

# EVOKE 2.9" INSULATED CEILING SQUARE DOWNLIGHT TRIMLESS

E2.9SICATTL/  
E2.9SDTL  
MR16

## APPLICATION:

Residential accent and general lighting

## HOUSING CONSTRUCTION:

0.050 aluminum and 20 ga. steel housing  
Powder coat matte black  
Formed aperture plate with 1/2" lip  
Cast aluminum plaster ring with perforated flange  
Adjustable mounting bars for (wood) joist construction  
Thermally protected  
GX5.3 Bi-Pin base

## OPTICS:

Spun aluminum lamp ring, snaps in/out for relamping, accepts up to two accessories  
Silk screened fixture positions provide exact setting for downlight, adjustable or wall wash reflector trims  
Solite lens (standard)

## LAMPING:

MR16 halogen, 50w max., 12v.

## REFLECTOR CONSTRUCTION:

Die-cast aluminum seamless self-flanged trim  
Painted finishes include matte white and optical matte black  
Spring steel mounting clips

## MOUNTING:

For use in sheet rock ceilings  
Max. ceiling thickness - 1"

## LABELING:

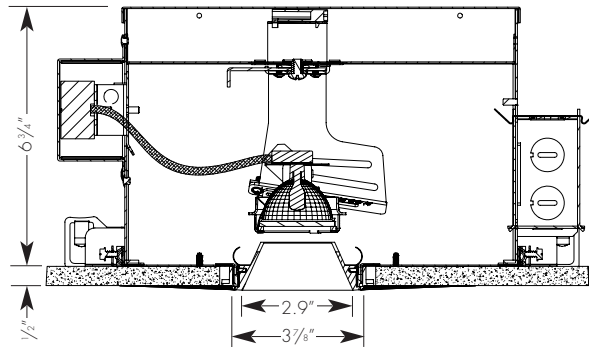
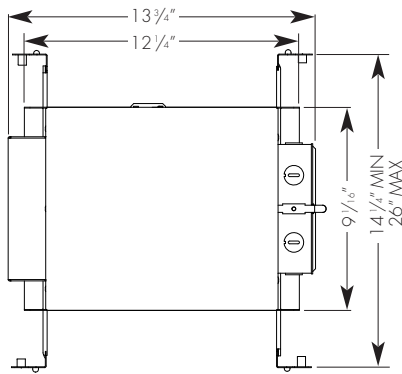
cUL listed  
Damp location  
No through branch wiring for IC at 50w  
Complies with Air Leakage requirements as stated in the Model Energy Code and Washington State Energy Code



PROJECT :

TYPE :

**ECOTEKTURAL**  
Architectural lighting for sustainable design.



Ceiling cut out dimension: 4 1/16" sq.

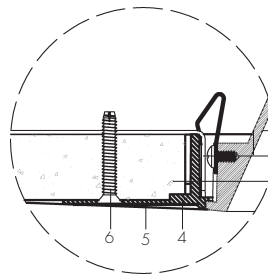
## ELECTRICAL

Transformer	Lamping 50w	
	Input watts	Amps
Electronic 120v	50	.42

MR16 Bi-Pin base, 50w max.

**Electronic transformer compatible w/dimming systems that control electronic transformers**

Amerlux reserves the right to change details that do not affect overall function and performance.



1. Reflector Trim
2. Fixture Housing Aperture Plate
3. Ceiling 5/8" (1" Max.)
4. Cast Aluminum Plaster Frame
5. Plaster Skim Coat (By Others)
6. 6-32 Type F Thread Cutting Screw



## ORDERING INFORMATION:

HOUSING			REFLECTOR		ACCESSORIES
Model #	Lamp Type	Voltage	Model #	Aperture Finish	Ordered Separately
E2.9SICATTL	MR16 (50w max)	120	E2.9SDTL	Reflector MB - matte black MW - matte white	HEX16 - hexcell louver SPR16 - linear spread lens (5"x55")

Complete Unit Specification: E2.9SICATTL-MR16-120/E2.9SDTL-MW  
Housing Only: E2.9SICATTL-MR16-120  
Reflector Only: E2.9SDTL-MW

Cat #:

# EVOKE 2.9" INSULATED CEILING SQUARE DOWNLIGHT TRIMLESS

E2.9SICATTL/  
E2.9SDTL  
MR16



TYPE :

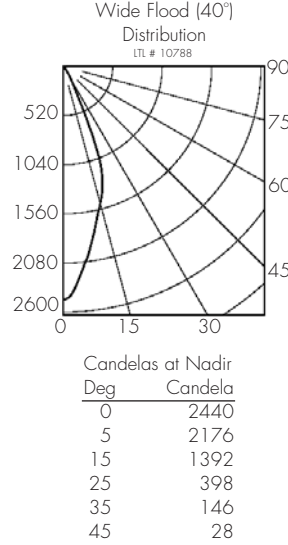
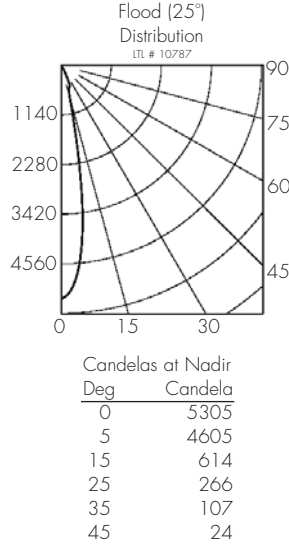
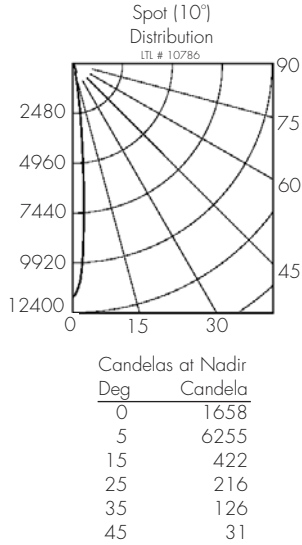
**ecotECTURAL**  
Architectural lighting for sustainable design.



## FIXTURE DATA:

Complete photometric data (.ies format) available upon request.

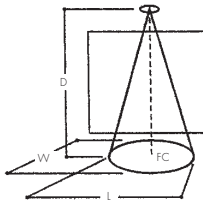
### 50W MR16



## APPLICATION DATA:

### Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).  
 D=Distance to floor or wall.  
 FC=Footcandles on floor or wall at center beam aiming location.  
 L=Effective Visual Beam length in feet (50% of maximum footcandle level).  
 W=Effective Visual Beam width in feet (50% of maximum footcandle level).  
 CB=Distance across or down to center beam location.



	D	FC	L	W
SPOT	5.0'	466	1.1	1.1
	7.5'	207	1.4	1.4
	10.0'	117	1.7	1.8
	12.5'	75	2.3	2.4
FLOOD	5.0'	212	1.4	1.5
	7.5'	94	2.5	2.6
	10.0'	53	3.2	3.3
	12.5'	34	4.0	4.1
WIDE FLOOD	5.0'	98	2.8	2.7
	7.5'	43	4.3	4.1
	10.0'	24	5.8	5.4
	12.5'	16	7.3	6.8