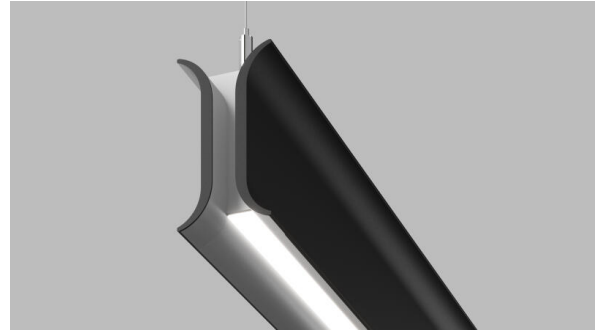




MICRO FLARE™

FULL SPECIFICATION SHEET



Fixture Type

Fixture Code

Quantities

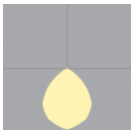
1 DESCRIPTION

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.

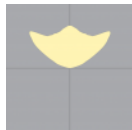
2 OPTICS & FEATURES



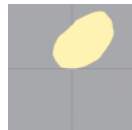
Suspended
Direct/Indirect



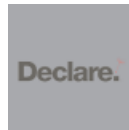
Direct DD3



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).

DIFFUSER

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)

SENSORS

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

Estimated L70 @25°C (77°F)

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

DELIVERED LUMENS

Delivered lumens & LPW based on 4000K CRI 90+

APPROVALS

Damp Rated.

DESIGNED BY

Serge Cornelissen.

DESIGN

US Design Patent Pending.

SEISMIC BRACING

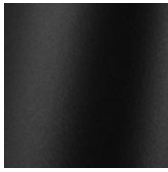
Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

5 DESIGN OPTIONS

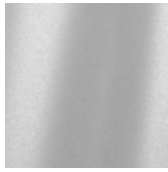
FIXTURE FINISH



White -
Textured



Black
Metallic -
Textured



Silver
Metallic -
Textured

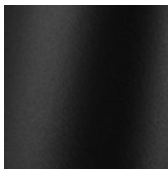


Red Metallic
Textured

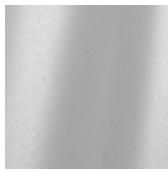
INSIDE PANEL FINISH



White



Black
Metallic -
Textured



Silver
Metallic -
Textured



Gold Metallic
- Textured

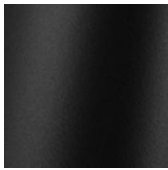


Red Metallic
- Textured

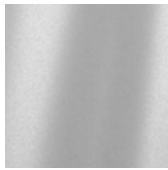
CANOPY FINISH



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

SL04 4ft	SL06 6ft	SL08 8ft	SL10 10ft
SL12 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.

* Total length = length of run + 2.35in

4. LM/FT (DIRECT)

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

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

6. CRI

CR90 CRI 90+

7. CCT

CTA27 2700K	CTA30 3000K	CTA35 3500K	CTA40 4000K
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8. DIRECT DIFFUSER

DD3 Diffused Light Diffuser

9. UPLIGHT DIFFUSER

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

10. UPLIGHT BLACKOUT PLATE

UB00 Not required **UB_ _** Blackout plate ¹

¹ 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 ¹ **V3** 347V ² **V4** Low Voltage ³

¹ Not available in North America.

² Only available with DA01 dimming.

³ Only available with DA45 dimming.

12. DIMMING

DA01 0–10V Dimming 1.0% **DA02** 0–10V Dimming 0.1% ¹ **DA20** DALI Dimming 0.1% ¹ **DA21** DALI Dimming 1.0% ¹
DA30 DSI/switchDim ² **DA45** PoE ³

¹ Not available with V3.

² Not available in North America.

³ Only available with V4.

13. CEILING TYPE

G1 Grid ceiling ¹ **H1** Hard ceiling ²

¹ Combo kit includes installation to T-bar and through tile mount.

² 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 ¹ **E3** Emergency generated circuit ²

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

² Available upon request, consult factory for details. Not available with 347V.

19. CIRCUITS

CS1 Single circuit **CS2** Dual circuit ¹

20. SENSORS

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

7 TECHNICAL DATA

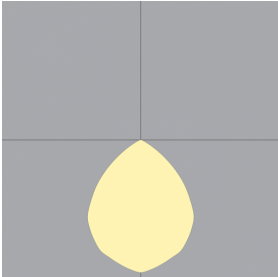
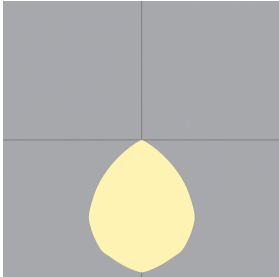
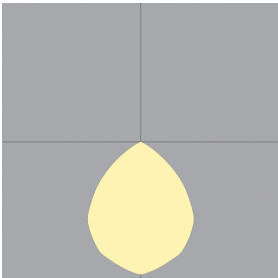
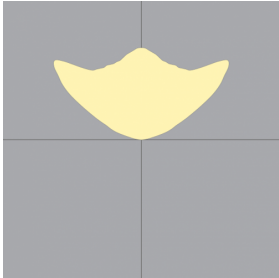
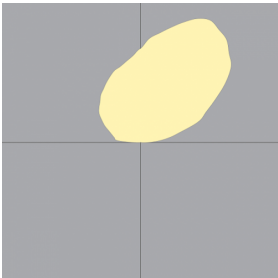
LUMINAIRE

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

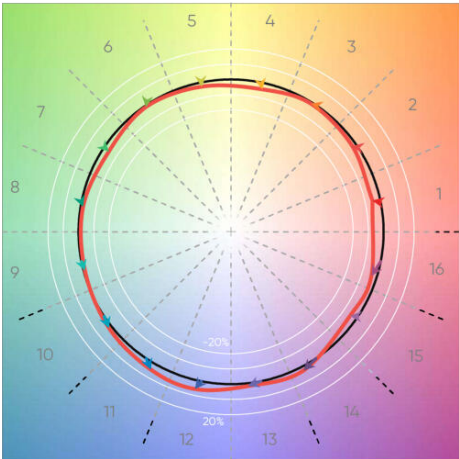
One power cord for every 50 linear feet.

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

8
PERFORMANCE DATA

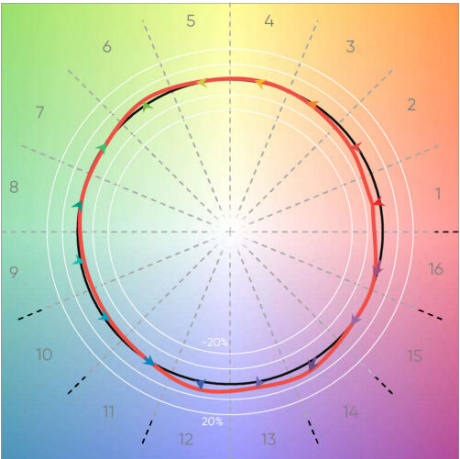
INSIDE PANEL DIRECT (WHITE/SILVER METALLIC TEXTURED)	LUMEN/FT	WATT/FT	LPW	INSIDE PANEL DIRECT (BLACK METALLIC TEXTURED)	LUMEN/FT	WATT/FT	LPW
	400 300 200 100	5 4 2 1	94 97 101 109		400 300 200 100	5 4 2 1	82 84 87 94
INSIDE PANEL DIRECT (GOLD METALLIC/RED METALLIC TEXTURED)	LUMEN/FT	WATT/FT	LPW	INDIRECT 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				

CCT 2700K



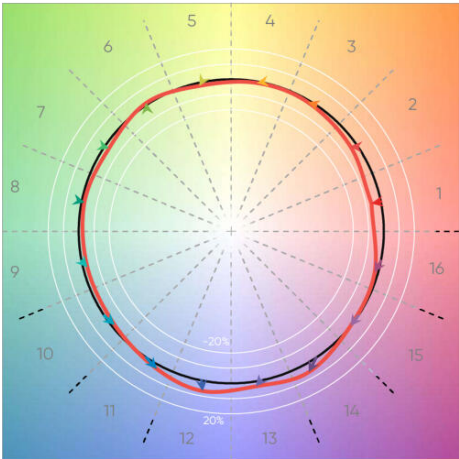
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



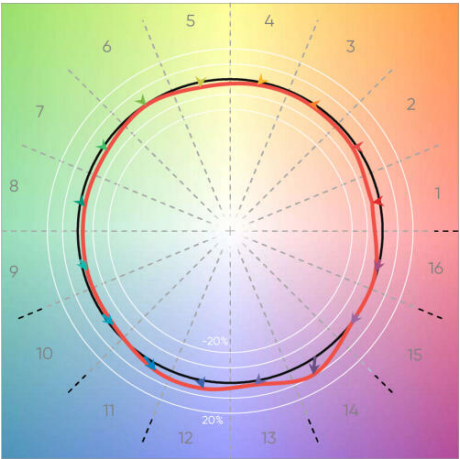
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K



CRI(Ra)	91
CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.0007

CCT 4000K



CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

10 DIMENSIONAL DIAGRAMS

