

Juno®

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

5" IC LED DOWNLIGHT REMODEL

IC20RLED RECESSED HOUSING

OPEN TRIMS



PRODUCT DESCRIPTION

Dedicated LED, Air-Loc® remodel housing with integral light engine

- IC remodel housing for remodel application where back side of ceiling is not accessible
- Installs through an opening in the ceiling from below
- Secured in place by factory installed remodel springs
- Can be completely covered with insulation
- When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and air cooling costs
- LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims
- 3 year warranty.

ENVIRONMENTALLY FRIENDLY, ENERGY EFFICIENT

- No harmful ultraviolet or infrared wavelengths
- No lead or mercury
- Comparable light output to 65W BR30 incandescent while consuming 14W



PRODUCT SPECIFICATIONS

LED Light Engine Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of the LED

- Replaceable PC board with quick connector mounts directly to heat sink and incorporates the latest generation of high lumen output LEDs binned to Energy Star standards
- 3000K, 3500K, or 4100K color temperatures available.

Optical System Computer-optimized internal reflector with specular finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance

- Deep regression of lens produces a low glare, efficient system that produces over 600 lumens using 14 watts of energy.

Aesthetic Trim Selections Compatible with wide selection of existing Juno trims

- Shadow free, knife edge design blends seamlessly into ceiling.

LED Driver Universal voltage driver accommodates input voltages from 120 to 277 volts AC at 60Hz

- Power factor > 0.9 at 120V input
- Driver has integral thermal protection
- Driver is dimmable with the use of Juno qualified 120V electronic low voltage wall box dimmers.

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

Labels Energy Star qualified when used with baffle and cone trims

- UL listed for damp locations
- Union made AFL-CIO, UL and cUL, RoHS compliant.

Testing All reports are based on published industry procedures; field performance may differ from laboratory performance.

Product specifications subject to change without notice.

HOUSING FEATURES

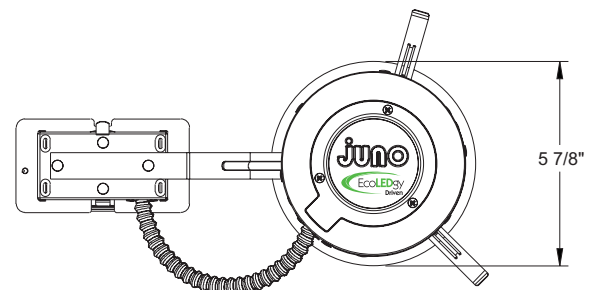
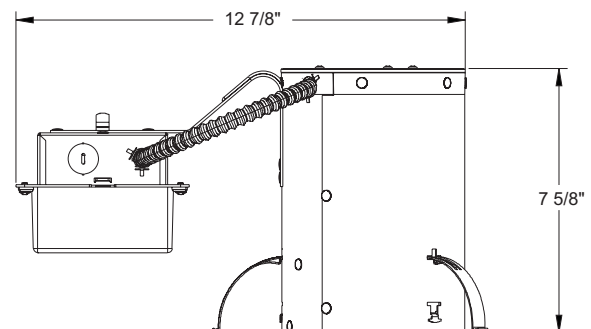
Housing Designed for use in IC (insulated ceiling) or non-IC construction

- .032" aluminum housing sealed for Air-Loc compliance
- Remodel springs accommodate up to 1 1/8" ceiling thickness.

Junction Box Pre-wired junction box provided with (5) 1/2" knockouts and ground wire, UL listed and cUL listed for daisy chaining

- Knockouts equipped with pryout slots
- Push-in electrical connectors supplied as standard for fast, secure installation.

DIMENSIONS



5 1/2" CEILING CUTOUT

ELECTRICAL DATA

	120V	277V
Input Power	14.2W (+/-5%)	15.4W (+/-5%)
Input Current - Max	0.128A	0.069A
Frequency	60Hz	60Hz
EMI/RFI	FCC Title 47 CFR, Part 18, Class B (consumer)	FCC Title 47 CFR, Part 18, Class A (commercial)
Minimum starting temp	-20°C (-4°F)	-20°C (-4°F)

120V APPROVED DIMMERS

Electronic low voltage dimmers require a neutral wire in the wall box.

Lutron®:

Model numbers -
Skylark® SELV-303P
Skylark® SELV-300P
Nova T[☆]® NTELV-600
Nova T[☆]® NTELV-300
Diva® DVELV-300P

Leviton®:

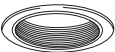



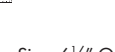
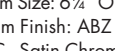
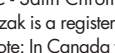
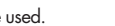




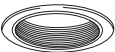



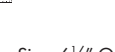
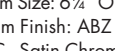
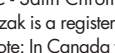
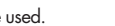




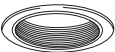



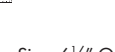
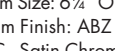
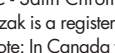
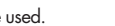




Model number -
Acenit® ACE06-1LW
Monet® MMNE04-1LW
Vizia+® VPE04-1LZ
Vizia+® VZE04-1LX

Consult technical services or factory for additional dimmers.

5" IC LED DOWNLIGHT REMODEL

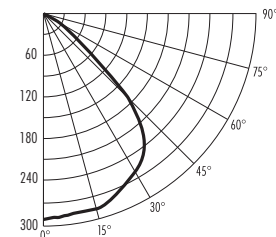
IC20RLED RECESSED HOUSING OPEN TRIMS

ORDERING INFORMATION: Housing, trim and accessories each ordered separately.

Example: IC20RLED-3K		Example: 205W-WH																																											
Housing	Color Temperature Options	Trim/Description																																											
IC20RLED	<table border="0"> <tr><td>3K</td><td>3000K</td></tr> <tr><td>35K</td><td>3500K</td></tr> <tr><td>41K</td><td>4100K</td></tr> </table>	3K	3000K	35K	3500K	41K	4100K	<table border="0"> <tr><td></td><td>205W-WH</td><td>White Baffle</td></tr> <tr><td></td><td>205B-WH</td><td>Black Baffle</td></tr> <tr><td></td><td>205B-SC</td><td>Black Baffle</td></tr> <tr><td></td><td>205B-ABZ</td><td>Black Baffle</td></tr> <tr><td></td><td>204C-WH</td><td>Cone in Clear Alzak®</td></tr> <tr><td></td><td>204G-WH</td><td>Cone in Gold Alzak®</td></tr> <tr><td></td><td>204B-WH</td><td>Cone in Black Alzak®</td></tr> <tr><td></td><td>204PT-SC</td><td>Cone in Pewter Alzak®</td></tr> <tr><td></td><td>204W-WH</td><td>Cone in Gloss White</td></tr> <tr><td></td><td>204HZ-WH</td><td>Cone in Haze</td></tr> <tr><td></td><td>204WHZ-WH</td><td>Cone in Wheat Haze</td></tr> <tr><td></td><td>204WHZ-ABZ</td><td>Cone in Wheat Haze</td></tr> </table>			205W-WH	White Baffle		205B-WH	Black Baffle		205B-SC	Black Baffle		205B-ABZ	Black Baffle		204C-WH	Cone in Clear Alzak®		204G-WH	Cone in Gold Alzak®		204B-WH	Cone in Black Alzak®		204PT-SC	Cone in Pewter Alzak®		204W-WH	Cone in Gloss White		204HZ-WH	Cone in Haze		204WHZ-WH	Cone in Wheat Haze		204WHZ-ABZ	Cone in Wheat Haze
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<p>Trim Size: 6¼" O.D. Trim Finish: ABZ - Classic Aged Bronze, SC - Satin Chrome, WH - White. Alzak is a registered trademark of Alcoa Corp. Note: In Canada when insulation is present, Type IC fixtures must be used.</p>																																													

PHOTOMETRIC REPORT

Test Report #: LTL14393
 Catalog No: IC20RLED-35K
 with 205W-WH Trim
 Luminaire Spacing Criterion: 1.4
 Luminaire LPW: 46.3



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	295
5	295
15	296
25	274
35	252
45	170
55	61
65	22
75	13
85	4
90	0

Multiplier: 3K - 0.96
41K - 1.03

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60"x60' room)
 Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	43	38	33
5.0'	28	24	21
6.0'	19	17	14
7.0'	16	14	12
8.0'	12	11	9
9.0'	9	8	7
10.0'	7	6	5

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0 - 30°	238	N/A	38.4
0 - 40°	394	N/A	63.6
0 - 60°	580	N/A	93.6
0 - 90°	620	N/A	100.0

INITIAL FOOTCANDLES (One Unit, 13.4W, 89.7° Beam)

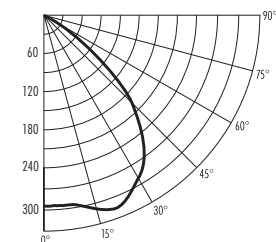
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4	18.4	5.5'
6	8.2	8.3'
8	4.6	11.0'
10	3.0	13.8'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	24774
55	10958
65	5319
75	4985
85	4736

PHOTOMETRIC REPORT

Test Report #: LTL14395
 Catalog No: IC20RLED-35K
 with 204C-WH Trim
 Luminaire Spacing Criterion: 1.5
 Luminaire LPW: 50.3



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	295
5	295
15	308
25	305
35	273
45	196
55	75
65	23
75	5
85	0
90	0

Multiplier: 3K - 0.96
41K - 1.03

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60"x60' room)
 Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	47	41	35
5.0'	30	26	23
6.0'	21	18	16
7.0'	17	15	13
8.0'	13	12	10
9.0'	10	9	8
10.0'	8	7	6

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0 - 30°	256	N/A	38.0
0 - 40°	426	N/A	63.2
0 - 60°	644	N/A	95.6
0 - 90°	674	N/A	100.0

INITIAL FOOTCANDLES (One Unit, 13.4W, 89.3° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4	18.4	5.9'
6	8.2	8.8'
8	4.6	11.8'
10	3.0	14.7'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	26959
55	12771
65	5259
75	1865
85	0



Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.

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