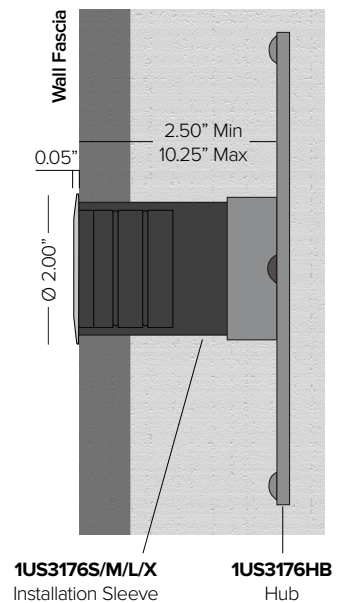
In-Ground Mounting



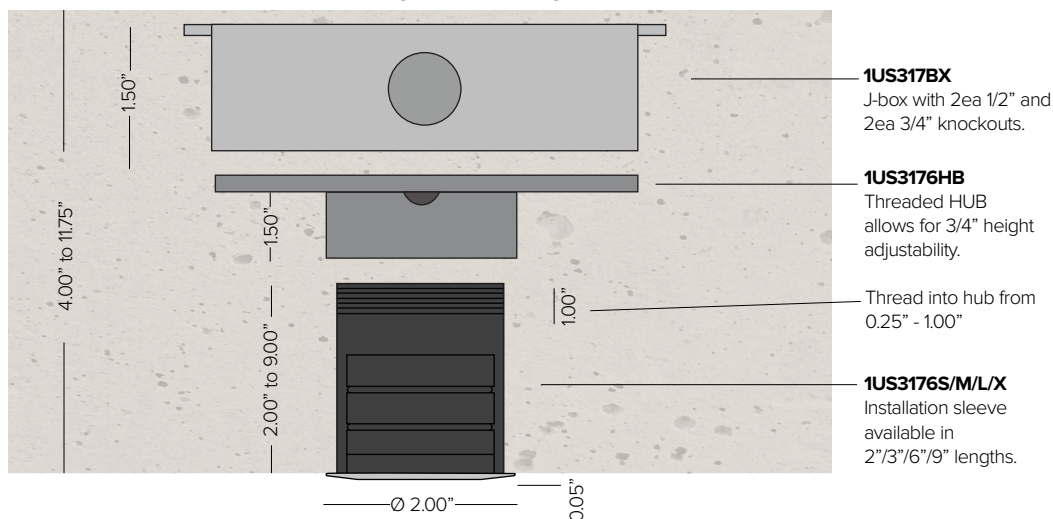
Overall Heights

| | |
|-------------------------------------------------|---------------------------------------------------|
| 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 |

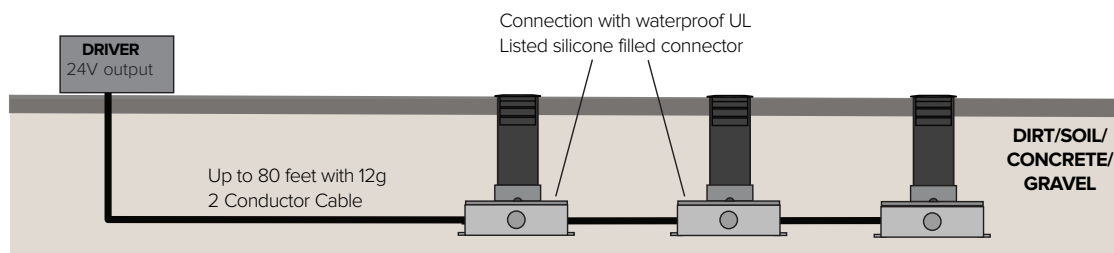
Surface Wall Mount



Downlight Mounting



WIRING DIAGRAM

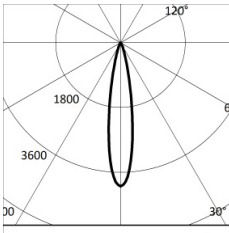


NOTE: Low voltage outdoor landscape wiring to be installed by a certified electrician per local building requirements, max 4A 96W circuit.

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 I _{max} =3977cd/klm | I _{max} 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 I _{max} =3977cd/klm | I _{max} 1074cd | 5 | 1.63 43 |

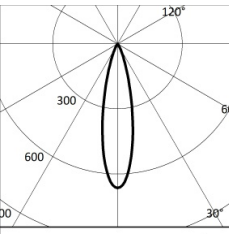


| 4000K | H(m) | D(m) | Emax(lx) |
|-------------------------------------|-------------------------|------|----------|
| Ra80 | | 19° | |
| Fixture Power 3W | 1 | 0.33 | 1074 |
| Source Flux 270lm | 2 | 0.65 | 268 |
| Fixture Flux 161lm | 3 | 0.98 | 119 |
| Efficacy 60lm/W | 4 | 1.31 | 67 |
| TS1888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

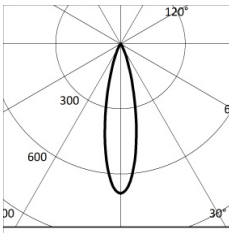
FLOOD



| 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 I _{max} =2457cd/klm | I _{max} 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 I _{max} =2457cd/klm | I _{max} 663cd | 5 | 2.11 27 |

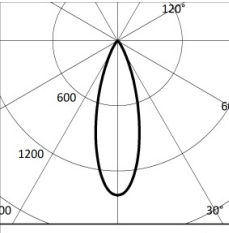


| 4000K | H(m) | D(m) | Emax(lx) |
|----------------------------------------|------------------------|------|----------|
| Ra80 | | 24° | |
| Fixture Power 3W | 1 | 0.42 | 688 |
| Source Flux 280lm | 2 | 0.85 | 172 |
| Fixture Flux 157lm | 3 | 1.27 | 76 |
| Efficacy 58lm/W | 4 | 1.69 | 43 |
| TS1888US1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

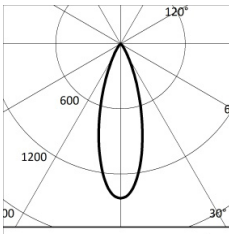
MEDIUM WIDE FLOOD



| 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 I _{max} =1421cd/klm | I _{max} 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 I _{max} =1421cd/klm | I _{max} 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 I _{max} =1421cd/klm | I _{max} 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 5 |

| | 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 6 |

| | 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 6 |

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 2 |

| | 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 3 |

| | 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 3 |

JUPITER MINI

PHOTOMETRY

SPOT HONEYCOMB LOUVER

| | 2700K | H(m) | D(m) | Emax(lx) |
|--|---------------|-----------------|------|----------|
| | Ra80 | | 17° | |
| | Fixture Power | 3W | 1 | 0.29 |
| | Source Flux | 251lm | 2 | 0.58 |
| | Fixture Flux | 95lm | 3 | 0.88 |
| | Efficacy | 35lm/W | 4 | 1.17 |
| | TS1891 | Imax=3296cd/klm | Imax | 827cd |
| | | | 5 | 1.46 |

| | 3000K | H(m) | D(m) | Emax(lx) |
|--|---------------|-----------------|------|----------|
| | Ra80 | | 17° | |
| | Fixture Power | 3W | 1 | 0.29 |
| | Source Flux | 270lm | 2 | 0.58 |
| | Fixture Flux | 103lm | 3 | 0.88 |
| | Efficacy | 38lm/W | 4 | 1.17 |
| | TS1891 | Imax=3296cd/klm | Imax | 890cd |
| | | | 5 | 1.46 |

| | 4000K | H(m) | D(m) | Emax(lx) |
|--|---------------|-----------------|------|----------|
| | Ra80 | | 17° | |
| | Fixture Power | 3W | 1 | 0.29 |
| | Source Flux | 270lm | 2 | 0.58 |
| | Fixture Flux | 103lm | 3 | 0.88 |
| | Efficacy | 38lm/W | 4 | 1.17 |
| | TS1891 | Imax=3296cd/klm | Imax | 890cd |
| | | | 5 | 1.46 |

FLOOD HONEYCOMB LOUVER

| | 2700K | H(m) | D(m) | Emax(lx) |
|--|---------------|-----------------|------|----------|
| | Ra80 | | 25° | |
| | Fixture Power | 3W | 1 | 0.44 |
| | Source Flux | 251lm | 2 | 0.88 |
| | Fixture Flux | 76lm | 3 | 1.32 |
| | Efficacy | 28lm/W | 4 | 1.75 |
| | TS1893 | Imax=1273cd/klm | Imax | 320cd |
| | | | 5 | 2.19 |

| | 3000K | H(m) | D(m) | Emax(lx) |
|--|---------------|-----------------|------|----------|
| | Ra80 | | 25° | |
| | Fixture Power | 3W | 1 | 0.44 |
| | Source Flux | 270lm | 2 | 0.88 |
| | Fixture Flux | 82lm | 3 | 1.32 |
| | Efficacy | 30lm/W | 4 | 1.75 |
| | TS1893 | Imax=1273cd/klm | Imax | 344cd |
| | | | 5 | 2.19 |

| | 4000K | H(m) | D(m) | Emax(lx) |
|--|---------------|-----------------|------|----------|
| | Ra80 | | 25° | |
| | Fixture Power | 3W | 1 | 0.44 |
| | Source Flux | 270lm | 2 | 0.88 |
| | Fixture Flux | 82lm | 3 | 1.32 |
| | Efficacy | 30lm/W | 4 | 1.75 |
| | TS1893 | Imax=1273cd/klm | Imax | 344cd |
| | | | 5 | 2.19 |