



2" LED RECESSED WALL WASH 700 & 1000 LUMEN

2" OPEN WALL WASH
NEW CONSTRUCTION

**IC/TC207LA, IC/TC210LA
with 2009 Trim**

PRODUCT DESCRIPTION

Recessed LED wall wash luminaire with 2" round aperture delivers exceptionally uniform wall wash performance. Fixture has 50° visual cut-off for low aperture brightness. Low profile housing is available in IC rated or non-IC rated configurations.

PRODUCT SPECIFICATIONS

LED Light Engine Consistent fixture to fixture color consistency within a 2-step MacAdam ellipse • 2700K, 3000K, 3500K, or 4000K color temperatures are available with 80 CRI minimum • 2700K and 3000K also available with 90 CRI minimum.

Modular Optics Available with field interchangeable optics in 18° Spot, 24° Narrow Flood, 35° Flood, and 45° wide flood distributions • For best results 24° narrow flood is recommended.

Reflector Patent pending architectural wall wash trim provides superior uniformity • .040" aluminum reflector in painted white, clear specular, black specular, haze, or wheat haze Alzak finish provides a quiet ceiling.

Trims Style Self Flanged and Flush Mount styles are available • Flange is same finish as reflector unless optional painted white flange is specified • For flush mount installations in drywall ceilings, specify the FMA2 adapter • For flush mount installations in solid ceiling materials such as wood, stone, or tile ceilings, no flush mount adapter is required.

LED Driver Choice of two drivers to accommodate voltages from 120-277 volts AC at 50/60Hz • Dedicated 120V (-1) driver is dimmable with most incandescent, magnetic low voltage, and electronic low voltage dimmers • Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers • For a list of compatible dimmers, refer to [ACLXLED2-DIM](#) • Power Factor > 0.9 • Field replaceable from above or below ceiling.

Life Rated for 50,000 hrs at 70% lumen maintenance.

Warranty 5 years from date of purchase on LED components • Standard Juno Lighting Group product guarantee terms and conditions apply.

Codes/Labels UL and cUL listed for damp locations • IC rated new construction fixture meets energy code Air Leakage requirements per ASTM E283 • IC rated new construction luminaire is Chicago Plenum (CCEA) approved • Union made.

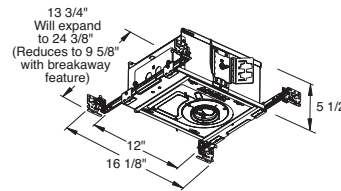
New Construction Mounting Features patented (US Patent 8,038,113) Pro-VI™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings • IC rated new construction luminaire also features vertically adjustable mounting brackets (butterfly brackets) • Centerline indicators on plaster frame and patented (US Patent 8,277,090) Tru-Line™ Platform featuring +/- 1/2" translation aids fixture alignment after installation, prior to drywall.

Wiring IC housing includes (2) 1/2" knockouts in access plate, and is compatible with rigid conduit and flexible supply • Non-IC housings include (2) 1/2" knockouts with pryout slots in junction box and are compatible with flexible electrical supply only • All housings supplied with quick connect electrical connectors.

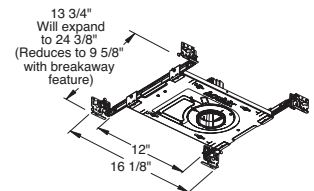
Ceiling Thickness 1/2" - 3/4" ceiling standard • For thicker ceilings, order CTA2-120 (.75"-1.20") or CTA2-150 (1.20"-1.50").

Type	Cat. No.
_____	_____
Project:	_____
Notes:	_____

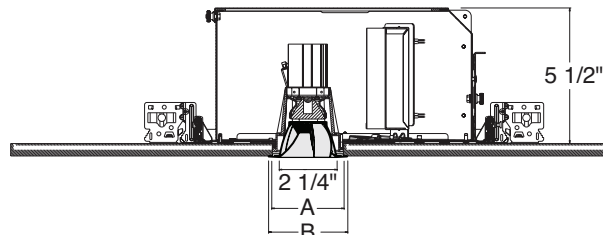
DIMENSIONS



IC207LA, IC210LA



TC207LA, TC210LA



Trim Style	Cutout Size (A)	Trim O.D. (B)
Self Flanged Trims	2-7/8"	3.20"
Flush Mount Trims (Solid Ceiling)	2-7/8"	2.875"
Flush Mount Trims (Drywall Ceiling)	3"	2.875"

Note: An accurate hole saw is recommended for best results.

ELECTRICAL DATA

Lumen Package	700			1000		
	Dedicated 120V (-1)	Universal Voltage (-U)	277	Dedicated 120V (-1)	Universal Voltage (-U)	277
Voltage	120	120	277	120	120	277
Input Power	10.1	9.6	9.6	14.8	14.8	14.6
Input Current	0.09	0.08	0.04	0.12	0.12	0.06
Frequency	50/60Hz	50/60Hz		50/60Hz	50/60Hz	
Power Factor	0.99	0.99	0.93	0.99	0.99	0.95

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Ordering Information Housing, trim and accessories each ordered separately

Example: **TC207LD-830-N-1**

Series	CRI/CCT	Optic	Driver
IC207LA 700 lm Adjustable, IC rated	827 80 CRI, 2700K	S 18° Spot	I 120V, Phase Dimming
TC207LA 700 lm Adjustable, Non-IC	830 80 CRI, 3000K	N 24° Narrow Flood (recommended)	U 120-277V, 0-10V Dimming
IC210LA 1000 lm Adjustable, IC rated	835 80 CRI, 3500K	F 35° Flood	
TC210LA 1000 lm Adjustable, Non-IC	840 80 CRI, 4000K	W 45° Wide Flood	
	927 90 CRI, 2700K		
	930 90 CRI, 3000K		

Example: **2009C-SF**

Trim/Description		
		
Self Flanged ¹	Flush Mount ²	Description
2009C-SF	2009C-FM	Clear Specular Cone
2009B-SF	2009B-FM	Black Specular Cone
2009HZ-SF	2009HZ-FM	Haze Cone
2009W-SF	2009W-FM	White Cone
2009WHZ-SF	2009WHZ-FM	Wheat Haze Cone

¹For self flanged reflector with optional white painted flange, replace "SF" suffix with "-SFWH".

²Flush Mount trims must be used with Flush Mount Adapter in drywall ceilings, ordered separately.

Product specifications subject to change without notice.

Accessories

Cat. #	Description
FMA2	New Construction Flush Mount Adapter for drywall ceilings
CTA2-120	Thick Ceiling Adapter for .75"-1.20" thick ceiling
CTA2-150	Thick Ceiling Adapter for 1.20"-1.50" thick ceiling
TIR-ACLX2-SP	18° Spot Optic
TIR-ACLX2-NFL	24° Narrow Flood Optic
TIR-ACLX2-FL	35° Flood Optic
TIR-ACLX2-WFL	45° Wide Flood Optic
AF2-SPREAD	35mm Linear Spread Optic Film
AF2-DIFFUSION	35mm Diffusion Optic Film
EMI-20	20W Emergency Lighting Inverter

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.93
3000K	80	1.00
3500K	80	1.02
4000K	80	1.06
2700K	90	0.71
3000K	90	0.77



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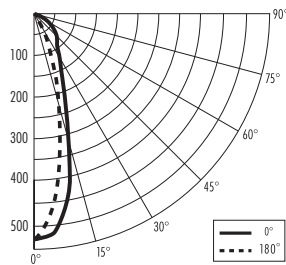
PHOTOMETRIC REPORT

Test Report #: PT02141706

Catalog No: IC/TC210LA-830-N-1
with 2009HZ trim

Luminaire Spacing Criterion @ 90°: 0.58

Luminaire: 2" IC/TC LED Adjustable with Narrow
Flood Optic, Wall Wash Trim



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°		180°
	Wall Wash	Downlight	Downlight
0	539	539	539
5	522	465	465
10	432	339	339
15	322	203	203
20	233	119	119
25	167	66	66
30	131	40	40
35	112	25	25
40	99	12	12
45	90	7	7
50	81	3	3
55	71	1	1
60	58	0	0
65	48	0	0
70	38	0	0
75	29	0	0
80	20	0	0
85	12	0	0
90	6	0	0

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30°	254	56.0
0-40°	334	73.7
0-60°	415	91.6
0-90°	453	100.0
90-180°	0	0.0
0-180°	453	100.0

LUMINANCE (Average cd/m²)

Degrees	Average 180°	
	Downlight Luminance	
45	48061	
55	46619	
65	43258	
75	42498	
85	53962	

FOOTCANDLES ON WALL FROM MULTIPLE FIXTURES

Fixture Distance to Wall	18"						24"					
	18"			24"			18"			24"		
Fixture Centers (spacing)	18"	18"	18"	24"	24"	24"	18"	18"	18"	24"	24"	24"
1'	23	23	23	19	17	19	15	15	15	12	12	12
2'	27	28	27	21	21	21	22	22	22	17	17	17
3'	22	22	22	17	17	17	19	19	19	15	15	15
4'	18	19	18	15	15	15	16	16	16	13	13	13
5'	15	15	15	12	13	12	14	14	14	11	12	11
6'	12	13	12	10	10	10	12	12	12	10	10	10
7'	10	10	10	9	9	9	10	11	10	9	9	9
8'	8	9	8	7	7	7	9	9	9	8	8	8
9'	6	7	6	6	6	6	7	7	7	6	6	6

DISTANCE FROM CEILING

Photometry is at 3000K CCT

