

Recess 3" Color Select Tunable White Adjustable



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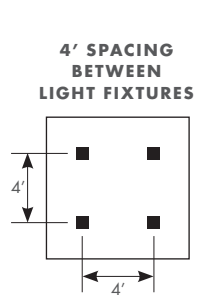
An elegant solution for a variety of applications. Featuring clean, architectural grade finishes and a smooth transition from cool white light to warm, the Recess 3 installs beautifully into all ceiling types, including drywall, stone, and wood and makes every space look its best.

- **Ideal Applications:** Small to Medium-Scaled Spaces
- **Recommended for Ceiling Height:** 8' – 14'
- **Light Type:** Tunable White light from warm candlelight (2200K) to bright daylight (6000K)

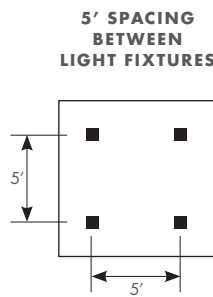


**Universal and Field Convertible -
Trim | Trimless | Millwork**

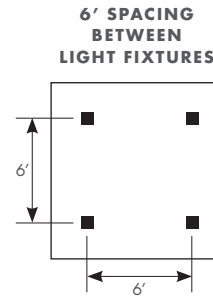
3" DOWNLIGHT PERFORMANCE DATA								Color Select Tunable White
Color Temperature	2200K	2700K	3000K	3500K	4000K	5000K	6000K	
Delivered Lumens:	800	850	875	900	950	975	1000	
Lumens Per Watt:	45	48	50	51	53	55	60	
Source Lumens:	1100	1175	1200	1250	1300	1350	1375	
Wattage	18W							
CCT:	2200K to 6000K							
CRI:	80+							
Beamspread:	30°							
	Narrow Beam / Adjustable							



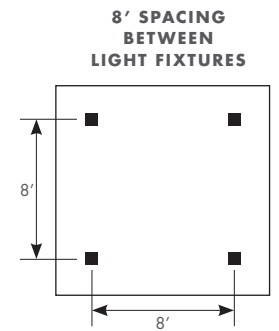
4' x 4' LAYOUT	CEILING HEIGHT			
Light levels at:	8'	10'	12'	14'
Light levels on Work Plane (2.5' AFF):	53	48	43	40
	(fc) foot candles			



5' x 5' LAYOUT	CEILING HEIGHT			
Light levels at:	8'	10'	12'	14'
Light levels on Work Plane (2.5' AFF):	43	38	35	33
	(fc) foot candles			



6' x 6' LAYOUT	CEILING HEIGHT			
Light levels at:	8'	10'	12'	14'
Light levels on Work Plane (2.5' AFF):	27	27	27	26
	(fc) foot candles			



8' x 8' LAYOUT	CEILING HEIGHT			
Light levels at:	8'	10'	12'	14'
Light levels on Work Plane (2.5' AFF):	23	20	17	15
	(fc) foot candles			

Spacing Criteria = 0.60

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 workplane, 30" above the floor.

For approximate light level recommendations, please refer to the IES guidelines shown below:

Workshop / Tools / Crafts: 40-100 fc
Board Games / Cards: 20-40 fc
Dining: 5-10 fc

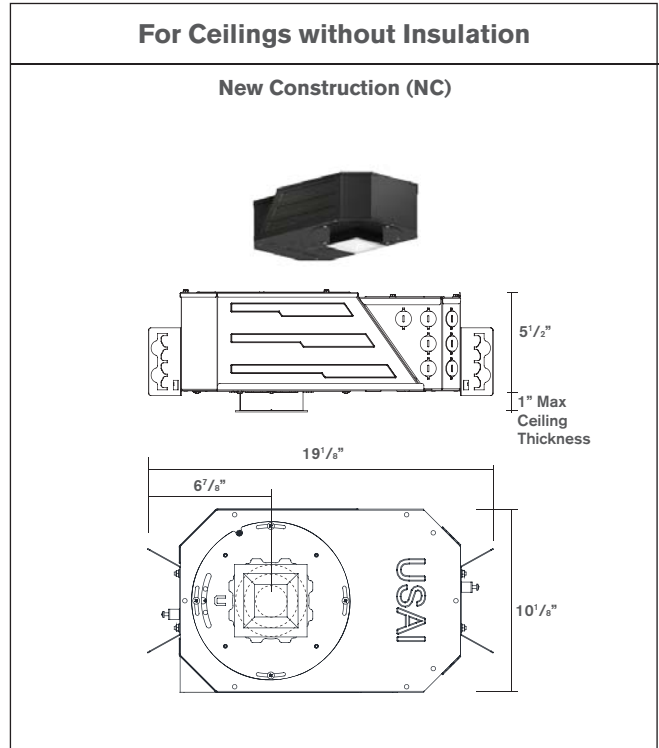
Kitchen: 30-50 fc
Computer: 15-30 fc
Media: 2-20 fc

Reading: 20-50 fc
Dressing: 10-30 fc
Corridors / Circulation: 3-5 fc

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Five 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 Glass Lens

Solite (S)

provided standard)

Light diffusion
with the most
efficiency



Frosted (F)

Medium diffusion
for softer light
output, approximately
12% less light output



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5 **Select Trim Finish**

White (WH) provided standard	Black (BL)	Statuary Bronze (BZ)	Metalized Grey (GR)	Primer (PR)	Clear Matte Anodized (AC)	Black Anodized (AB)

How to Specify

Manufacturer	Light Fixture Type			LED + Control		Options					Revision
USAI	3DL	A1	NC	TW1	IV18A			E			00
USAI	Family	Function	Housing Type	LED Color	Wattage Driver	Shape	Style	Beam Spread	Lens	Finish	Version
USAI Lighting	3DL 3" Downlight, 18W	A1 Adjustable Tilt and Aim Downlight	NC New Construction Housing	TW1 Color Select Tunable White from 2200K to 6000K, continuously variable through 0-10V controls by others	IV18A Integral 0-10V Dimming Driver, to 1% 120V-277V, 18W	R Round S Square	F Trimmed P Trimless M Millwork	E 30° Beam	S Solite Textured Glass (provided standard) F Frosted Glass	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 3 SPECIFICATIONS

FIELD REPLACEABLE LED LIGHT ENGINE

is serviceable through the aperture without tools. All USAI Lighting Color Select light engines feature industry leading color consistency.

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 20 ga. galvanized steel with thru wire J-box, 4 in 4 out at min. 90°C, #12 AWG thru branch circuit wiring. IC-rated housings for use with 14W light engines only are rated for direct contact with insulation of R-42 or less.

MOUNTING:

Butterfly brackets and adjustable nailer bars with integral nails provided. Nailer bars are extendible from 14" to 24" centers.

CEILING CUT OUT:

Round: 3-1/2" Ø

Square: 3-1/2" x 3-1/2"

LISTINGS:

Dry/Damp. Wet location option available with WH, BL, BZ, GR and PR trims only. 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.