



## 2-120-T Aurora BRO



With a myriad of reflector, trim, and color temperature combinations, Aurora blends discretely with any décor. The 2 1/2" regressed lamp delivers high lumens without glare, while 20° aiming increases flexibility in locating luminaires. The Bridgelux module produces a light consistency within 3 SDCM (MacAdam Ellipse).

### FEATURES

- Utilizes Bridgelux LED
- Lumen output: 800-3000
- 20° aiming (3 series)
- Die-cast aluminum fixture
- Powder coated and plated trim ring finishes
- Clear lens standard
- Trim clips designed for 5/8" ceiling thickness
- Accepts up to 2 media
- L70 @ 50,000 hours
- Trimless version available (see separate specifications)

### DETAILS

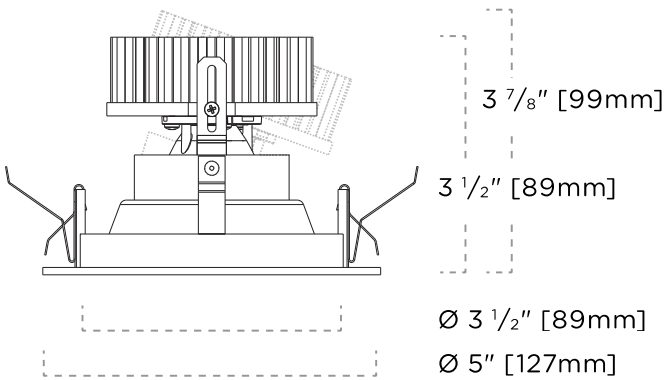
Trim Class: 4"  
Category: Recessed Downlight  
Shape: Round  
Adjustability: Aiming



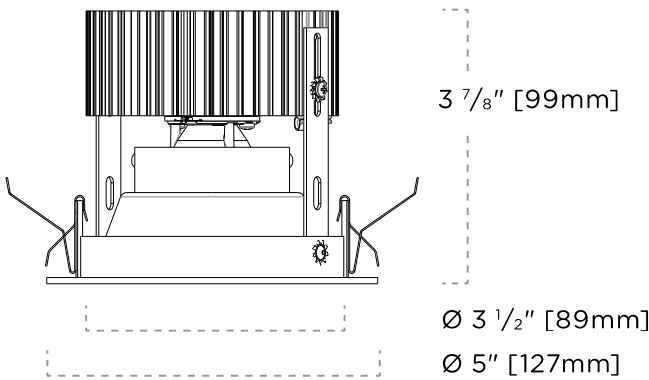
# Features & Lighting

## 3 SERIES

20°

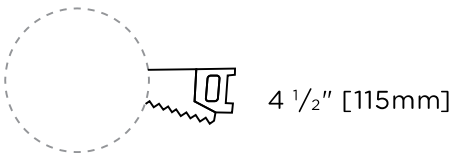


## 5 & 7 SERIES



### 24 TITLE 24 COMPLIANT

### CEILING CUTOUT



### BEAM SPREADS



### FLANGE FINISHES

- White
- Chrome Plated
- Black
- Matte Silver
- Bronze
- Gold Plated
- Matte Nickel

### REFLECTOR FINISHES

- 24 Black Open
- 24 Black Specular
- 24 Black Stepped Baffle
- 24 Nickel Satin
- 24 Silver Satin
- 24 White Open

### COLOR TEMPERATURES

- 2700
- 3000
- 3500
- 4000

### CRI & LUMENS

SERIES	3		5		7		9	
CRI VALUE	80	90	80	90	80	90	80	90
LUMEN OUTPUT	1000	800	1800	1400	2300	1800	3000	2300
LED WATTAGE	9	9	17	17	24	24	28	28
TITLE 24		24						

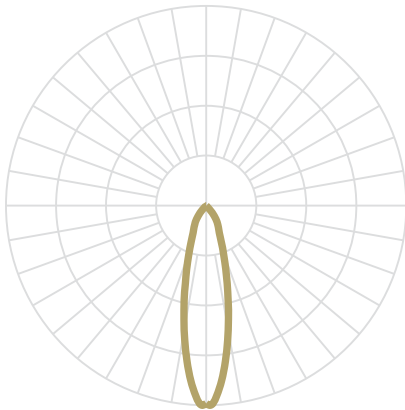
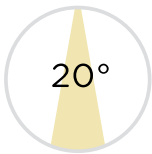
# Photometric Data

## CONVERSION CHART

CRI	LUMENS	CCT				TYPICAL SYSTEM POWER
		2700K	3000K	3500K	4000K	
80	1000	0.46	0.48	0.50	0.51	12W
	1800	0.74	0.77	0.81	0.82	20W
	2300	0.96	1 (Baseline)	1.04	1.07	27W
90	800	0.37	0.39	—	—	12W
	1400	0.60	0.64	—	—	20W
	1800	0.77	0.82	—	—	27W

## 7 SERIES, 20° BEAM, 3000K, 80 CRI, 2300 LUMENS

Report: L041413101  
Trim Model: 2-120-T-01-SAS-BRO20-30-8023  
Efficacy: 65 lm/W  
System Power: 26.9 W  
Lumen: 1758 lm



## OUTPUT

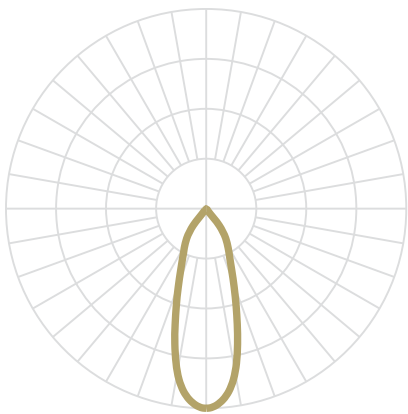
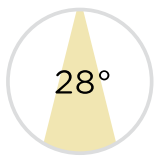
DISTANCE		BEAM DIAMETER		OUTPUT	
FT	M	FT	M	FC	LUX
6	1.8	2.4	0.73	146.5	1577.2
8	2.4	3.1	0.95	82.4	887.2
10	3.0	3.9	1.19	52.8	567.8
12	3.7	4.7	1.43	36.6	394.3
14	4.3	5.5	1.68	26.9	289.7
16	4.9	6.3	1.92	20.6	221.8

Luminaires are tested to IESNA standards LM-79-08. Tested to Absolute Photometry.

2-120-T-Aurora-BRO-Specs • Subject to change without notice • Rev 2017.01.25 • 3/6

7 SERIES, 28° BEAM, 3000K, 80 CRI, 2300 LUMENS

Report: L031506103  
Trim Model: 2-120-T-01-SAS-BRO28-3-8023  
Efficacy: 71 lm/W  
System Power: 26.2 W  
Lumen: 1865 lm

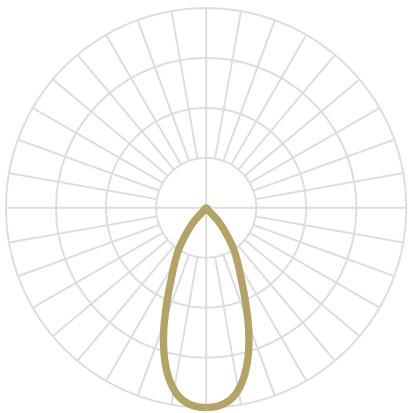
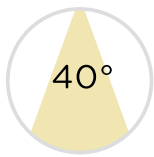


OUTPUT

DISTANCE		BEAM DIAMETER		OUTPUT	
FT	M	FT	M	FC	LUX
6	1.8	3.0	0.91	104.8	1127.5
8	2.4	4.0	1.22	58.9	634.2
10	3.0	5.0	1.52	37.7	405.9
12	3.7	6.0	1.83	26.2	281.9
14	4.3	7.0	2.13	19.2	207.1
16	4.9	8.0	2.44	14.7	158.6

7 SERIES, 28° BEAM, 3000K, 80 CRI, 2300 LUMENS

Report: L041507602  
Trim Model: 2-120-T-01-SAS-BRO40-30-8023  
Efficacy: 72 lm/W  
System Power: 25.9 W  
Lumen: 1860 lm



OUTPUT

DISTANCE		BEAM DIAMETER		OUTPUT	
FT	M	FT	M	FC	LUX
6	1.8	5.1	1.55	75.1	807.9
8	2.4	6.8	2.07	42.2	454.4
10	3.0	8.5	2.59	27.0	290.8
12	3.7	10.2	3.11	18.8	202.0
14	4.3	11.9	3.63	13.8	148.4
16	4.9	13.6	4.15	10.6	113.6

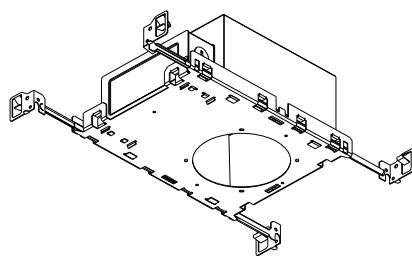
Luminaires are tested to IESNA standards LM-79-08. Tested to Absolute Photometry.

2-120-T-Aurora-BRO-Specs • Subject to change without notice • Rev 2017.01.25 • 4/6

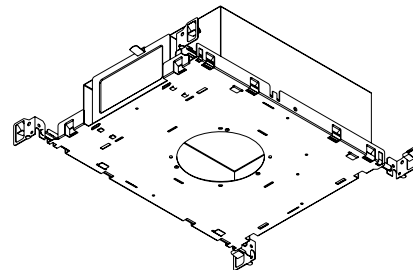
# Compatible Housings

## NON-INSULATED

D4B-F-R  
Round Frame In  
3 & 5 Series  
L 10 1/2" [267mm]  
W 7 3/4" [197mm]  
H 4 1/2" [115mm]

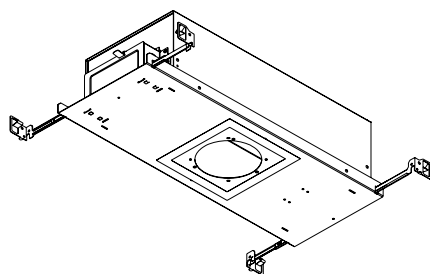


D4B-F-R  
Round Frame In  
7 & 9 Series  
L 13 3/4" [350mm]  
W 10 7/8" [277mm]  
H 4 1/2" [115mm]

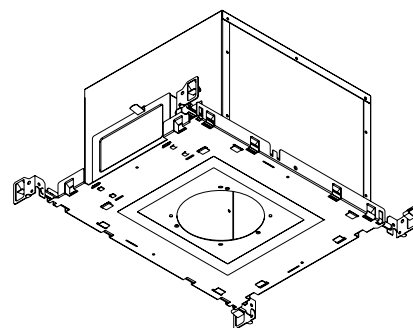


## INSULATED

D4B-IC1A-R  
Round Insulated Airtight  
3 Series  
L 22 1/2" [572mm]  
W 8 1/2" [216mm]  
H 5 7/8" [150mm]

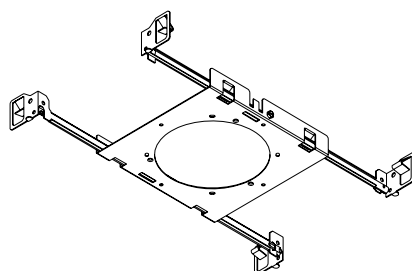


D4B-IC2A-R  
Round Insulated Airtight  
3 Series  
L 13 3/4" [350mm]  
W 10 7/8" [277mm]  
H 8 1/8" [207mm]

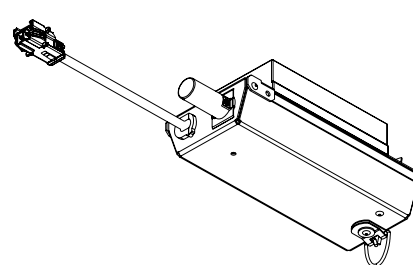


## REMODEL

R4P-F-R  
Round New  
Construction Plate  
3, 5, 7 & 9 Series  
L 6 1/2" [166mm]  
W 6 3/8" [162mm]  
H 1" [26mm]

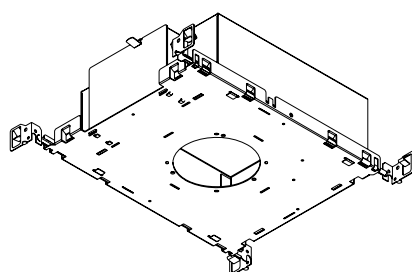


DRB  
Remodel Driver  
3, 5, 7 & 9 Series  
L 8 1/4" [210mm]  
W 3 1/4" [83mm]  
H 2 3/4" [70mm]

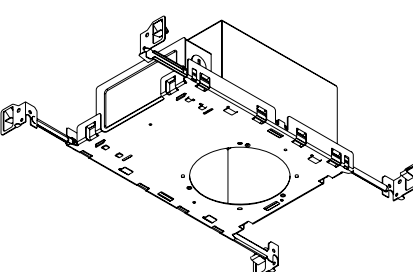


## SPECIALIZED

D4B-CP-R  
Round Chicago Plenum  
3 Series  
L 13 3/4" [350mm]  
W 10 7/8" [277mm]  
H 4 1/2" [115mm]



D4B-FS-R  
Round Frame In  
3 Series  
L 10 1/2" [267mm]  
W 7 3/4" [197mm]  
H 3 1/2" [89mm]



# 2-120-T

## Aurora BRO

Project	Type
Notes	
Product Code	
<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>12345678</div>	
1. Trim	5. Color Temperature
<b>2-120-T</b> Aurora	<b>27</b> 2700K
	<b>30</b> 3000K
2. Flange Finish	<b>35</b> 3500K <sup>2</sup>
<b>01</b> White	<b>40</b> 4000K <sup>2</sup>
<b>02</b> Chrome Plated	
<b>04</b> Black	6. CRI, Lumens, Series
<b>05</b> Matte Silver	<b>8010</b> 80 CRI, 1000 lm, 3 Series
<b>06</b> Bronze	<b>9008</b> 90 CRI, 800 lm, 3 Series
<b>09</b> Gold Plated	<b>8018</b> 80 CRI, 1800 lm, 5 Series
<b>11</b> Matte Nickel	<b>9014</b> 90 CRI, 1400 lm, 5 Series
<b>CC</b> Custom Color <sup>1</sup>	<b>8023</b> 80 CRI, 2300 lm, 7 Series
3. Reflector Finish	<b>9018</b> 90 CRI, 1800 lm, 7 Series
<b>BA</b> Black Specular	<b>8030</b> 80 CRI, 3000 lm, 9 Series
<b>BLO</b> Black Open	<b>9023</b> 90 CRI, 2300 lm, 9 Series
<b>BLS</b> Black Stepped	
<b>NICS</b> Nickel Satin	7. Optional Media (2 Maximum)
<b>SAS</b> Satin Silver	<b>EL</b> Elongating
<b>WHO</b> White Open	<b>FRO</b> Frosted
	<b>HC</b> Honeycomb
4. Module & Beam Spread	<b>PER</b> Perimeter Frosted
<b>BRO20</b> 20° Beam	<b>SL</b> Solite Softening
<b>BRO28</b> 28° Beam	<b>SPDL</b> Spread
<b>BRO40</b> 40° Beam	
	8. Options
	<b>EXT</b> Extension Clips (Maximum 2")

Notes

<sup>1</sup> **CC** custom color requires consultation with Lightheaded sales personnel.

<sup>2</sup> **35 & 40K** color temperatures are only available in 80 CRI.