




Reef is a range of short bollards with radial lighting emission obtained with a specific conical reflector. Perfect to illuminate with grazing lighting effects walking areas of residential, parks and public spaces, are available in three dimensions. The polycarbonate diffuser ensures a high impact resistance.

| | |
|-----------------------------------|--|
| Luminaire characteristics: | Power input: 9.8W to 36W Lumens: 197lm to 2 101lm (for 3000K, 90CRI) Luminaire efficacy: Up to 64lm/W |
| Source: | LED module (LM-80 tested) 2700K: 90CRI, 3000K: 90CRI, 4000K: 80CRI. |
| Lumen maintenance: | 80% of initial lumens at 70 000 hours (L80)(LM80). |
| Optics: | 2 x 90° / 180° / 360° |
| Material: | Body: Die-cast aluminum Lens: Clear polycarbonate Reflector: Aluminized polycarbonate Hardware: Stainless steel screws. |
| Mounting: | Installs on a standard 4" junction box or with flange or stake accessories for ground installation. |
| Electrical: | High efficiency electronic LED driver, rated at 50 000 hours, 120-277V. |
| Dimming: | 0-10V down to 10% (120-277V) |
| Finish: | Aluminum gray or anthracite gray (RAL7022) painted finish, following a double powder paint in 3 step process: surface treatment containing ceramic nano particles (Bonderite). Epoxy primer paint. Polyester powder paint with high resistance against UV rays and harsh weather conditions. |
| Weight: | Microreef 2.2lb (1kg) Minireef 5.8lb (2.6kg) Reef 11.91lb (5.5kg) |
| Warranty: | 5 year limited warranty. |
| Ratings: | IP65, IK10 |
| Certification: |  cULus listed for wet location |

ORDERING INFO

- UNV - - D10
FIXTURE



MODEL

MICROREEF

S5311- 360° **S5320**- 2x 90° **S5330**- 180° **S5370**- 360°grid

MINIREEF

S5210- 360° **S5223**- 2x 90° **S5233**- 180° **S5213**- 360°grid

REEF

S5217- 360° **S5227**- 2x 90° **S5237**- 180° **S5277**- 360°grid

LED

H - 2700K, 90CRI **W** - 3000K, 90CRI **N** - 4000K, 80CRI

VOLTAGE

UNV - 120-277V

FINISH

14 - Aluminum gray **24** - Anthracite gray

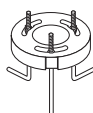
DIMMING

D10 - 0-10V

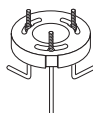
ACCESSORIES

(TO BE ORDERED SEPARATELY)

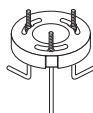
S5301-14 - Fixing plate for Microreef with anchor bolts
Ø5¹/₈" (130mm) x h: 6¹/₈" (155mm)



S5200-14 - Fixing plate for Minireef with anchor bolts
Ø7¹/₂" (190mm) x h: 8⁷/₈" (225mm)



S5203-14 - Fixing plate for Reef with anchor bolts
Ø9⁷/₈" (250mm) x h: 8⁷/₈" (225mm)



S3524 - Black stake for Microreef
H: 10⁵/₈" (270mm)
(The upper 3¹/₂"(90mm) must stay out of the ground)



S3554 - Black stake for Minireef and reef
H: 16¹/₂" (420mm)
(The upper 3¹/₂"(90mm) must stay out of the ground)



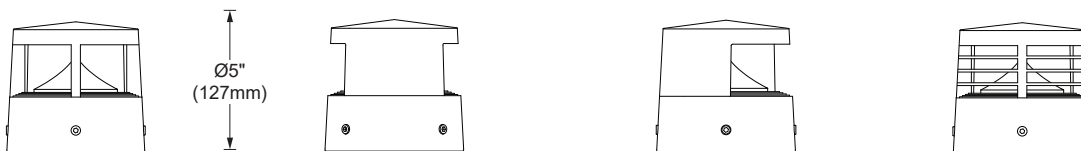
DIMENSIONS

MICROREEF

S5311 / S5320 / S5330 / S5370



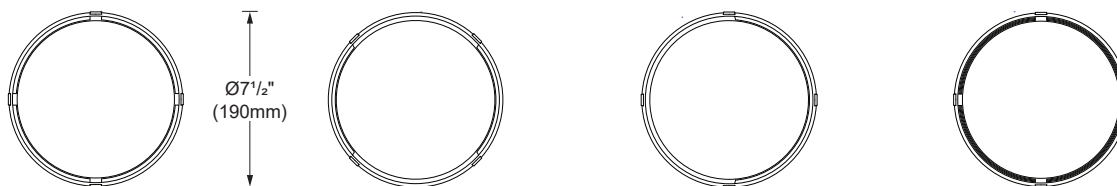
TOP VIEW



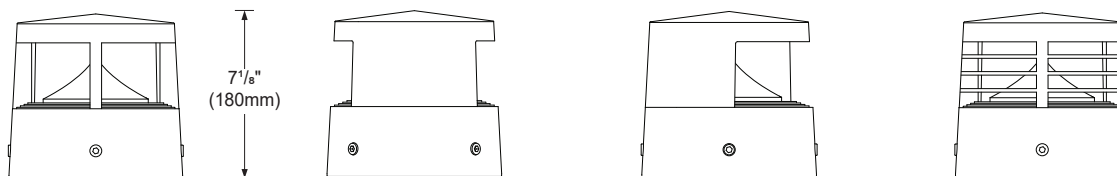
TOP VIEW

MINIREEF

S5210 / S5223 / S5233 / S5213



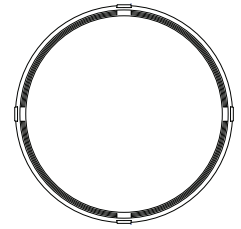
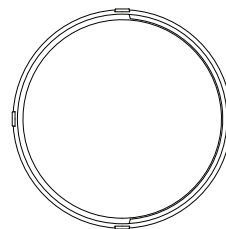
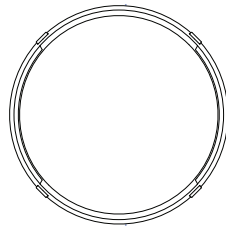
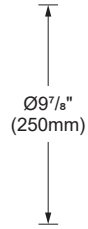
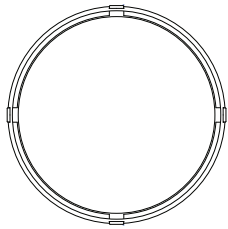
TOP VIEW



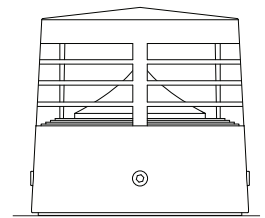
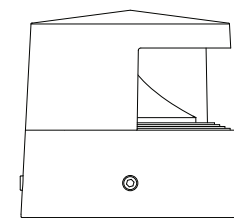
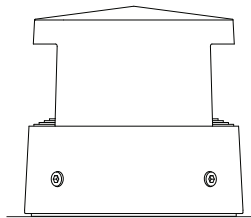
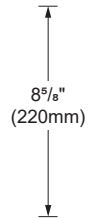
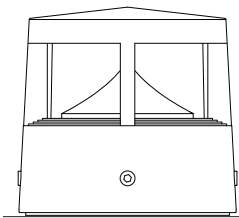
SIDE VIEW

DIMENSIONS

REEF
S5217 / S5227 / S5237 / S5277



TOP VIEW



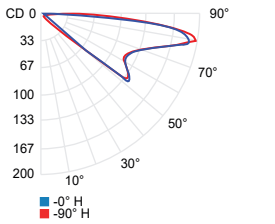
SIDE VIEW

PHOTOMETRIC DATA

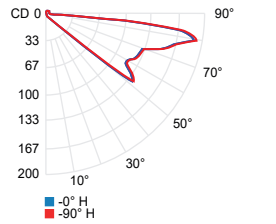
Visit sistimalux.com for complete photometric data.

| CCT (K) | CRI | LOAD (W) | OPTIC | LUMENS (lm) | EFFICACY (lm / W) | MAX CANDELA (cd) | MODELS |
|---------|-----|----------|----------------|-------------|-------------------|------------------|--------|
| 3000K | 90 | 9.8W | 360° beam | 461 | 47 | 193 | S5311W |
| | | | 2x 90° beam | 239 | 24 | 190 | S5320W |
| | | | 180° beam | 252 | 25 | 220 | S5330W |
| | | | 360° grid beam | 197 | 20 | 141 | S5370W |

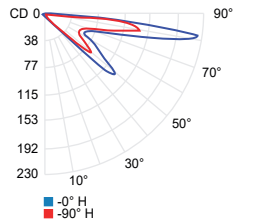
360° beam (3000K, 90CRI)



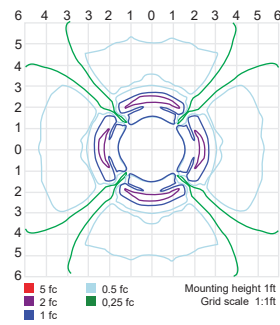
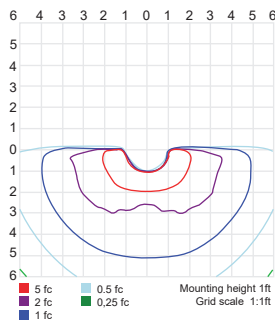
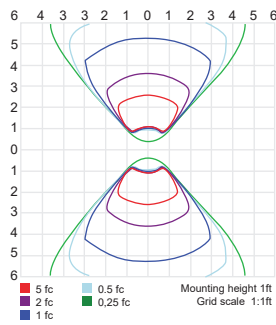
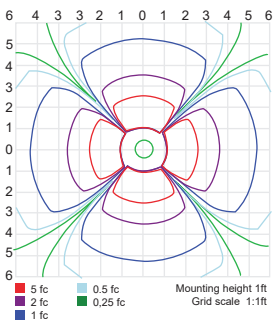
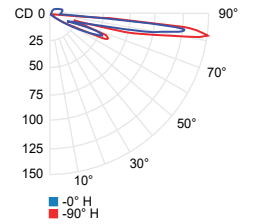
2x90° beam (3000K, 90CRI)



180° beam (3000K, 90CRI)



360° grid beam (3000K, 90CRI)



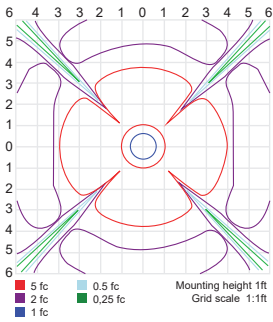
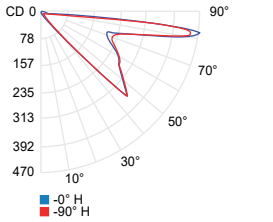
| | | | |
|-------------------|-------------|----------|-------------|
| CCT options | 2700K | 3000K | 4000K |
| CRI options | 90CRI | 90CRI | 80CRI |
| Multiplier | 0.94 | 1 | 1.26 |

PHOTOMETRIC DATA

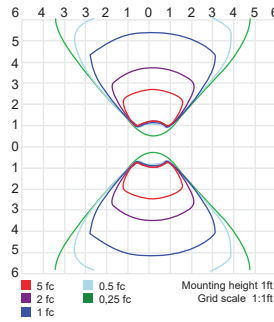
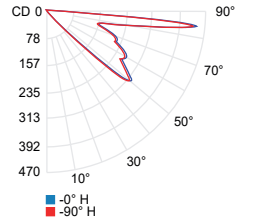
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| CCT (K) | CRI | LOAD (W) | OPTIC | LUMENS (lm) | EFFICACY (lm / W) | MAX CANDELA (cd) | MODELS |
|---------|-----|----------|----------------|-------------|-------------------|------------------|--------|
| 3000K | 90 | 16.8W | 360° beam | 1090 | 64 | 466 | S5210W |
| | | | 2x90° beam | 538 | 37 | 463 | S5223W |
| | | | 180° beam | 638 | 27 | 531 | S5233W |
| | | | 360° grid beam | 470 | 32 | 281 | S5213W |

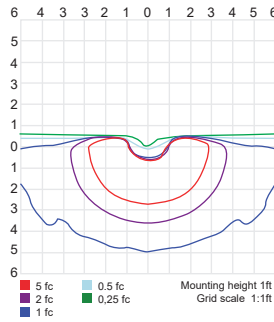
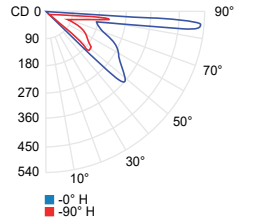
360° beam (3000K, 90CRI)



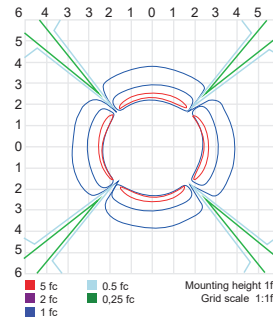
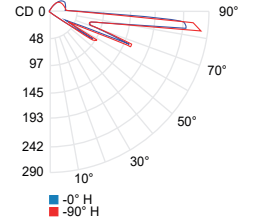
2x90° beam (3000K, 90CRI)



180° beam (3000K, 90CRI)



360° grid beam (3000K, 90CRI)



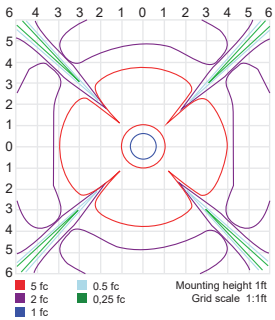
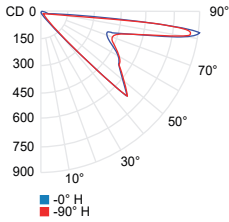
| | | | |
|-------------------|-------------|----------|-------------|
| CCT options | 2700K | 3000K | 4000K |
| CRI options | 90CRI | 90CRI | 80CRI |
| Multiplier | 0.94 | 1 | 1.26 |

PHOTOMETRIC DATA

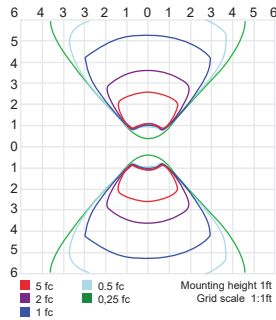
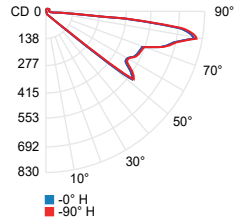
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| CCT (K) | CRI | LOAD (W) | OPTIC | LUMENS (lm) | EFFICACY (lm / W) | MAX CANDELA (cd) | MODELS |
|---------|-----|----------|----------------|-------------|-------------------|------------------|--------|
| 3000K | 90 | 36W | 360° beam | 2 101 | 58 | 890 | S5217W |
| | | | 2x 90° beam | 927 | 35 | 826 | S5227W |
| | | | 180° beam | 1117 | 31 | 821 | S5237W |
| | | | 360° grid beam | 809 | 22 | 534 | S5277W |

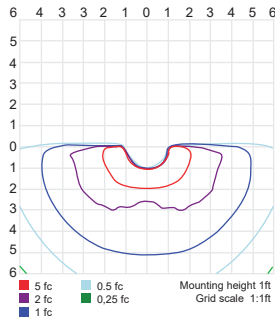
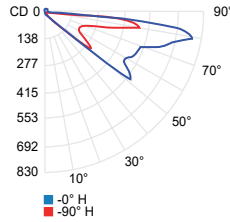
360° beam (3000K, 90CRI)



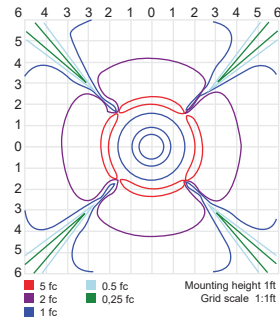
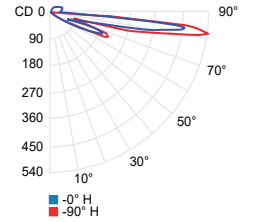
2x90° beam (3000K, 90CRI)



180° beam (3000K, 90CRI)



360° grid beam (3000K, 90CRI)



| | | | |
|-------------------|-------------|----------|-------------|
| CCT options | 2700K | 3000K | 4000K |
| CRI options | 90CRI | 90CRI | 80CRI |
| Multiplier | 0.94 | 1 | 1.26 |