

DESCRIPTION

Sanibel 301 is a small, line voltage dimmable LED and halogen MR16 luminaire with integral 12V step-down transformer. It features a fully adjustable side swivel stem and built-in adjustable shroud to control glare. Side swivel provides 340° tilt and 360° rotation. Various lenses, louvers and color or dichroic filters can be combined - up to three at once - to create multiple lighting effects.

| Catalog # | Type |
|-------------|------|
| Project | |
| Comments | Date |
| Prepared by | |

SPECIFICATION FEATURES

A ... Material

Hood and mounting stem are precision-machined from corrosion-resistant 6061-T6 aluminum billet. Housing is spun from corrosion-resistant silicone aluminum alloy.

B ... Finish

Fixtures are double protected by an ROHS compliant chemical film undercoating and polyester powdercoat paint finish, surpassing the rigorous demands of the outdoor environment. A variety of standard colors are available.

C ... Hood

Adjustable hood provides glare control and is removable for easy relamping. Hood accepts up to three internal accessories at once (lenses, louvers, filters) to achieve multiple lighting effects. Flush lens prevents water and mineral stains from collecting on the lens, even in the straight-up position.

D ... Gasket

Housing and hood are sealed with a high temperature silicone o-ring gasket to prevent water intrusion.

E ... Lens

Tempered glass lens, factory sealed with high temperature adhesive to prevent water intrusion and breakage due to thermal shock.

F ... Mounting Stem

Adjustable side-mounted swivel stem provides 340° tilt and 360° rotation for easy aiming. Equipped with standard 1/2" NPS threaded male fitting. Stainless steel aim-locking mechanisms are standard.

G ... Hardware

Stainless steel hardware is standard to provide maximum corrosion-resistance.

H ... Socket

Ceramic socket with 250° C Teflon® coated lead wires and GU5.3 bi-pin base.

I ... Electrical

Integral 50 VA class "H" 120/12V, 220/12V, 230/12V, 240/12V or 277/12V step-down dimmable core & coil transformer is standard.

J ... Lamp

Halogen lamp not included. Available from Lumière as an accessory - see reverse side of this page. LED modules are included and are available in four color temperatures (2700, 3000, 4000, and 5700) and three distributions (spot, narrow, and flood). Both color temperature and distribution must be specified when ordering - see reverse side for details and catalog logic.

K ... Labels & Approvals

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

L ... Warranty

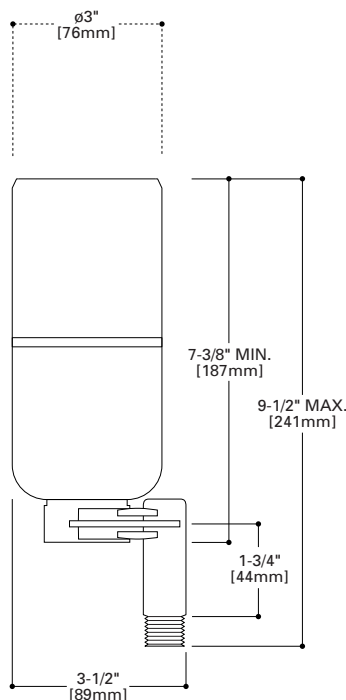
Lumière warrants its fixtures against defects in materials & workmanship for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.



SANIBEL 301

**10W LED
6W LED
50W (max.) MR16**
Halogen
Line Voltage

Accent/Flood



Sanibel 301

ORDERING INFORMATION

Sample Number: 301-10LED3012-120/12-BK-F70

Series**301**=LED or MR16 Sanibel Accent Fixture w/Adjustable Shroud and Integral Transformer**Source**

50MR16: 50W Max Halogen MR16, GU5.3 Base
6LED2712: 6W 2700K, 12 Degree Spot, GU5.3 Base
6LED2741: 6W 2700K, 41 Degree Wide, GU5.3 Base
6LED3012: 6W 3000K, 12 Degree Spot, GU5.3 Base
6LED3021: 6W 3000K, 21 Degree Narrow, GU5.3 Base
6LED3041: 6W 3000K, 41 Degree Wide, GU5.3 Base
6LED4012: 6W 4000K, 12 Degree Spot, GU5.3 Base
6LED4021: 6W 4000K, 21 Degree Narrow, GU5.3 Base
6LED4041: 6W 4000K, 41 Degree Wide, GU5.3 Base
6LED5712: 6W 5700K, 12 Degree Spot, GU6.3 Base
6LED5721: 6W 5700K, 21 Degree Narrow, GU5.3 Base
6LED5741: 6W 5700K, 41 Degree Wide, GU5.3 Base
10LED2712: 10W 2700K, 12 Degree Spot, GU5.3 Base
10LED2721: 10W 2700K, 21 Degree Narrow, GU5.3 Base
10LED2741: 10W 2700K, 41 Degree Wide, GU5.3 Base
10LED3012: 10W 3000K, 12 Degree Spot, GU5.3 Base
10LED3021: 10W 3000K, 21 Degree Narrow, GU5.3 Base
10LED3041: 10W 3000K, 41 Degree Wide, GU5.3 Base
10LED4012: 10W 4000K, 12 Degree Spot, GU5.3 Base
10LED4021: 10W 4000K, 21 Degree Narrow, GU5.3 Base
10LED4041: 10W 4000K, 41 Degree Wide, GU5.3 Base
10LED5712: 10W 5700K, 12 Degree Spot, GU5.3 Base
10LED5721: 10W 5700K, 21 Degree Narrow, GU5.3 Base
10LED5741: 10W 5700K, 41 Degree Wide, GU5.3 Base

Voltage

120/12=120V to 12V Integral Transformer
220/12=220V to 12V Integral Transformer
230/12=230V to 12V Integral Transformer
240/12=240V to 12V Integral Transformer
277/12=277V to 12V Integral Transformer

Finish**Painted**

BK: Black
BZ: Bronze
CS: City Silver
VE: Verde
WT: White

Accessories**Filters**

F71=Peach Dichroic Filter, 2.00" Dia
F73=Green Dichroic Filter, 2.00" Dia
F75=Yellow Dichroic Filter, 2.00" Dia
F77: Dark Blue Dichroic Filter, 2.00" Dia
F79: Neutral Density Dichroic Filter, 2.00" Dia
F22: Red Color Filter, 2.00" Dia
F44: Green Color Filter, 2.00" Dia
F66: Mercury Vapor Color Filter, 2.00" Dia

Optical Lenses

LSL: Linear Spread Lens (elongate standard beam spread), 2.00" Dia
DIF: Diffused Lens (provide even illumination), 2.00" Dia

Optical Louver**LVR**= Hex Cell Louver (reduce glare), 2.00" Dia**Lamps**

EZX: 20W MR16 GU5.3 Bi-Pin Very Narrow Spot
BAB: 20W MR16 GU5.3 Bi-Pin Flood
FRA: 35W MR16 GU5.3 Bi-Pin Spot
EXT: 50W MR16 GU5.3 Bi-Pin Narrow Spot
EXN=50W MR16 GU5.3 Bi-Pin Flood





F72=Amber Dichroic Filter, 2.00" Dia
F74=Medium Blue Dichroic Filter, 2.00" Dia
F76=Red Dichroic Filter, 2.00" Dia
F78: Light Blue Dichroic Filter, 2.00" Dia
F80: Magenta Dichroic Filter, 2.00" Dia
F33: Blue Color Filter, 2.00" Dia
F55: Yellow Color Filter, 2.00" Dia

OSL: Overall Spread Lens (increase beam spread), 2.00" Dia

ESX: 20W MR16 GU5.3 Bi-Pin Narrow Spot
FRB: 35W MR16 GU5.3 Bi-Pin Narrow Spot
FMW: 35W MR16 GU5.3 Bi-Pin Flood
EXZ: 50W MR16 GU5.3 Bi-Pin Narrow Flood
FNW=50W MR16 GU5.3 Bi-Pin Very Wide Flood

- Notes:**
- * Lamp not included in MR16 version.
 - * Includes 12V integral transformer.
 - * See ACCESSORIES & TECHNICAL DATA section of the Lumière catalog for Mounting Accessories.
 - * Consult your Cooper Lighting representative for additional options and finishes.

PHOTOMETRIC DATA

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|---|---|---------------------------|---------------|
| Sanibel 301 Lamp=50MR16/NSP (EXT) CBCP=11,000 | Cone of Light | | |
| | Distance to Illuminated Plane | Initial Nadir Footcandles | Beam Diameter |
| | 15'0" | 45 | 4'0" |
| | 10'0" | 102 | 3'0" |
| | 8'0" | 159 | 2'0" |
| | 6'0" | 283 | 1'6" |
| | 4'0" | 638 | 1'0" |
| Sanibel 301 Lamp=50MR16/FL (EXN) CBCP=2000 | 2'0" | 2550 | 0'6" |
| | Lamp Wattage Multiplier 20W x 0.32 | | |
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| Sanibel 301 Lamp=50MR16/NFL (EXZ) CBCP=3200 | Cone of Light | | |
| | Distance to Illuminated Plane | Initial Nadir Footcandles | Beam Diameter |
| | 15'0" | 13 | 10'0" |
| | 10'0" | 29 | 6'6" |
| | 8'0" | 45 | 5'0" |
| | 6'0" | 81 | 4'0" |
| | 4'0" | 181 | 2'6" |
| Sanibel 301 Lamp=50MR16/WFL (FNV) CBCP=1200 | 2'0" | 725 | 1'0" |
| | Lamp Wattage Multiplier 42W x 0.72 | | |
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| Sanibel 301 Lamp=50MR16/FL (EXN) CBCP=2000 | Cone of Light | | |
| | Distance to Illuminated Plane | Initial Nadir Footcandles | Beam Diameter |
| | 15'0" | 7 | 12'0" |
| | 10'0" | 17 | 8'0" |
| | 8'0" | 27 | 6'6" |
| | 6'0" | 48 | 5'0" |
| | 4'0" | 106 | 3'0" |
| Sanibel 301 Lamp=50MR16/WFL (FNV) CBCP=1200 | 2'0" | 431 | 1'6" |
| | Lamp Wattage Multiplier 20W x 0.30 35W x 0.57 | | |
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| Sanibel 301 Lamp=50MR16/WFL (FNV) CBCP=1200 | Cone of Light | | |
| | Distance to Illuminated Plane | Initial Nadir Footcandles | Beam Diameter |
| | 15'0" | 5 | 17'0" |
| | 10'0" | 11 | 11'6" |
| | 8'0" | 17 | 9'0" |
| | 6'0" | 30 | 7'0" |
| | 4'0" | 67 | 4'6" |
| Sanibel 301 Lamp=50MR16/WFL (FNV) CBCP=1200 | 2'0" | 269 | 2'0" |
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NOTES AND FORMULAS

- Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
- Footcandle values are initial. Apply appropriate light loss factors where necessary.