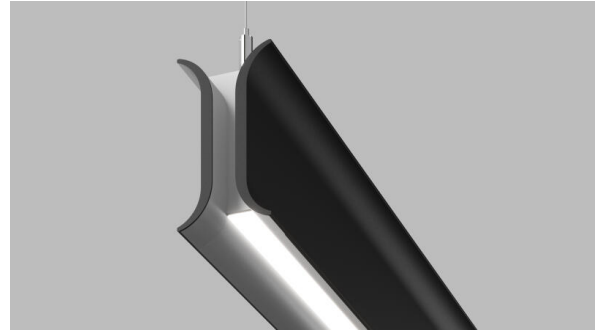




# MICRO FLARE™

## FULL SPECIFICATION SHEET



Fixture Type

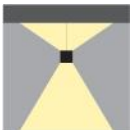
Fixture Code

Quantities

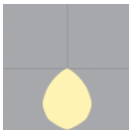
### 1 DESCRIPTION

**MICRO FLARE** is about elegance and allure. Two splayed panels reveal an inner trim that creates the perception of a duplex material. The regressed end cap adds a fourth dimension to the seriffed profile and draws out the inner finish as a color accent. **MICRO FLARE** is perfect for interiors that call for textures and duotones. With a UGR <19, the LEDs are perfectly pitched to optimize light performance and visual light diffusion so that the inner trim is accentuated, not washed out. **MICRO FLARE** is a stylish expression of the performance light concept suitable for projects where aesthetics and function go hand in hand.

### 2 OPTICS & FEATURES



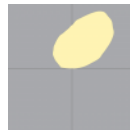
Suspended  
Direct/Indirect



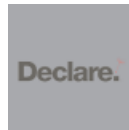
Direct DD3



Indirect UD1



Indirect UD3



Declare



PoE

### 3 APPROVALS



4 GENERAL SPECIFICATION

**BODY**

Aluminum.

**FINISH**

Powder coated.

**SUSPENSION**

Steel cables.

**POWER CABLE**

Silver braided.

**POE**

Can be integrated into your data network via Power over Ethernet (PoE) connectivity.

**DRIVERS**

HPF electronic drivers for 120-277V, 347 (EU-240V). The driver is integral to the fixture housing.

**UGR**

Unified Glare Rating <19

**MECHANICAL**

Luminaires mount directly over J box (by others).

**LENS**

Opal acrylic.

**INTEGRAL EMERGENCY SYSTEM**

Emergency option provides a 1.5 hour (3 hours for EU) emergency lighting facility. The self contained system includes the inverter module, NiCad batteries, LED charge indicator and test switch (NA only). Not available with a 347V supply.

**REPORTED L70 @25°C (77°F)**

> 60,000 hrs @ 1800 lumens/ft (5900 lumens/m)

**Estimated L70 @25°C (77°F)**

> 165,000 hrs @ 1800 lumens/ft (5900 lumens/m)

**SENSORS**

Compatible with Avi-On, Casambi, Enlighted, Lutron Vive, nLight, NX Lighting Controls, Osram, Philips, and others. Consult factory.

**DELIVERED LUMENS**

Delivered lumens & LPW based on 4000K CRI 90+

**APPROVALS**

Damp Rated.

**DESIGNED BY**

Serge Cornelissen.

**DESIGN**

US Design Patent Pending.

**SEISMIC BRACING**

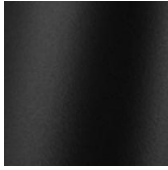
Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

## 5 DESIGN OPTIONS

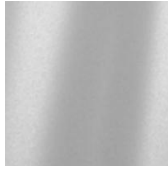
### FIXTURE FINISH



White -  
Textured



Black  
Metallic -  
Textured



Silver  
Metallic -  
Textured

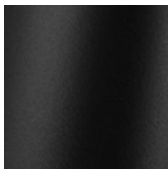


Red Metallic  
Textured

### INSIDE PANEL FINISH



White



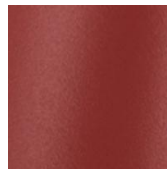
Black  
Metallic -  
Textured



Silver  
Metallic -  
Textured



Gold Metallic  
- Textured

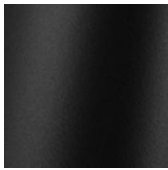


Red Metallic  
- Textured

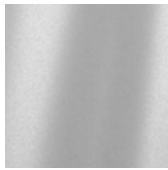
### CANOPY FINISH



White



Black  
Metallic -  
Textured



Silver  
Metallic -  
Textured



Red Metallic  
Textured

## 6 HOW TO ORDER

### 1. LUMINAIRE

**MFLR1P** Direct

**MFLR2P** Direct/Indirect

All data based on max values, consult Performance Data download for more details.  
One power cord for every 50 linear feet.

## 2. LENGTH OF RUN

Order in 2ft increments starting at 4ft

SFA\_ \_ \_ \_

Order in 2ft increments starting at 4ft

## 3. MAX LENGTH PER SECTION

<b>SL04</b> 4ft	<b>SL06</b> 6ft	<b>SL08</b> 8ft	<b>SL10</b> 10ft
<b>SL12</b> 12ft			

You can select the preferred maximum length per segment, to account for transportation and building constraints. Example: If a 40ft run is required and SL12 (3658mm) is selected, we would provide 4 3048mm segments. For special requirements, please contact [sales@betacalco.com](mailto:sales@betacalco.com).

\* Total length = length of run + 2.35in

## 4. LM/FT (DIRECT)

<b>LPF010</b> 100 lm/ft	<b>LPF020</b> 200 lm/ft	<b>LPF030</b> 300 lm/ft	<b>LPF040</b> 400 lm/ft
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## 5. LM/FT (INDIRECT)

<b>LPG000</b> Not required	<b>LPG020</b> 200 lm/ft	<b>LPG040</b> 400 lm/ft	<b>LPG060</b> 600 lm/ft
<b>LPG080</b> 800 lm/ft	<b>LPG100</b> 1000 lm/ft	<b>LPG120</b> 1200 lm/ft	<b>LPG140</b> 1400 lm/ft

## 6. CRI

**CR90** CRI 90+

## 7. CCT

<b>CTA27</b> 2700K	<b>CTA30</b> 3000K	<b>CTA35</b> 3500K	<b>CTA40</b> 4000K
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## 8. DIRECT LENS

**DD3** Diffused Light

## 9. INDIRECT LENS

<b>UD0</b> Not required	<b>UD1</b> Clear (Batwing distribution)	<b>UD3</b> Asymmetric <sup>1</sup>
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<sup>1</sup> Available up to 1000 lms/ft.

## 10. INDIRECT BLACKOUT PLATE

**UB00** Not required      **UB\_ \_** Blackout plate <sup>1</sup>

<sup>1</sup> Available on a per foot basis. May be required to prevent lighting up of duct work in loft style applications.

## 11. VOLTAGE

**V1** 120/277V      **V2** 240V <sup>1</sup>      **V3** 347V <sup>2</sup>      **V4** Low Voltage <sup>3</sup>

<sup>1</sup> Not available in North America.

<sup>2</sup> Only available with DA01 dimming.

<sup>3</sup> Only available with DA45 dimming.

## 12. DIMMING

**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>2</sup>      **DA45** PoE <sup>3</sup>

<sup>1</sup> Not available with V3.

<sup>2</sup> Not available in North America.

<sup>3</sup> Only available with V4.

## 13. CEILING TYPE

**G1** Grid ceiling <sup>1</sup>      **H1** Hard ceiling <sup>2</sup>

<sup>1</sup> Combo kit includes installation to T-bar and through tile mount.

<sup>2</sup> Designed for drywall ceilings.

## 14. SUSPENSION

**HLA03** 3ft cable suspension      **HLA06** 6ft cable suspension      **HLA09** 9ft cable suspension

## 15. FIXTURE FINISH

**FA01** White – Textured      **FA02** Black Metallic – Textured      **FA20** Silver Metallic – Textured      **FA53** Red Metallic Textured

## 16. INSIDE TRIM FINISH

**FB01** White      **FB02** Black Metallic – Textured      **FB20** Silver Metallic – Textured      **FB25** Gold Metallic – Textured  
**FB53** Red Metallic – Textured

## 17. CANOPY FINISH

**CF01** White      **CF02** Black Metallic – Textured      **CF20** Silver Metallic – Textured      **CF53** Red Metallic Textured

## 18. EMERGENCY

**E0** Not required      **E2** Emergency system – Remote <sup>1</sup> **E3** Emergency generated circuit <sup>2</sup>

<sup>1</sup> Only available with 0-10V 1% dimming. An extra power cord will be supplied to each section of the fixture when ordering emergency.

<sup>2</sup> Available upon request, consult factory for details. Not available with 347V.

## 19. CIRCUITS

**CS1** Single circuit      **CS2** Dual circuit <sup>1</sup>

## 20. SENSORS

Compatible with Avi-On, Casambi, Enlighted, Lutron Vive, nLight, NX Lighting Controls, Osram, Philips, and others. Consult factory.

## 7 TECHNICAL DATA

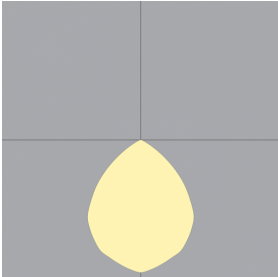
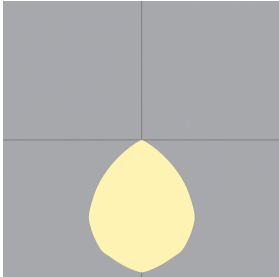
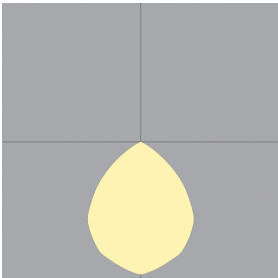
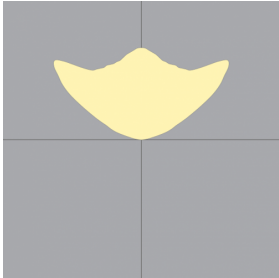
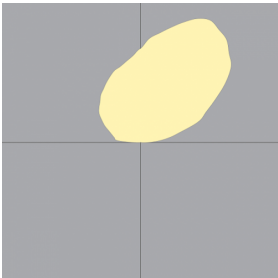
### LUMINAIRE

All data based on max values, consult Performance Data download for more details.

One power cord for every 50 linear feet.

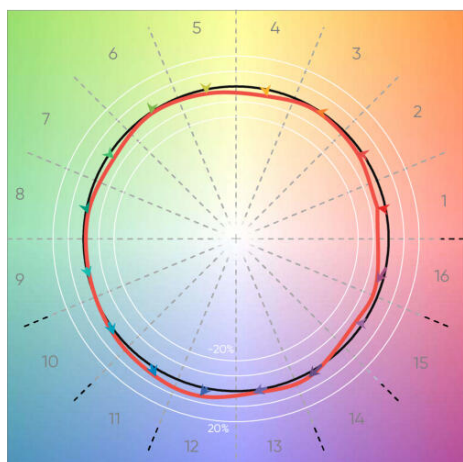
Code	MFLR1P	MFLR2P
<b>Light Direction</b>	Direct	Direct/Indirect
<b>Lms/Ft Direct</b>	400	400
<b>Lms/ft Indirect</b>		1400
<b>Watts/Ft Direct</b>	5	5
<b>Watts/Ft Indirect</b>		12
<b>LPW Direct</b>	109	109
<b>LPW Indirect</b>		144

8
PERFORMANCE DATA

INSIDE PANEL DIRECT (WHITE/SILVER METALLIC TEXTURED)	LUMEN/FT	WATT/FT	LPW	INSIDE PANEL DIRECT (BLACK METALLIC TEXTURED)	LUMEN/FT	WATT/FT	LPW
	400 300 200 100	5 4 2 1	94 97 101 109		400 300 200 100	5 4 2 1	82 84 87 94
INSIDE PANEL DIRECT (GOLD METALLIC/RED METALLIC TEXTURED)	LUMEN/FT	WATT/FT	LPW	INDIRECT BATWING (UD1)	LUMEN/FT	WATT/FT	LPW
	400 300 200 100	5 4 2 1	89 91 95 103		1400 1200 1000 800 600 400 200	12 10 8 6 5 3 2	116 119 122 127 131 137 144
INDIRECT ASYMMETRIC (UD3)	LUMEN/FT	WATT/FT	LPW				
	1000 800 600 400 200	12 10 6 5 2	82 85 89 92 96				

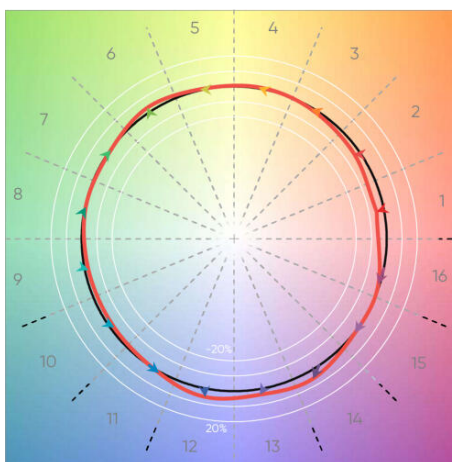
9 TM-30 DATA

CCT 2700K



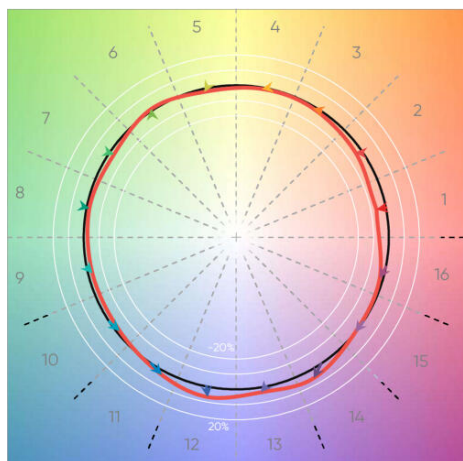
<b>CRI(Ra)</b>	93
<b>CRI(R9)</b>	61
<b>TM30(Rf)</b>	91
<b>TM30(Rg)</b>	98
<b>Duv</b>	-0.0022

CCT 3000K



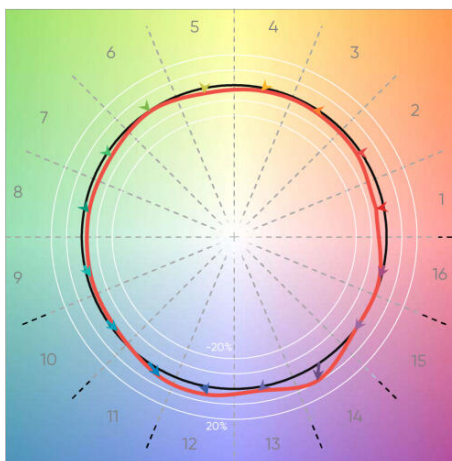
<b>CRI(Ra)</b>	92
<b>CRI(R9)</b>	58
<b>TM30(Rf)</b>	92
<b>TM30(Rg)</b>	100
<b>Duv</b>	-0.0003

CCT 3500K



<b>CRI(Ra)</b>	91
<b>CRI(R9)</b>	53
<b>TM30(Rf)</b>	90
<b>TM30(Rg)</b>	99
<b>Duv</b>	-0.0007

CCT 4000K



<b>CRI(Ra)</b>	93
<b>CRI(R9)</b>	64
<b>TM30(Rf)</b>	90
<b>TM30(Rg)</b>	98
<b>Duv</b>	0.0000



10 DIMENSIONAL DIAGRAMS

