



2" LED RECESSED ADJUSTABLE 700 & 1000 LUMEN

ROUND APERTURE

REMODEL

TC207LAR, TC210LAR



PRODUCT DESCRIPTION

Recessed LED adjustable luminaire with 2" round aperture delivers up to 1040 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 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 • Additional distributions of 20°, 30°, 50° and 55° FWHM can be achieved with the use of the diffusing films and spot primary optic.

Adjustability Patent pending Acu-Aim™ precision geared hot-aiming achieves 365° rotation, 40° tilt with any ceiling thickness from 1/2" to 1" • Acu-Aim™ translates light engine forward as it is aimed off nadir, ensuring maximum light and low brightness • Black aiming mechanism preserves dark aperture.

Trims Style Self Flanged and Flush Mount (drywall ceilings only) 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 FMA2R 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 [ACCLXLED2-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. Wet location listed with certain trims • ENERGY STAR® Qualified with select color temperatures and trims • Union made.

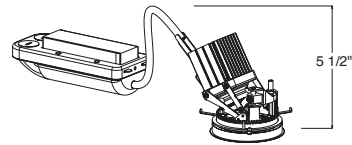
Remodel Installation Fixture installs from below the ceiling and secured to remodel ring.

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



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Trim Style	Cutout Size
Self Flanged Trims	2.953" (75mm)
Flush Mount Trims (Drywall Ceiling)	3"

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

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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Ordering Information

Housing, trim and accessories each ordered separately

Example: **TC207LAR-830-N-1**

Series	CRI/CCT	Optic	Driver
TC207LAR 700 lm Adjustable, Non-IC	827 80 CRI, 2700K	S 18° Spot	I 120V, Phase Dimming
TC210LAR 1000 lm Adjustable, Non-IC	830 80 CRI, 3000K	N 24° Narrow Flood	U 120-277V, 0-10V Dimming
	835 80 CRI, 3500K	F 35° Flood	
	840 80 CRI, 4000K	W 45° Wide Flood	
	927 90 CRI, 2700K		
	930 90 CRI, 3000K		

To achieve the desired beam angle (FWHM), specify the following primary LED optic on the luminaire and order the diffusing film from the table below

Desired FWHM	Primary Optic	Film
18°	S	-
20°	S	AF2-10
24°	N	-
30°	S	AF2-20
35°	F	-
45°	W	-
50°	S	AF2-40
55°	S	AF2-50
60° x 20°	S	AF2-90x1

Accessories

Cat. #	Description
FMA2R	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
AF2-10	10° Film (Use with Spot Optic)
AF2-20	20° Film (Use with Spot Optic)
AF2-40	40° Film (Use with Spot Optic)
AF2-50	50° Film (Use with Spot Optic)
AF2-90x1	90°x1° Film (Use with Spot Optic)
EMI-120	20W Emergency Lighting Inverter

Product specifications subject to change without notice.



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Adjustable Trims

Angle Cut Cone



Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840, 930
Optic:	S, N, F, W
Trim Finish:	C, HZ, WHZ, B, W

Self Flanged²

2008C-SF
2008B-SF
2008HZ-SF
2008W-SF
2008WHZ-SF

Flush Mount³

2008C-FM
2008B-FM
2008HZ-FM
2008W-FM
2008WHZ-FM

Description

Clear Specular Cone
Black Specular Cone
Haze Cone
White Cone
Wheat Haze Cone

Regressed Pinhole - 1 3/8" Aperture



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

Self Flanged

2308BHZ-BL-SF
2308BHZ-WH-SF

Flush Mount³

2308BHZ-BL-FM
2308BHZ-WH-FM

Description

Black Trim
White Trim

Flat Pinhole - 1 1/4" Aperture



Self Flanged

2338BHZ-BL-SF
2338BHZ-WH-SF

Flush Mount³

2338BHZ-BL-FM
2338BHZ-WH-FM

Description

Black Trim
White Trim

Flat Pinhole - 1 3/4" Aperture



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

Self Flanged

2318BHZ-BL-SF
2318BHZ-WH-SF

Flush Mount³

2318BHZ-BL-FM
2318BHZ-WH-FM

Description

Black Trim
White Trim

Lensed Angle Cut Cone



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

Self Flanged²

2001C-SF
2001B-SF
2001HZ-SF
2001W-SF
2001WHZ-SF

Flush Mount³

2001C-FM
2001B-FM
2001HZ-FM
2001W-FM
2001WHZ-FM

Description

Clear Specular Cone
Black Specular Cone
Haze Cone
White Cone
Wheat Haze Cone

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.

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Adjustable Trims (continued)

Lensed Adjustable Regressed Pinhole - 1 3/8" Aperture



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

Self Flanged	Flush Mount ³	Description
2301BHZ-BL-SF 2301BHZ-WH-SF	2301BHZ-BL-FM 2301BHZ-WH-FM	Black Trim White Trim

Lensed Flat Pinhole - 1 1/4" Aperture



Self Flanged	Flush Mount ³	Description
2331BHZ-BL-SF 2331BHZ-WH-SF	2331BHZ-BL-FM 2331BHZ-WH-FM	Black Trim White Trim

Lensed Flat Pinhole - 1 3/4" Aperture



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

Self Flanged	Flush Mount ³	Description
2311BHZ-BL-SF 2311BHZ-WH-SF	2311BHZ-BL-FM 2311BHZ-WH-FM	Black Trim White Trim

Downlight Trims (Aim at 0°)

Parabolic Downlight Cone



	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840, 930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ, B, W

Self Flanged ²	Flush Mount ³	Description
2007C-SF 2007B-SF 2007HZ-SF 2007W-SF 2007WHZ-SF	2007C-FM 2007B-FM 2007HZ-FM 2007W-FM 2007WHZ-FM	Clear Specular Cone Black Specular Cone Haze Cone White Cone Wheat Haze Cone

Hyperbolic Downlight Cone



	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840, 930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ, B, W

Self Flanged ²	Flush Mount ³	Description
2017C-SF 2017B-SF 2017HZ-SF 2017W-SF 2017WHZ-SF	2017C-FM 2017B-FM 2017HZ-FM 2017W-FM 2017WHZ-FM	Clear Specular Cone Black Specular Cone Haze Cone White Cone Wheat Haze Cone

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.

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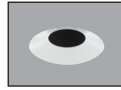
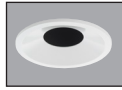
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Downlight Trims (Aim at 0°) (continued)

Regressed Pinhole - 1 3/8" Aperture



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

Self Flanged

2307BHZ-BL-SF
2307BHZ-WH-SF

Flush Mount³

2307BHZ-BL-FM
2307BHZ-WH-FM

Description

Black Trim
White Trim

Flat Pinhole - 1 1/4" Aperture



Self Flanged

2337BHZ-BL-SF
2337BHZ-WH-SF

Flush Mount³

2337BHZ-BL-FM
2337BHZ-WH-FM

Description

Black Trim
White Trim

Lensed Parabolic Downlight Cone



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

Self Flanged²

2002C-SF
2002B-SF
2002HZ-SF
2002W-SF
2002WHZ-SF

Flush Mount³

2002C-FM
2002B-FM
2002HZ-FM
2002W-FM
2002WHZ-FM

Description

Clear Specular Cone
Black Specular Cone
Haze Cone
White Cone
Wheat Haze Cone

Lensed Downlight Regressed Pinhole - 1 3/8" Aperture



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

Self Flanged

2302BHZ-BL-SF
2302BHZ-WH-SF

Flush Mount³

2302BHZ-BL-FM
2302BHZ-WH-FM

Description

Black Trim
White Trim

Lensed Downlight Flat Pinhole - 1 1/4" Aperture



Self Flanged

2332BHZ-BL-SF
2332BHZ-WH-SF

Flush Mount³

2332BHZ-BL-FM
2332BHZ-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.

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Wall Wash Trims (Aim at 0°)

Architectural Wall Wash



Self Flanged²

2009C-SF
2009B-SF
2009HZ-SF
2009W-SF
2009WHZ-SF



Flush Mount³

2009C-FM
2009B-FM
2009HZ-FM
2009W-FM
2009WHZ-FM

Description

Clear Specular Cone
Black Specular Cone
Haze Cone
White Cone
Wheat Haze Cone

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.