



2" LED RECESSED WALL WASH 700 & 1000 LUMEN

2" SQUARE WALL WASH

REMODEL

**TC207LSQAR, TC210SQAR,
with 2009SQ Wall Wash**

PRODUCT DESCRIPTION

Recessed LED wall wash luminaire with 1 3/4" square aperture delivers exceptionally uniform wall wash performance. Fixture has 50° visual cut-off for low aperture brightness. Low profile remodel housing is non-IC rated for use in non-insulated areas or where insulation is spaced at least 3" from housing.

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 are 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, 35° flood optic is recommended.

Reflector Patent pending architectural wall wash trim provides superior uniformity • Die cast reflector in haze, black haze, wheat haze, or white finish.

Trims Style Self Flanged and Flush Mount styles are available • Flange is same finish as trim unless optional painted white flange is specified • For flush mount installations in drywall ceilings, specify the FMSQ2R adapter.

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 [ACXLIED2-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 depending on trim • Union made.

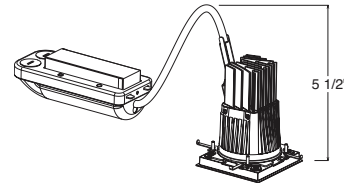
Remodel Installation Fixture installs from below the ceiling and secured to remodel ring.

Wiring Includes (2) 1/2" knockouts equipped with pryout slots and are compatible with flexible electrical supply only • Supplied with quick connect electrical connectors.

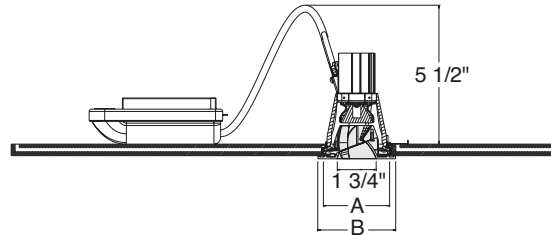
Ceiling Thickness 1/2" – 1 1/2" ceiling standard.

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

DIMENSIONS



TC207LSQAR, TC210LSQAR



Trim Style	Cutout Size (A)	Flange Dimension (B)
Self Flanged Trims	3.044" x 3.044"	3.410"
Flush Mount Trims (Drywall Ceiling)	3.044" x 3.044"	2.875"

ELECTRICAL DATA

Lumen Package	700			1000		
	Dedicated 120V (-1)	Universal Voltage (-U)		Dedicated 120V (-1)	Universal Voltage (-U)	
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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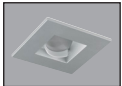

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Ordering Information Housing, trim and accessories each ordered separately

Example: **TC207LSQAR-830-N-1**

Series	CRI/CCT	Optic	Driver
TC207LSQAR 700 lm Adjustable, Non-IC	827 80 CRI, 2700K	S 18° Spot N 24° Narrow Flood	I 120V, Phase Dimming
TC210LSQAR 1000 lm Adjustable, Non-IC	830 80 CRI, 3000K	F 35° Flood (recommended)	U 120-277V, 0-10V Dimming
	835 80 CRI, 3500K	W 45° Wide Flood	
	840 80 CRI, 4000K		
	927 90 CRI, 2700K		
	930 90 CRI, 3000K		

Example: **2009SQW-SF**

Trim/Description		
		
Self Flanged ¹	Flush Mount ²	Description
2009SQBH-Z-SF	2009SQBH-Z-FM	Black Haze Reflector
2009SQHZ-SF	2009SQHZ-FM	Haze Reflector
2009SQW-SF	2009SQW-FM	White Reflector
2009SQWH-Z-SF	2009SQWH-Z-FM	Wheat Haze Reflector

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
FMASQ2R	Remodel Flush Mount Adapter for drywall ceilings
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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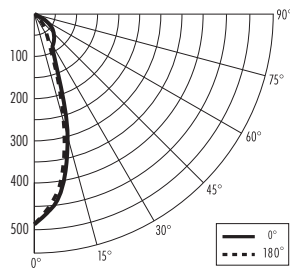
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PHOTOMETRIC REPORT

Test Report #: PT02141703
Catalog No: IC/TC210LSQAR-830-F-1
with 2009SQHZ trim

Luminaire Spacing Criterion @ 90°: 0.60

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



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0° Wall Wash	180° Downlight
0	494	494
5	477	478
10	409	409
15	309	289
20	214	162
25	134	88
30	85	47
35	64	33
40	56	24
45	53	15
50	48	8
55	42	4
60	36	2
65	29	1
70	21	1
75	15	0
80	10	0
85	5	0
90	0	0

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30°	276	53.4
0-40°	381	73.5
0-60°	496	95.7
0-90°	519	100.0
90-180°	0	0.0
0-180°	519	100.0

LUMINANCE (Average cd/m²)

Average 180°	
Degrees	Downlight Luminance
45	35756
55	35081
65	32571
75	27146
85	29064

FOOTCANDLES ON WALL FROM MULTIPLE FIXTURES

Fixture Distance to Wall	18"			24"		
	18"	18"	18"	18"	24"	24"
1'	14	14	14	11	11	11
2'	18	19	18	15	14	15
3'	18	18	18	14	14	14
4'	17	17	17	14	14	14
5'	15	15	15	13	13	13
6'	12	12	12	12	12	12
7'	10	10	10	10	10	10
8'	8	9	8	9	9	9
9'	6	7	6	7	7	7

DISTANCE FROM CEILING

Photometry is at 3000K CCT

