



PRODUCT DESCRIPTION

Recessed LED downlight luminaire with 1-3/4" square aperture delivers up to 784 lumens and is available with optical distributions approximating that of MR16 halogen lamps. Fixture has 50° visual cut-off for low aperture brightness. Low profile new construction 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.

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 FMSQ2 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 [ACXL2-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 or wet locations depending on trim • IC rated new construction fixture meets energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Qualified with all color temperatures with 80 CRI • 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) • V-Notch in 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 CTASQ2-120 (.75"-1.20") or CTASQ2-150 (1.20"-1.50").

2" LED RECESSED DOWNLIGHT 700 & 1000 LUMEN

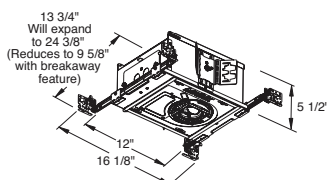
SQUARE DOWNLIGHT
NEW CONSTRUCTION

IC207LSQD, TC207LSQD,
IC210LSQD, TC210LSQD

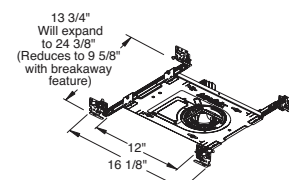


Type	Cat. No.
_____	_____
Project: _____	
Notes: _____	

DIMENSIONS



IC207LSQD, IC210LSQD



TC207LSQD, TC210LSQD

Trim Style	Cutout Size
Self Flanged Trims	2-7/8" x 2-7/8"
Flush Mount Trims (Solid Ceiling)	2-7/8" x 2-7/8"
Flush Mount Trims (Drywall Ceiling)	3" x 3"

ELECTRICAL DATA

Lumen Package	700			1000		
Driver Option	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

2" LED RECESSED DOWNLIGHT 700 & 1000 LUMEN

SQUARE APERTURE

NEW CONSTRUCTION

**IC207LSQD, TC207LSQD,
IC210LSQD, TC210LSQD**

Ordering Information

Housing, trim and accessories each ordered separately

Example: **IC207LSQD-830-N-1**

Series		CRI/CCT	Optic	Driver
IC207LSQD	700 lm Downlight, IC rated	827 80 CRI, 2700K	S 18° Spot	1 120V, Phase Dimming
TC207LSQD	700 lm Downlight, Non-IC	830 80 CRI, 3000K	N 24° Narrow Flood	U 120-277V, 0-10V Dimming
IC210LSQD	1000 lm Downlight, IC rated	835 80 CRI, 3500K	F 35° Flood	
TC210LSQD	1000 lm Downlight, Non-IC	840 80 CRI, 4000K	W 45° Wide Flood	
		927 90 CRI, 2700K		
		930 90 CRI, 3000K		

Accessories

Cat. #	Description
FMASQ2	New Construction Flush Mount Adapter for drywall ceilings
CTASQ2-120	Thick Ceiling Adapter for .75"-1.20" thick ceiling
CTASQ2-150	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

Product specifications subject to change without notice.



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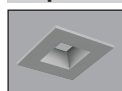
2" LED RECESSED DOWNLIGHT 700 & 1000 LUMEN

SQUARE APERTURE
NEW CONSTRUCTION

IC207LSQD, TC207LSQD,
IC210LSQD, TC210LSQD

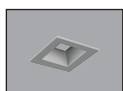
Downlight Trims (Aim at 0°)

Deep Downlight Reflector



Self Flanged²

2007SQBHZ-SF
2007SQHZ-SF
2007SQW-SF
2007SQWHZ-SF



Flush Mount³

2007SQBHZ-FM
2007SQHZ-FM
2007SQW-FM
2007SQWHZ-FM

Description

Black Haze Reflector
Haze Reflector
White Reflector
Wheat Haze Reflector



Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F, W
Trim Finish:	HZ, WHZ, BHZ, W

Regressed Pinhole - 1 3/8" Aperture



Self Flanged

2307SQBHZ-BL-SF
2307SQBHZ-WH-SF



Flush Mount¹

2307SQBHZ-BL-FM
2307SQBHZ-WH-FM

Description

Black Trim
White Trim



Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F
Trim Finish:	BHZ-BL, BHZ-WH

Flat Pinhole - 1 1/4" Aperture



Self Flanged

2337SQBHZ-BL-SF
2337SQBHZ-WH-SF



Flush Mount¹

2337SQBHZ-BL-FM
2337SQBHZ-WH-FM

Description

Black Trim
White Trim



Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F
Trim Finish:	BHZ-BL, BHZ-WH

Lensed Downlight Reflector



Self Flanged²

2002SQBHZ-SF
2002SQHZ-SF
2002SQW-SF
2002SQWHZ-SF



Flush Mount³

2002SQBHZ-FM
2002SQHZ-FM
2002SQW-FM
2002SQWHZ-FM

Description

Black Haze Reflector
Haze Reflector
White Reflector
Wheat Haze Reflector



Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F
Trim Finish:	HZ, WHZ, BHZ, W

Lensed Regressed Pinhole - 1 3/8" Aperture



Self Flanged

2302SQBHZ-BL-SF
2302SQBHZ-WH-SF



Flush Mount³

2302SQBHZ-BL-FM
2302SQBHZ-WH-FM

Description

Black Trim
White Trim



Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F
Trim Finish:	BHZ-BL, BHZ-WH

Lensed Flat Pinhole - 1 1/4" Aperture



Self Flanged

2332SQBHZ-BL-SF
2332SQBHZ-WH-SF



Flush Mount³

2332SQBHZ-BL-FM
2332SQBHZ-WH-FM

Description

Black Trim
White Trim



²Self Flanged: For self flanged reflector with optional white painted flange, replace "-SF" suffix with "-SFWH".

³Flush Mount: Flush Mount trims in drywall ceilings must be used with Flush Mount Adapter, ordered separately.