

Recess 4.5"

Color Select Tunable White Wall Wash



Recess 4.5 inch Color Select Tunable White Wall Wash

An elegant solution for a variety of applications. Featuring clean, architectural grade finishes and a smooth transition from cool white light to warm, the Recess 4.5 installs beautifully into all ceiling types, including drywall, stone, and wood and makes every space look its best.

- **Ideal Applications:** Medium to Large-Scaled Spaces
- **Recommended for Ceiling Height:** 14' – 20'
- **Light Type:** Tunable White light from warm candlelight (2200K) to bright daylight (6000K)

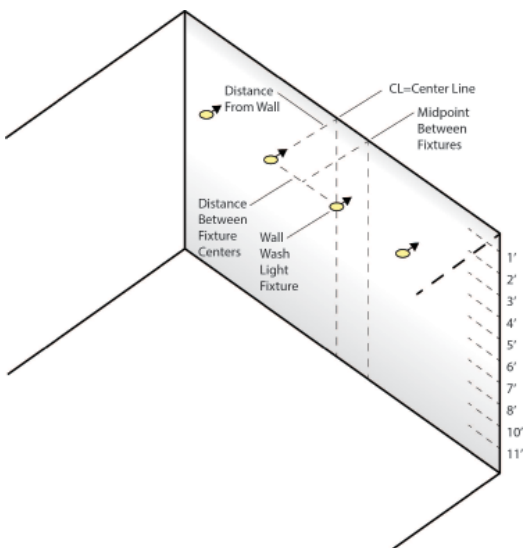
Photograph: Karl Puchlik



Universal and Field Convertible -
Trim | Trimless | Millwork

4.5" WALL WASH PERFORMANCE DATA								Color Select Tunable White	
Color Temperature	2200K	2700K	3000K	3500K	4000K	5000K	6000K		
Delivered Lumens:	1025	1125	1175	1225	1275	1325	1375		
Lumens Per Watt:	34	38	39	41	43	44	46		
Source Lumens:	1800	2000	2075	2150	2250	2350	2450		
Wattage	32W								
CCT:	2200K to 6000K								
CRI:	80+								
Beamspread:	Wall Wash Fixed Asymmetric								

PHOTOMETRIC DATA



Tunable White Wall Wash at 3000K												
Multiple Units Footcandles												
From Ceiling	2' From Wall		3' From Wall				4' From Wall					
	2' Centers	3' Centers	3' Centers	4' Centers	4' Centers	5' Centers	4' Centers	5' Centers	4' Centers	5' Centers		
	CL	Mid	CL	Mid	CL	Mid	CL	Mid	CL	Mid	CL	Mid
1'	40	40	30	26	12	12	10	8	5	5	4	4
2'	55	56	39	38	23	24	19	18	11	11	9	8
3'	41	42	30	30	26	26	20	20	15	15	12	12
4'	30	27	20	20	21	22	17	17	15	15	12	12
5'	17	17	13	14	16	16	13	13	13	13	11	11
6'	11	11	9	10	12	12	10	10	10	11	9	9
7'	8	8	7	7	9	9	7	8	8	9	7	7
8'	6	6	5	5	7	7	6	6	7	7	6	6
9'	4	4	4	4	5	5	5	5	5	6	5	5
10'	3	3	3	3	4	4	4	4	5	5	4	4
11'	3	3	3	3	3	3	3	3	4	4	3	4
12'	2	2	2	2	3	3	3	3	3	3	3	3
13'	2	2	2	2	3	3	2	3	3	3	3	3
14'	2	2	2	2	2	2	2	2	3	3	2	2

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

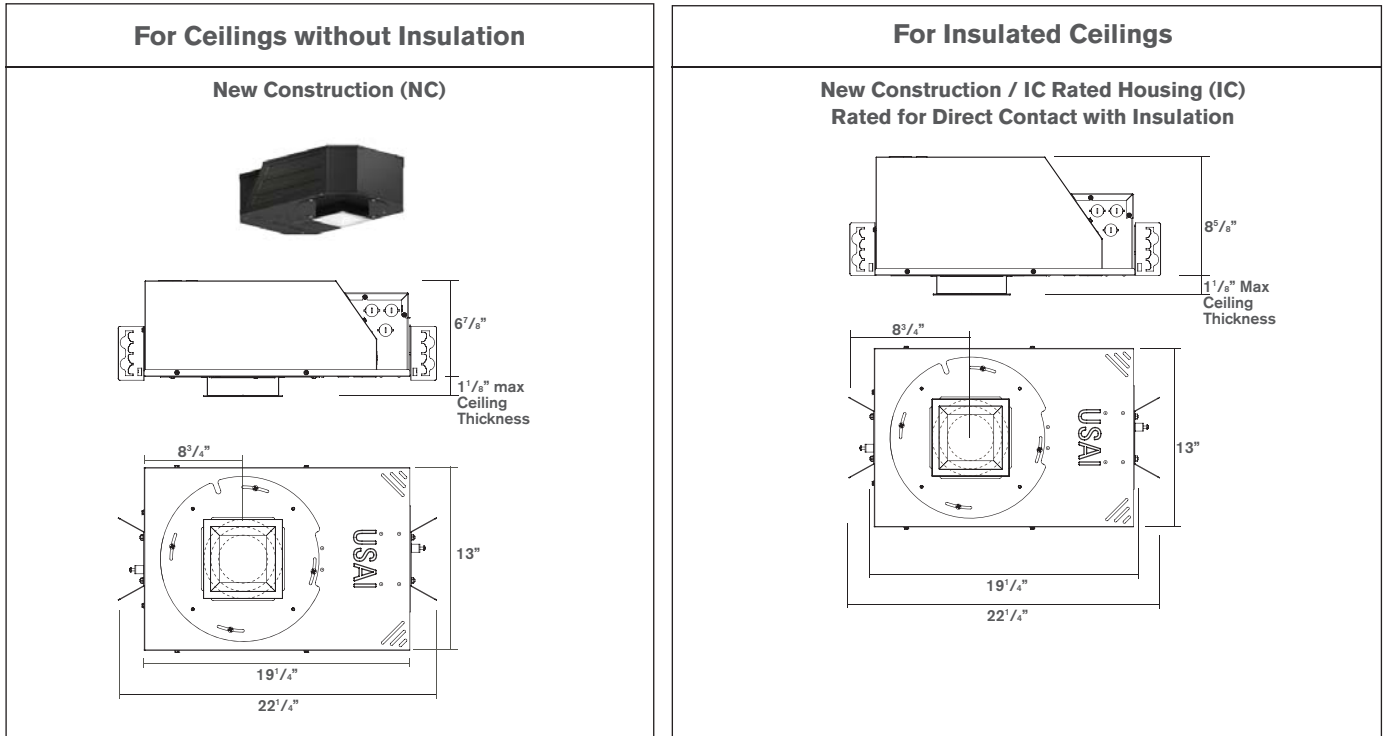
Average light levels are provided in the tables above, for a range of lighting fixture layouts and ceiling heights. All illuminance values are reported in average footcandles (fc) and measured at the wall at heights indicated.

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Four Easy Steps to Specify

1 Select Housing Type



2 Select Shape

Square

Round



3 Select Trim Style For Ceiling Type

Trimmed (F)
for All Ceiling
Types

Trimless (P)
for Sheetrock Ceilings Only
(Must be Spackled In)

Millwork (M)
for Millwork and
Stone Ceilings



4 Select Trim Finish

White (WH)
provided standard

Black (BL)

**Statuary
Bronze (BZ)**

**Metalized
Grey (GR)**

Primer (PR)

**Clear Matte
Anodized (AC)**

**Black
Anodized (AB)**



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How to Specify

Manufacturer	Light Fixture Type			LED + Control		Options				Revision	
USAI	4DL	W1		TW1	IV32A			X	M		00
USAI	Family	Function	Housing Type	LED Color	Wattage Driver	Shape	Style	Beam Spread	Lens	Finish	Version
USAI Lighting	4DL 4.5" Downlight, 32W	W1 Fixed Asymmetric Wall Wash	NC New Construction Housing IC New Construction / IC Rated Housing / Airtight	TW1 Color Select Tunable White from 2200K to 6000K, continuously variable through 0-10V controls by others	IV32A Integral 0-10V Dimming Driver, to 1% 120V-277V, 32W	R Round S Square	F Trimmed P Trimless M Millwork	X Wall Wash	M Multi Diffusion	WH White (provided standard) BL Black BZ Statuary Bronze GR Metalized Grey PR Primer AC Clear Matte Anodized AB Black Anodized	00

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RECESS 4.5 SPECIFICATIONS

FIELD REPLACEABLE LED LIGHT ENGINE

is serviceable through the aperture without tools or with a Philips screwdriver. All USAI Lighting light engines feature industry-leading color consistency.

FIELD REPLACEABLE DRIVER

All integral dimming drivers are located within the fixture housing and are serviceable from below the ceiling through the aperture. Some on-time delay may be experienced depending on control system used. All dimming drivers comply with IEEE C62.41 surge protection.

HOUSING

All Recess 4.5 fixtures are field-flexible which allow for field changes from trimless or millwork to trimmed with a simple components change with parts from USAI. Housings are fabricated of 20 ga. steel construction with thru wire J-box, 4 in 4 out at min. 90°C, #12 AWG thru branch circuit wiring.

ADJUSTMENT

362° horizontal locking in 90° increments.

FIXTURE WEIGHT

NC and IC housings weigh 16 lbs.

CEILING CUT OUT

Trimmed with Overlap Flange Round: 5-1/16" Ø

Trimmed with Overlap Flange Square: 5-1/16" x 5-1/16"

Trimless Spackle-in Round: 5-1/2" Ø

Trimless Spackle-in Square: 5-1/2" x 5-1/2"

Millwork: Knife-edge Round: 4-15/16" Ø

Millwork: Knife-edge Square: 4-15/16" x 4-15/16"

LISTINGS

Dry/Damp/Wet location. AC and AB trim finishes are dry/damp only. UL2043 rated for use in air handling plenums. 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.