

# Core 3"

## Dim to Warm Wall Wash



Photograph: ©Elliott Kaufman Photography

### Core 3 inch Dim to Warm Wall Wash

Recessed downlights that are economically priced and competitive, Core 3 delivers white light that dims to warm while still achieving price targets for budget conscious projects.

- **Ideal Applications:** Small to Medium-Scaled Spaces
- **Recommended for Ceiling Height:** 8' – 14'
- **Light Type:** White light that dims to warm

#### Round Trimmed



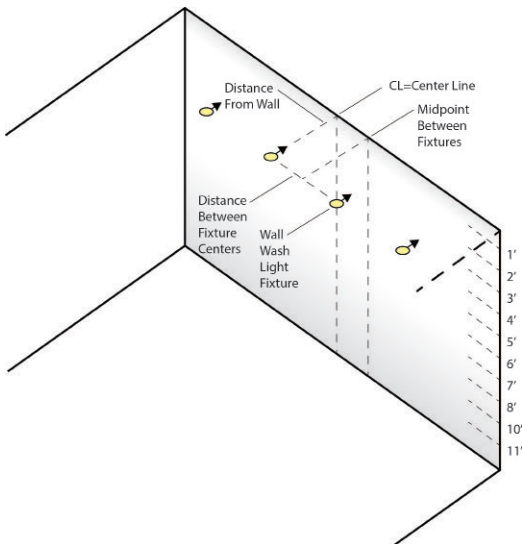
#### Square Trimmed



### 3" WALL WASH PERFORMANCE DATA

Shape	Dim to Warm	
	Round	Square
Delivered Lumens:	625	700
Lumens Per Watt:	45	49
Source Lumens:	1150	
Wattage	15W	
CCT:	3000K	
CRI:	90+	
Beamspread:	Wall Wash Fixed Asymmetric	

### PHOTOMETRIC DATA



Light Levels on Wall												
From Ceiling	2' From Wall				3' From Wall				4' From Wall			
	2' Centers		3' Centers		3' Centers		4' Centers		4' Centers		5' Centers	
	CL	Mid	CL	Mid	CL	Mid	CL	Mid	CL	Mid	CL	Mid
1'	20	19	14	13	7	7	5	5	3	3	3	2
2'	29	29	20	19	13	12	10	9	6	6	5	5
3'	25	25	17	17	14	14	11	10	8	8	6	6
4'	18	18	12	12	12	13	9	10	8	8	7	6
5'	14	14	9	9	10	10	8	8	8	8	6	6
6'	11	11	7	7	8	8	6	6	7	7	5	5
7'	8	8	6	6	7	7	5	5	6	6	5	5
8'	7	7	5	5	6	6	4	4	5	5	4	4
9'	6	6	4	4	5	5	4	4	4	4	3	3
10'	5	5	3	3	4	4	3	3	4	4	3	3
11'	4	4	3	3	4	4	3	3	3	3	3	3
12'	4	4	3	3	3	3	3	3	3	3	2	2
13'	4	4	3	2	3	3	2	2	3	3	2	2
14'	3	3	2	2	2	2	2	2	2	2	2	2

CL= Center Line of Fixture. Mid=Midpoint between two fixtures  
 = maximum Light Level

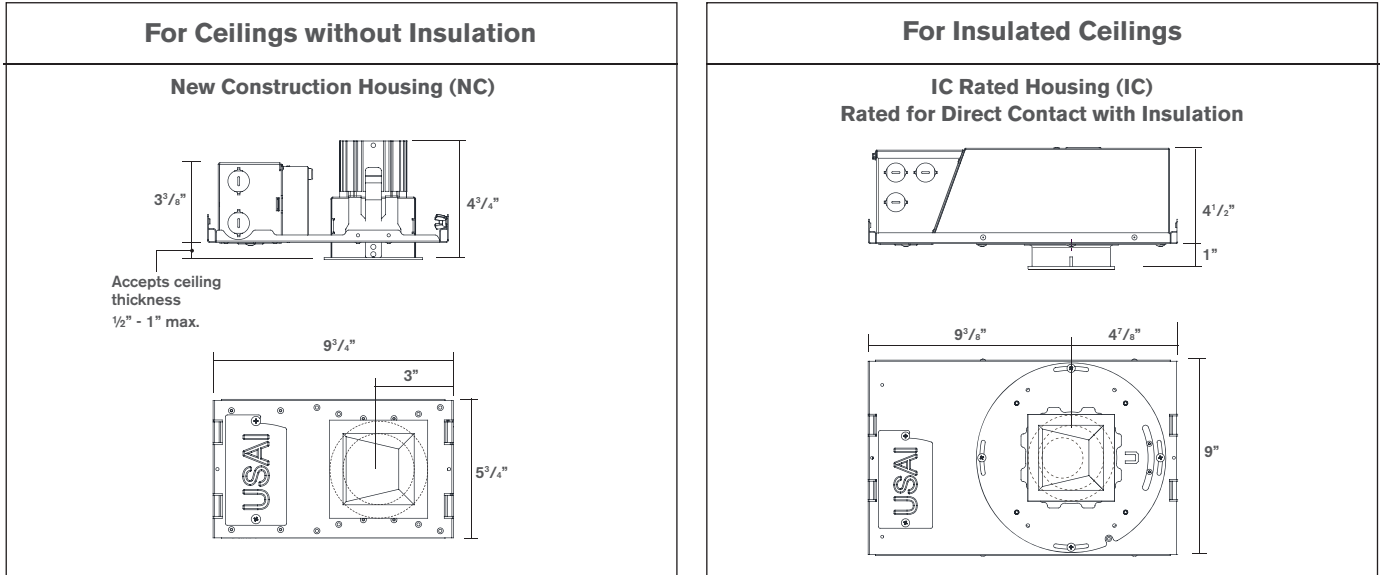
Average light levels are provided in the tables above, for a range of lighting fixture layouts and ceiling heights. All illuminance values are reported in average footcandles (fc) and measured at the wall at heights indicated.

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## Three Easy Steps to Specify

### 1 Select Housing Type



### 2 Select Dimming Control Type - Smooth Dimming to 1% Standard

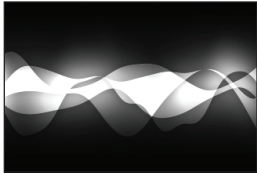
Select any of these dimming driver options for use with Savant Control Systems

**0-10V Low Voltage Dimming (IV15D22)**



Compatible with 0-10V Controls

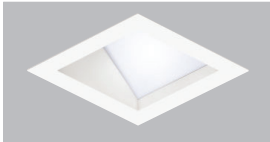
**Phased Line Voltage Dimming (IP15D21)**



Compatible with Forward and Reverse Phase Dimmers

### 3 Select Shape

**Square**



**Round**



Trims are provided with flange and multidiffusion wallwash lens, in white finish

### See Next Page For How to Specify

# Core 3"

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### How to Specify

Manufacturer	Light Fixture Type			LED + Control		Options					Revision
USAI	3CR	W1		D30			F	Y	M	WH	00
USAI	Family	Function	Housing Type	LED Color	Wattage Driver	Shape	Style	Beam Spread	Lens	Finish	Version
USAI Lighting	3CR 3" Core Downlight, 15W	W1 Fixed Asymmetric Downlight	NC New Construction Housing  IC Insulation-Contact Rated Housing / Airtight	D30 Neutral white 3000K Dim to Warm, High 90+ CRI	<b>SAVANT CONTROLS</b>  IP15D21 Integral Phase Dimming Driver, to 1% 120V only, 15W  IV15D22 Integral 0-10V Dimming Driver, to 1% 120V-277V, 15W	R Round  S Square	F Trimmed	Y Wall Wash	M Multi Diffusion	WH White	00

### CORE 3 SPECIFICATIONS

#### FIELD REPLACEABLE LED LIGHT ENGINE

is serviceable through the aperture with a screwdriver. All USAI Lighting light engines feature industry leading color consistency Dim to Warm light engines gradually shift color to an amber 1800K when dimmed.

#### FIELD REPLACEABLE DRIVER

Driver complies with IEEE62.41 surge protection. Multiple dimming driver options are available; some on-time delay may be experienced, depending on control system used.

#### HOUSING

Fabricated of black electrocoated 20 ga. steel with 18 ga. steel thru wire J-box, 4 in 4 out at min. 90°C, #12 AWG thru branch circuit wiring. IC-rated housings are rated for direct contact with insulation.

#### MOUNTING

Adjustable nailer bars with integral nails provided. Nailer bars are extendible from 14" to 24" centers.

#### CEILING CUT OUT

Round: 3-5/8" Ø  
Square: 3-1/2" x 3-1/2"

#### LISTINGS

Dry/Damp/Wet location. NRTL/CSA-US tested to UL standards. IBEW union made. 

#### NOTES

- Not for use in corrosive environment.
- Use of pressure washer voids warranty.

#### PHOTOMETRICS

Consult factory or website for IES files. Tested in accordance with IESNA LM79.