



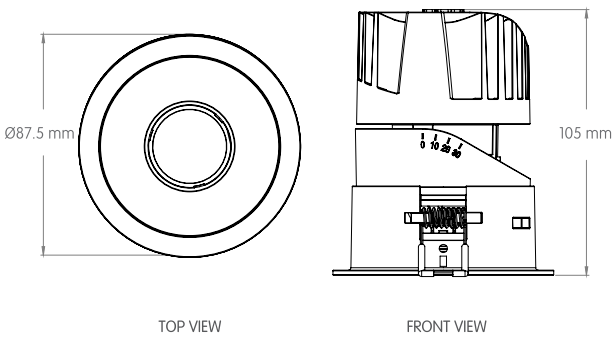
Spec-grade performance LED downlights. Optimal for hospitality, commercial, high-end residential and corporate projects.

The Chameleon R3 downlights offer a high output, precise optics, a wide range of mounting options, reflector finishes, and optical accessories.

- Up to 1,000lm delivered output
- Trim, trimless and millwork mounting options
- High CRI, up to +97 CRI, available upon request
- Dim-to-Warm capability 3000K to 1800K
- Tunable White capability 2700K to 5000K
- Gear driven tilt 0° to 30° and 360° lockable rotation
- Zoomable Lens from 15° to 50°
- 5 years limited warranty
- Chicago plenum rated

### HOUSING SPECS

Code example: **C3-L10R9**



Series	Power/Output	Voltage	Control	Housing	Emergency
<b>C3</b>	L <sup>1</sup> 9W (450lm)	1 120V	0 Non-Dim	R Remodel	N No
	M <sup>1</sup> 11W (510lm)	U <sup>4</sup> Universal 120V to 277V	1 0-10 to 1%	N Non-IC	9 90 mins
	H <sup>1</sup> 13W (600lm)		2 0-10 fade-off	F <sup>5</sup> IC	
	R <sup>2</sup> 10W (540lm)	D Dali	A <sup>5</sup> Airtight		
	T <sup>3</sup> 4.5W (230lm)	P Phase ELV & Triac	O No Housing		
		L Lutron			
		X DMX			

### MODULE SPECS

The Module should have the same Power as the Housing

Code example: **C3-LR0-NW-WW-Z927-0-N**

P/O	Mounting	Trim Color	Ref. Color	IP Rating	Optics Type	LED CRI	LED CCT	Accessories (Primary)	Accessories (Secondary)
<b>C3</b>	R0 Round Trimless	N W White	W White	D Dry	Z 15°-50°	9 90	27 2700K	0 No Accessories	N No Accessories
	R1 Round Trim	B Black	B Black	W Wet		H Thrive	30 3000K	C Clear Lens	T Clear Lens
	R2 Round Trim with Constant Force Spring	X Custom RAL	X Custom RAL				35 3500K	D <sup>7</sup> Diffuse lens	L Diffuse lens
	R3 Round Millwork	P Field Paintable	P Field Paintable				40 4000K	E <sup>8</sup> Elliptical Lens	F Solite Lens
							WD 3000K - 1800K	H Honeycomb Lens	
							TW <sup>6</sup> 2700K - 5000K	S Solite Lens	
							CC RGBW	M Mixing	

#### Notes:

- <sup>1</sup> Denotes output at 3000K, unless otherwise noted.
- <sup>2</sup> Denotes output specific to Dim-to-Warm at 3000K.
- <sup>3</sup> Denotes output specific to Tunable White at full on.
- <sup>4</sup> Denotes output at White, 3000K.
- <sup>5</sup> Chicago Plenum rated.
- <sup>6</sup> Tunable White available in 0-10V, DMX and DALI.
- <sup>7</sup> Diffuse lenses available in different angles.
- <sup>8</sup> Elliptical lenses available in different angles.

Consult factory for lead-times.  
Bold Lighting reserves the right to make technical changes without notice.



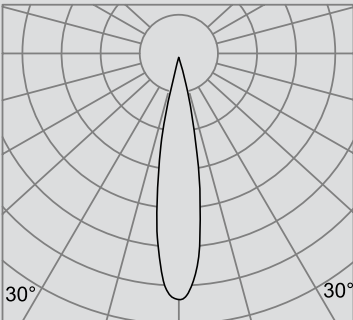
For more info about the placement of the accessories, please consult the schematic on P4

# OPTICAL FLEXIBILITY

## Photometric data: Type C Polar Curves

### Zoomable Distribution 15° - 50°

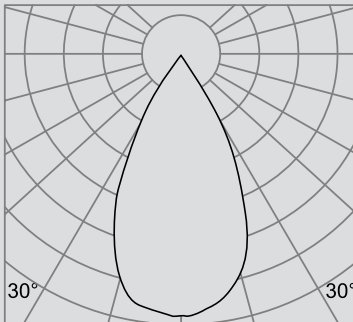
15°



Max. 6,425cd

1,000lm

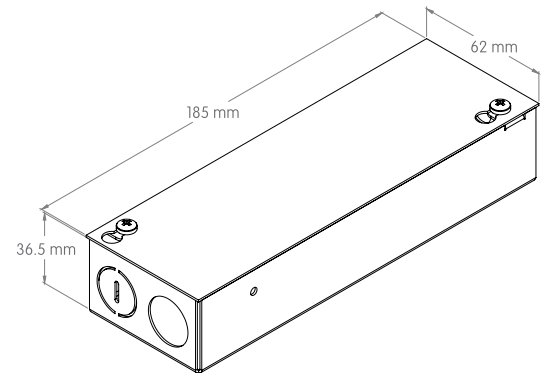
50°



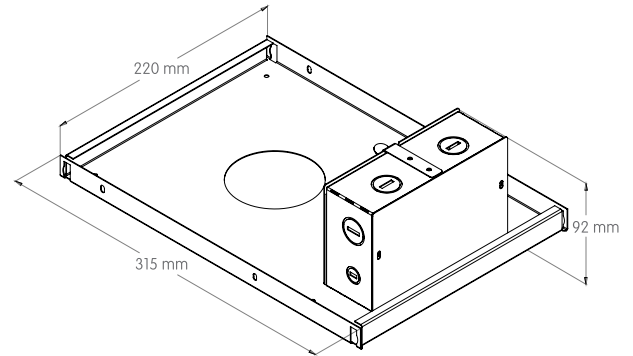
Max. 1,385cd

1,000lm

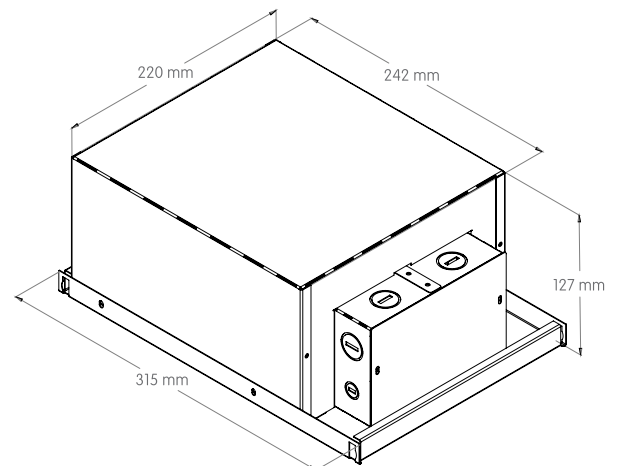
## REMODEL HOUSING



## NON-IC HOUSING



## IC HOUSING & AIRTIGHT




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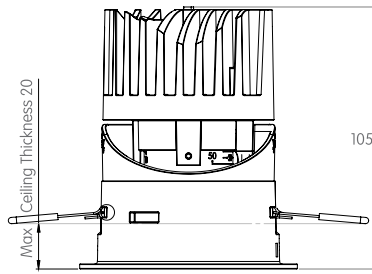


JA8 Certified to Title 24 standards

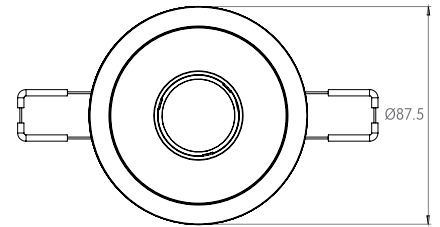
**MOUNTING FLEXIBILITY**  
Per Millimeter

**TRIM TORSION SPRINGS**

 **Ø 76.5**




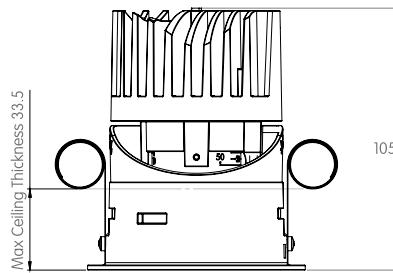
FRONT VIEW



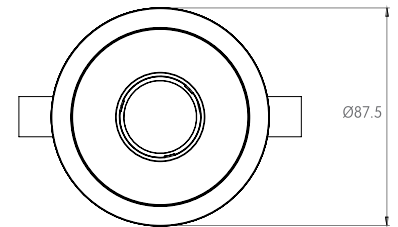
TOP VIEW

**TRIM CONSTANT FORCE SPRINGS**

 **Ø 76.5**




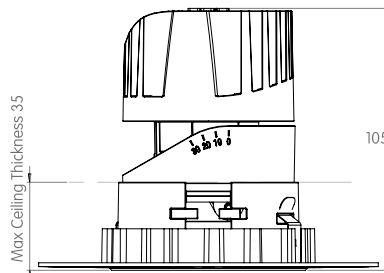
FRONT VIEW



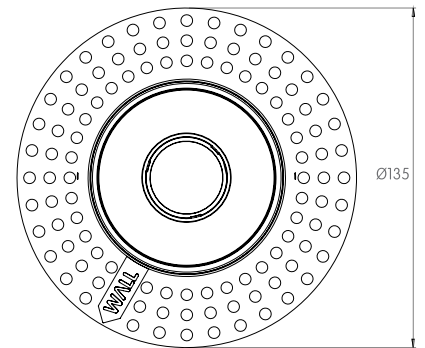
TOP VIEW

**TRIMLESS**

 **Ø 90**




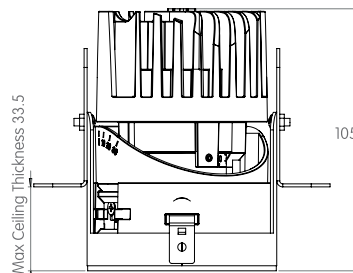
FRONT VIEW



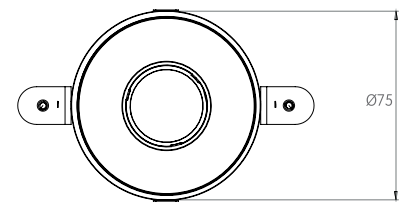
TOP VIEW

**MILLWORK**

 **Ø 76.5**



FRONT VIEW



TOP VIEW



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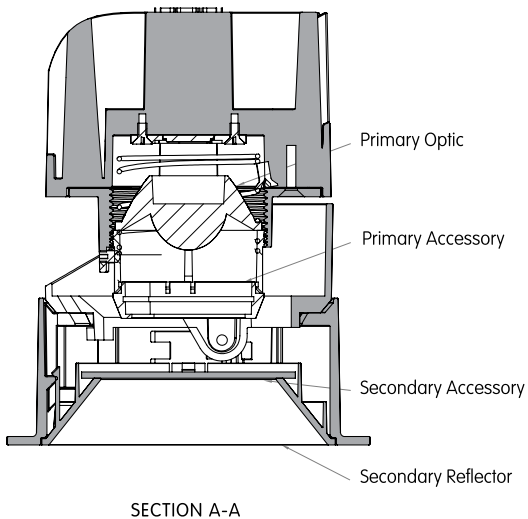


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## DELIVERED LUMEN OUTPUT

Output		Watts	CRI +90		
<b>STATIC-WHITE</b>			<b>2700K</b>	<b>3000K</b>	<b>4000K</b>
<b>L</b>	9W		420lm	450lm	540lm
<b>M</b>	11W		480lm	510lm	660lm
<b>H</b>	13.3W		570lm	600lm	750lm
<b>DIM-TO-WARM 3000K-1800K</b>			<b>3000K</b>		
<b>R</b>	10W		540lm		
<b>TUNABLE WHITE 2700K-6500K</b>			<b>2700K</b>		<b>6500K</b>
<b>T</b>	4.5W		180lm		230lm

## ACCESSORIES SCHEMATIC



CCC Certified  
to GB7000



JA8 Certified  
to Title 24  
standards

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