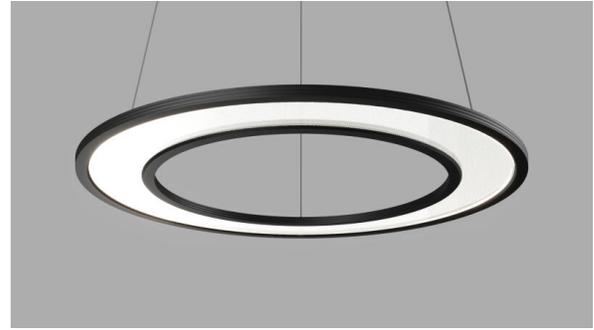


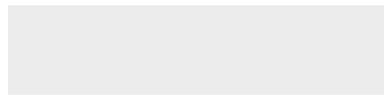


# RING BLADE™

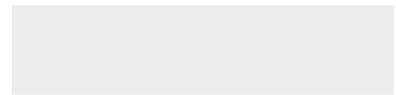
## FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

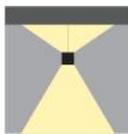
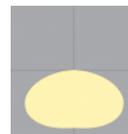


QUANTITIES

### 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

							
Suspended Direct	Suspended Direct/Indirect	Ceiling Direct	Acoustic	Direct	Dir-Indirect	Declare	PoE

### 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

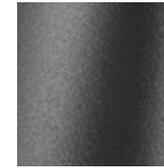
US Design Patent Pending.

## ACOUSTIC PANEL MAINTENANCE

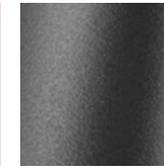
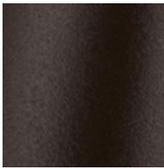
Durable and easy to maintain. Dust regularly and clean marks with mild detergent, rinse, and blot.

**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>Lumens</b>	<b>Watts</b>	<b>LPW</b>	<b>SL03-DR2</b> Dir-Ind	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>
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>Lumens</b>	<b>Watts</b>	<b>LPW</b>	<b>SL04-DR2</b> Dir-Ind	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>
LPF040	5100	48	108	LPF060	7900	66	120
LPF060	7500	73	103	LPF080	10500	90	116
LPF080	10200	102	100	LPF100	13000	115	113

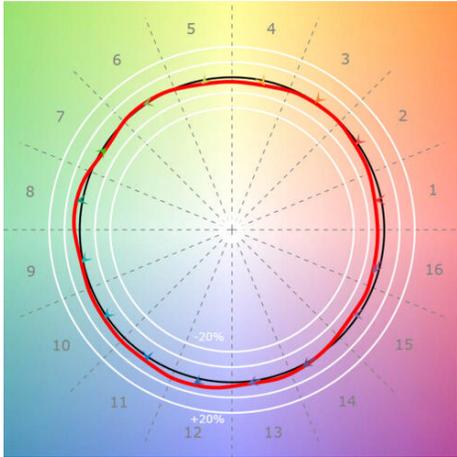
<b>SL05-DR1</b> Direct	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>	<b>SL05-DR2</b> Dir-Ind	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>
LPF040	6500	60	108	LPF060	10000	84	120
LPF060	9500	92	103	LPF080	13200	114	116
LPF080	12900	129	100	LPF100	16400	145	113

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

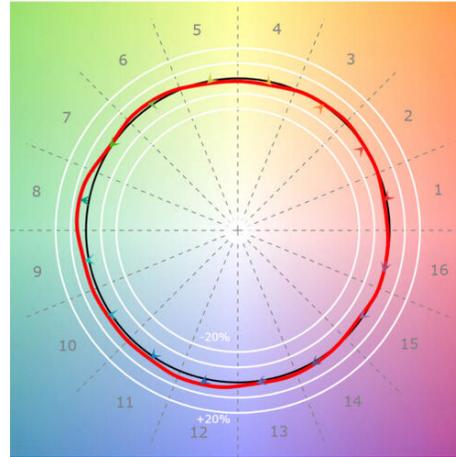
8 TM-30 DATA

**CCT 2700K**



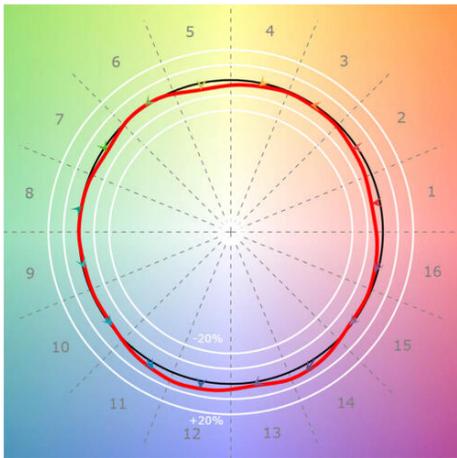
<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	58
<b>TM30(Rf)</b>	93
<b>TM30(Rg)</b>	99
<b>Duv</b>	0.0004

**CCT 3000K**



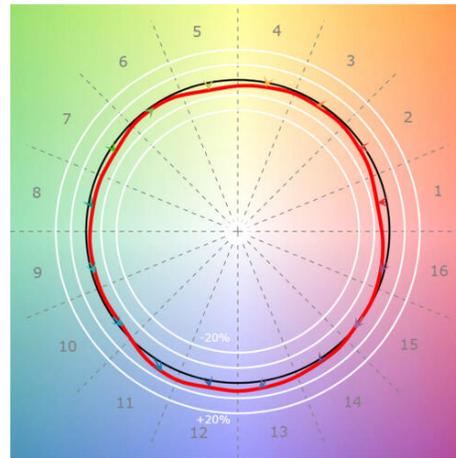
<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	75
<b>TM30(Rf)</b>	93
<b>TM30(Rg)</b>	102
<b>Duv</b>	-0.0001

**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**



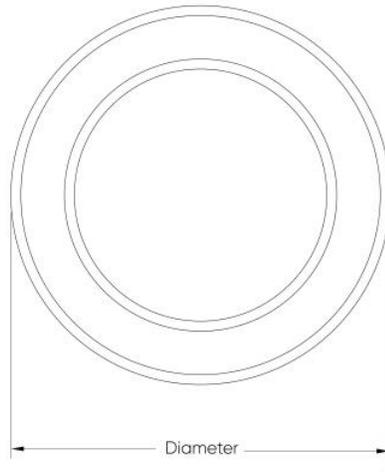
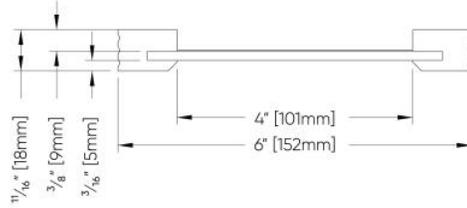
<b>CRI(Ra)</b>	92
<b>CRI(R9)</b>	50
<b>TM30(Rf)</b>	89
<b>TM30(Rg)</b>	97
<b>Duv</b>	0.0011

**9 DIMENSIONAL DIAGRAMS**

**DISTANCE TO CEILING SURFACE MOUNT**

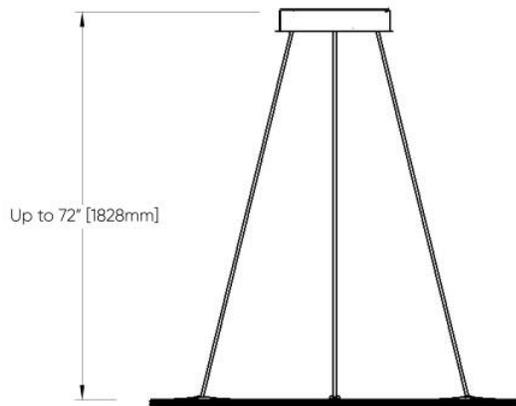


**CROSS SECTION**



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

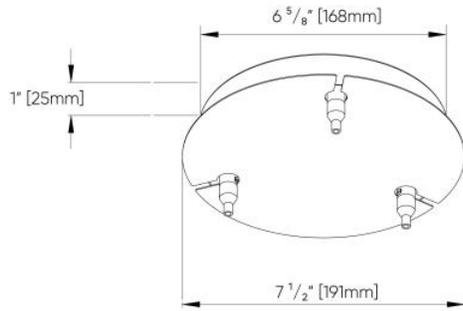
**Distance to ceiling  
Hub Mount**



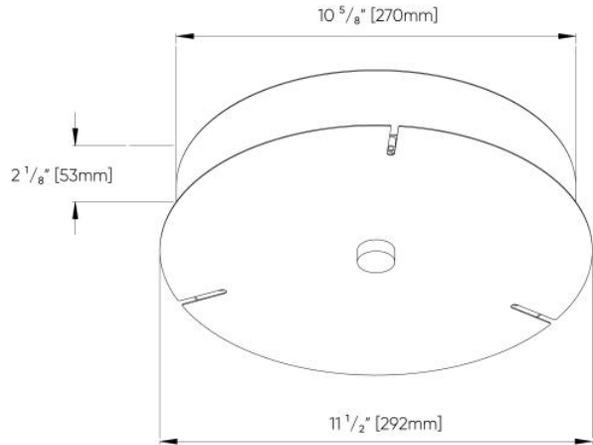
**Distance to ceiling  
Vertical Mount**



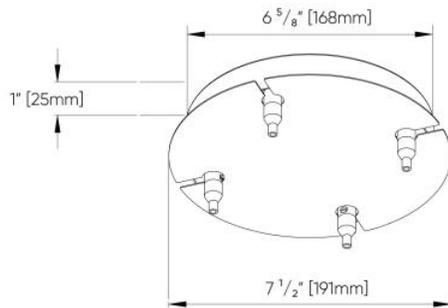
POS, Hub, Remote driver (SS7)  
(Diameter: 3ft, 4ft)



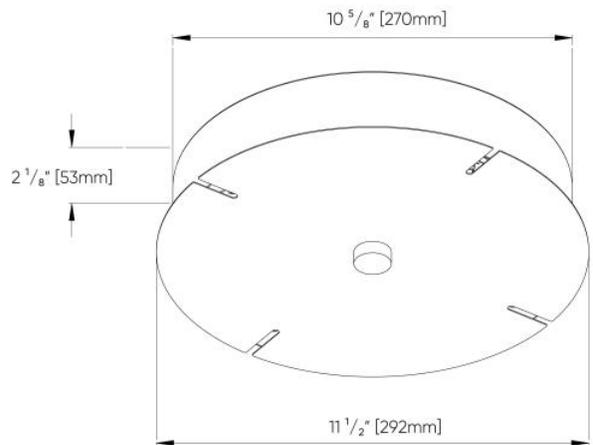
POS, Hub, Driver Integral to Canopy (SS9)  
(Diameter: 3ft, 4ft)



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)

