



# RING BLADE™

## FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

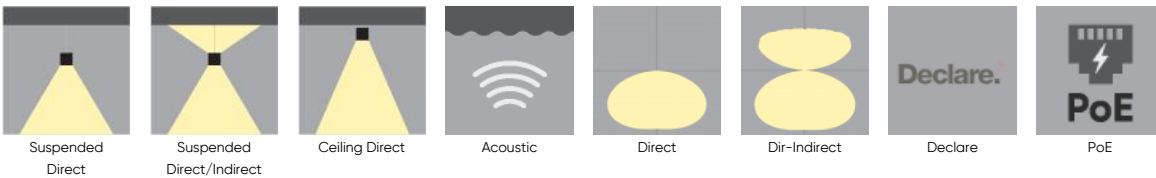


QUANTITIES

### 1 DESCRIPTION

**RING BLADE** reimagines the iconic circle, presenting a luminaire that's as razor-sharp in design as it is revolutionary. By slimming the traditional profile to an ultra-modern 3/4" while amplifying light output, it stands as a paragon of contemporary precision. Its crisp form embodies unity and precision, exuding a distinguished presence. This luminaire delivers powerful, even lighting without glare, tailored for both ambiance and task. The ceiling mount options create the illusion of being recessed, offering a seamless integration with the ceiling, as though they are a natural extension of the architecture itself. Whether standing solo or grouped in audacious arrays, **RING BLADE** transforms spaces with bold luminosity and dynamic form, redefining the circle's role in the lexicon of modern design.

### 2 OPTICS & FEATURES



### 3 APPROVALS



### 4 GENERAL SPECIFICATION

#### BODY AND TRIM

Steel and aluminum.

#### FINISH

Powder coated.

## SUSPENSION

P.O.S. Power over suspension cable.

## REMOTE EMERGENCY SYSTEM

Emergency option provides a 1.5 hour (3 hours for EU) emergency lighting facility. The remote system includes the inverter module, NiCad batteries and a remote wall/ceiling LED charge indicator and test switch (NA only) Maximum distance between wall/ceiling plate and luminaire is 15' (4.5m). Test switch fits a single gang box (not supplied).

## DRIVERS

Remote, HPF electronic drivers for 120-277V (EU-240V) dimming. Wire size 18 AWG - max distance (from fixture to drivers) 40' (12.2m), wire size 16 AWG - max distance 60' (18.3m), wire size 14 AWG - max distance 90' (27.4m). Drivers must be accessible after installation. Drivers are either remote mounted or integral to the canopy. For longer remote distances, consult factory.

## ACOUSTIC PANELS FIRE RATING

ASTM E84-2018 Class A.

## ACOUSTIC PANELS THICKNESS

12mm (0.5")

## POE

Ring can integrate into your data network via Power over Ethernet (PoE) connectivity.

## DELIVERED LUMENS

Delivered lumens & LPW based on 4000K (min 90 CRI).

## APPROVALS

Damp Location (Indoor use only).

## SEISMIC BRACING

Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

## DESIGN

US Pat. No. D1,082,099

## LENS

Optical grade clear polymethyl methacrylate.

## REMOTE MOUNTING OF DRIVERS

Wire Size (max distance from canopy to drivers) 18 AWG - 9.5' (2.9m), 16 AWG - 19.5' (5.9m), 14 AWG - 29.5' (9.0m). Drivers must be accessible after installation.

## ACOUSTIC PANELS NRC RATING

0.80

## ACOUSTIC PANELS MATERIAL

100% recycled polyester fiber (PET).

## EFFICACY

100 LPW for direct only, 113 LPW for the direct-indirect.

## MECHANICAL

Luminaires mount directly over J box (by others - North America only).

## REPORTED L70 @25°C(77°F)

> 50,000 hrs.

## DESIGN

US Design Patent Pending.

## ACOUSTIC PANEL MAINTENANCE

Durable and easy to maintain. Dust regularly and clean marks with mild detergent, rinse, and blot.

**5 DESIGN OPTIONS**

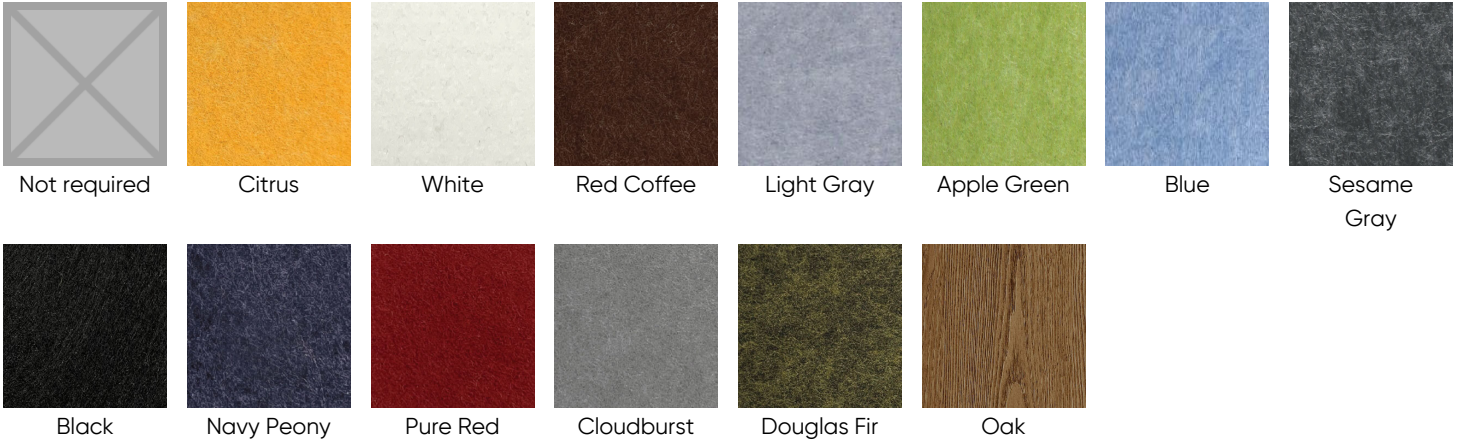
**FIXTURE FINISH**

							
White	Black Metallic - Textured	Silver Metallic - Textured	Gold Metallic - Textured	Midnight Blue Metallic - Textured	Copper Metallic	Charcoal Metallic - Textured	Bronze Metallic - Textured
							
Champagne Metallic	Red Metallic - Textured						

**CANOPY FINISH**

Not required							
	White	Black Metallic - Textured	Silver Metallic - Textured	Gold Metallic - Textured	Midnight Blue Metallic - Textured	Copper Metallic	Charcoal Metallic - Textured
							
Bronze Metallic - Textured	Champagne Metallic	Red Metallic - Textured					

**ACOUSTIC PANEL FINISH**



Acoustic panels 48" and larger will include a visible seam. For accompanying non-illuminating acoustic panels, see our Acoustic Circles, Quads, Triangles, and Ellipse spec pages. Other finishes available. Contact factory.

**6 HOW TO ORDER**

**1. LUMINAIRE TYPE**

RBDP Pendant

**2. DIAMETER**

**SL03** 3ft, 9700 lms

**SL04** 4ft, 13000 lms

**SL05** 5ft, 16400 lms

**SL06** 6ft, 19700 lms

**3. DISTRIBUTION**

**DR1** Direct 100%

**DR2** Direct 54% / Indirect 46%

Single circuit only. Dual circuit not supported.

**4. LM/FT**

**LPF040** 400 lm/ft <sup>1</sup>

**LPF060** 600 lm/ft <sup>1 2 3</sup>

**LPF080** 800 lm/ft <sup>1 2 4</sup>

**LPF100** 1000 lm/ft <sup>2 5</sup>

<sup>1</sup> Available with DR1 (Direct only). <sup>2</sup> Available with DR2 (Direct/Indirect). <sup>3</sup> Based on 60% of total output (for DR2).

<sup>4</sup> Based on 80% of total output (for DR2). <sup>5</sup> 100% of total output (for DR2).

**5. CRI**

**CR90** CRI 90+

## 6. CCT

**CTA27** 2700K

**CTA30** 3000K

**CTA35** 3500K

**CTA40** 4000K

## 7. VOLTAGE

**V1** 120/277V

**V2** 240V <sup>1</sup>

**V3** 347V <sup>2</sup>

**V4** Low Voltage <sup>3</sup>

<sup>1</sup> V2 not available in North America. <sup>2</sup> V3 available with DA01 dimming only. <sup>3</sup> V4 available with DA45 dimming only.

## 8. DIMMING (REMOTE)

**DA01** 0–10V Dimming 1.0%

**DA02** 0–10V Dimming 0.1% <sup>1</sup>

**DA20** DALI Dimming 0.1% <sup>1</sup>

**DA21** DALI Dimming 1.0% <sup>1</sup>

**DA30** DSI/switchDim <sup>1 2</sup>

**DA45** PoE <sup>3</sup>

<sup>1</sup> Not available with V3 or V4. <sup>2</sup> DA30 not available in North America. <sup>3</sup> DA45 used V4 only.

## 9. SUSPENSION

**SS0** Not required

**SS6** POS, Vertical, Remote driver

**SS7** POS, Hub, Remote driver <sup>1</sup>

**SS9** POS, Hub, Driver Integral to Canopy <sup>1 2</sup>

<sup>1</sup> Available with V1 (120V) only. The minimum suspension height relative to diameter is as follows: 3' = 18", 4' = 24", 5' = 30", 6' = 36".

<sup>2</sup> Available with V1 (120V) only.

## 10. FIXTURE FINISH

**FA01** White

**FA02** Black Metallic – Textured

**FA20** Silver Metallic – Textured

**FA25** Gold Metallic – Textured

**FA44** Midnight Blue Metallic – Textured

**FA45** Copper Metallic

**FA46** Charcoal Metallic – Textured

**FA47** Bronze Metallic – Textured

**FA52** Champagne Metallic

**FA53** Red Metallic – Textured

## 11. CANOPY FINISH

**CF00** Not required

**CF01** White

**CF02** Black Metallic – Textured

**CF20** Silver Metallic – Textured

**CF25** Gold Metallic – Textured

**CF44** Midnight Blue Metallic – Textured

**CF45** Copper Metallic

**CF46** Charcoal Metallic – Textured

**CF47** Bronze Metallic – Textured

**CF52** Champagne Metallic

**CF53** Red Metallic – Textured

## 12. ACOUSTIC PANEL COLOR

<b>AP00</b> Not required	<b>AP02</b> Citrus	<b>AP04</b> White	<b>AP08</b> Red Coffee
<b>AP11</b> Light Gray	<b>AP13</b> Apple Green	<b>AP22</b> Blue	<b>AP26</b> Sesame Gray
<b>AP27</b> Black	<b>AP47</b> Navy Peony	<b>AP60</b> Pure Red	<b>AP73</b> Cloudburst
<b>AP89</b> Douglas Fir	<b>APW01</b> Oak		

Acoustic panels 48" and larger will include a visible seam. For accompanying non-illuminating acoustic panels, see our Acoustic Circles, Quads, Triangles, and Ellipse spec pages. Other finishes available. Contact factory.

## 13. EMERGENCY

<b>E0</b> Not required	<b>E2</b> Emergency system – Remote <sup>1</sup>
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<sup>1</sup> Not available in Integral or with 347V. Consult factory.

## 7 PERFORMANCE DATA

<b>SL03-DR1</b> Direct				<b>SL03-DR2</b> Dir-Ind			
	Lumens	Watts	LPW		Lumens	Watts	LPW
LPF040	3800	36	108	LPF060	5900	49	120
LPF060	5600	55	103	LPF080	7800	67	116
LPF080	7600	76	100	LPF100	9700	86	113

<b>SL04-DR1</b> Direct				<b>SL04-DR2</b> Dir-Ind			
	Lumens	Watts	LPW		Lumens	Watts	LPW
LPF040	5100	48	108	LPF060	7900	66	120
LPF060	7500	73	103	LPF080	10500	90	116
LPF080	10200	102	100	LPF100	13000	115	113

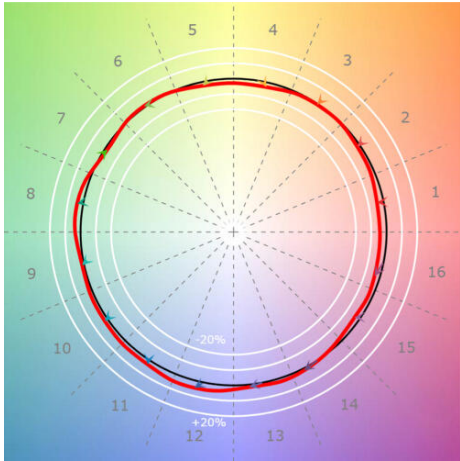
<b>SL05-DR1</b> Direct				<b>SL05-DR2</b> Dir-Ind			
	Lumens	Watts	LPW		Lumens	Watts	LPW
LPF040	6500	60	108	LPF060	10000	84	120
LPF060	9500	92	103	LPF080	13200	114	116
LPF080	12900	129	100	LPF100	16400	145	113

<b>SL06-DR1</b> Direct				<b>SL06-DR2</b> Dir-Ind			
	Lumens	Watts	LPW		Lumens	Watts	LPW
LPF040	7800	72	108	LPF060	12000	100	120
LPF060	11400	111	103	LPF080	15900	137	116
LPF080	15400	154	100	LPF100	19700	174	113

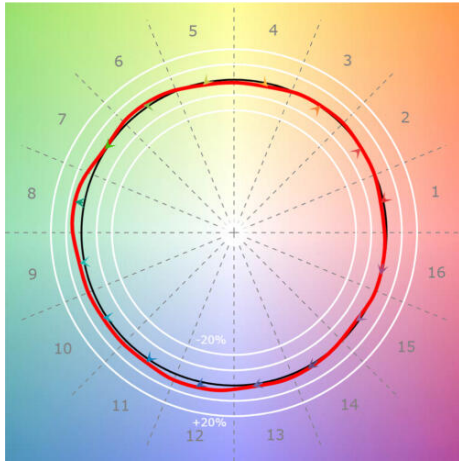
8 TM-30 DATA

**CCT 2700K**



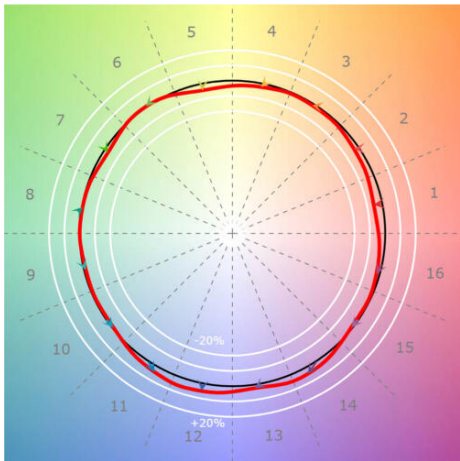
<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	58
<b>TM30(Rf)</b>	93
<b>TM30(Rg)</b>	99
<b>Duv</b>	0.0004

**CCT 3000K**



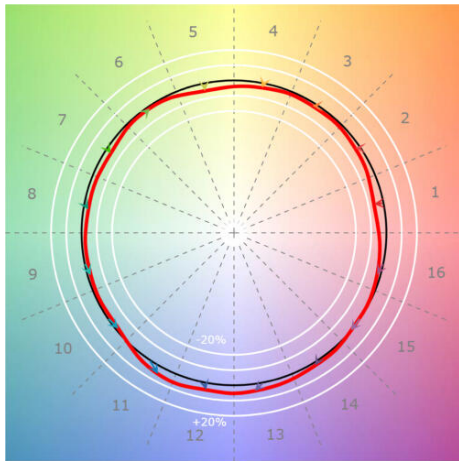
<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	75
<b>TM30(Rf)</b>	93
<b>TM30(Rg)</b>	102
<b>Duv</b>	-0.0001

**CCT 3500K**



<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	53
<b>TM30(Rf)</b>	91
<b>TM30(Rg)</b>	98
<b>Duv</b>	0.0009

**CCT 4000K**



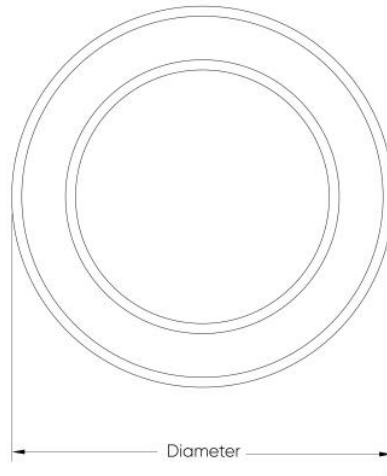
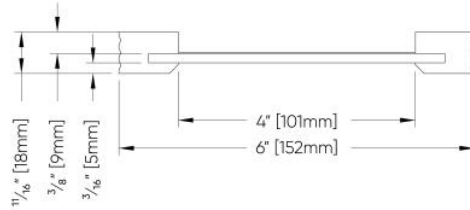
<b>CRI(Ra)</b>	92
<b>CRI(R9)</b>	50
<b>TM30(Rf)</b>	89
<b>TM30(Rg)</b>	97
<b>Duv</b>	0.0011

**9 DIMENSIONAL DIAGRAMS**

**DISTANCE TO CEILING SURFACE MOUNT**

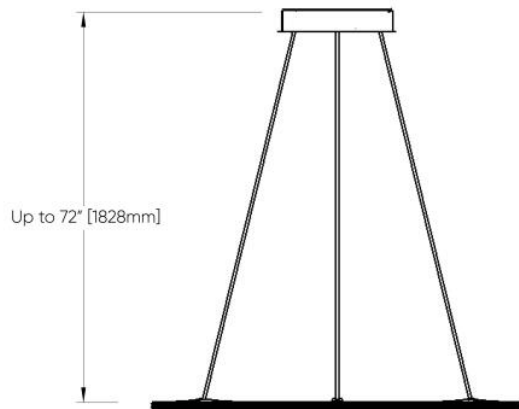


**CROSS SECTION**

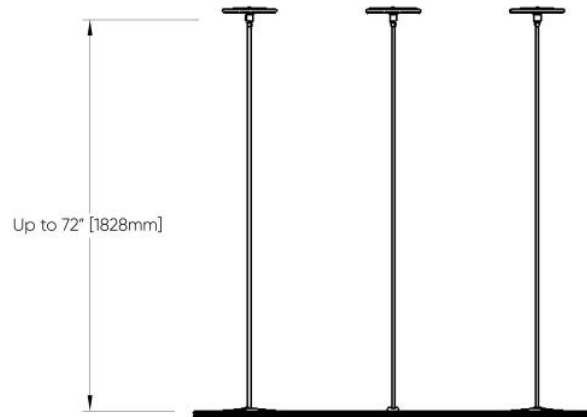


Diameter	Minimum Suspension Height
3ft [914mm]	15" [381mm]
4ft [1219mm]	20" [508mm]
5ft [1524mm]	25" [635mm]
6ft [1828mm]	35" [889mm]

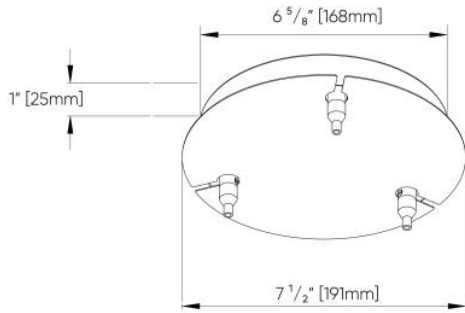
**Distance to ceiling  
Hub Mount**



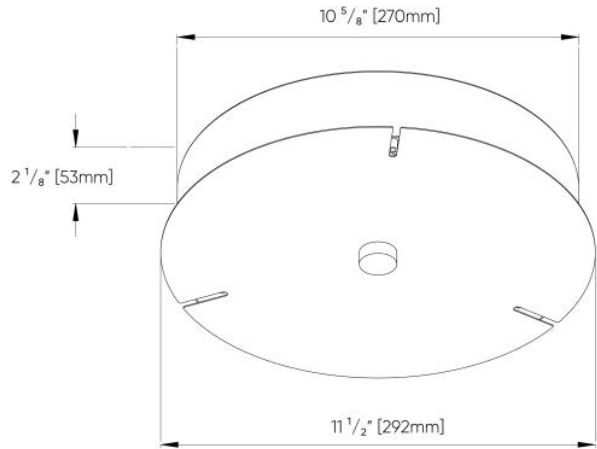
**Distance to ceiling  
Vertical Mount**



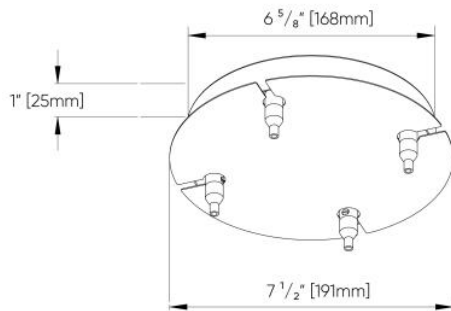
POS, Hub, Remote driver (SS7)  
(Diameter: 3ft, 4ft)



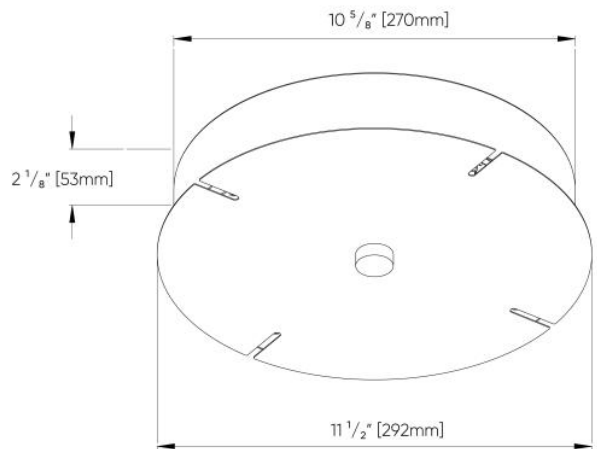
POS, Hub, Driver Integral to Canopy (SS9)  
(Diameter: 3ft, 4ft)



POS, Hub, Remote driver (SS7)  
(Diameter: 5ft, 6ft)



POS, Hub, Driver Integral to Canopy (SS9)  
(Diameter: 5ft, 6ft)



POS, Vertical, Remote driver (SS6)  
(Diameter: 3ft, 4ft, 5ft, 6ft)

