MICRO FLARE™
FULL SPECIFICATION SHEET
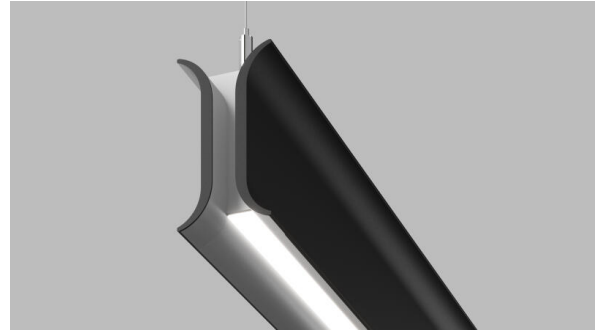
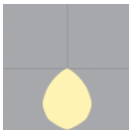| Fixture Type	Fixture Code	Quantities

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.
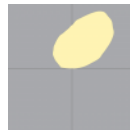
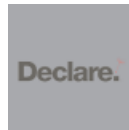## 2   OPTICS & FEATURES
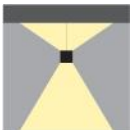
Suspended Direct/Indirect	Direct DD3	Indirect UD1	Indirect UD3	Declare	PoE

3   APPROVALS

c(ETL)us LISTED Intertek   CE   (earth ground symbol)   DAMP LOCATION   ▽F   IP20

4 GENERAL SPECIFICATION

BODY
Aluminum.

SUSPENSION
Steel cables.

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

UGR
Unified Glare Rating <19

DIFFUSER
Opal acrylic.

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)

DELIVERED LUMENS
Delivered lumens & LPW based on 4000K CRI 90+

DESIGNED BY
Serge Cornelissen.

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

FINISH
Powder coated.

POWER CABLE
Silver braided.

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

MECHANICAL
Luminaires mount directly over J box (by others).

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.

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

APPROVALS
Damp Rated.

DESIGN
US Design Patent Pending.

5 DESIGN OPTIONS

FIXTURE FINISH
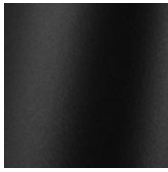
White - Textured	Black Metallic - Textured	Silver Metallic - Textured	Red Metallic Textured
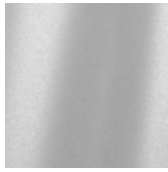
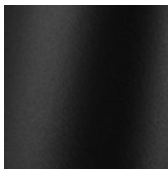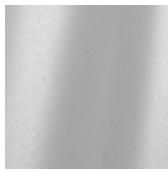### INSIDE PANEL FINISH

White	Black Metallic - Textured	Silver Metallic - Textured	Gold Metallic - Textured	Red Metallic - Textured

CANOPY FINISH
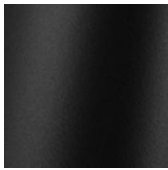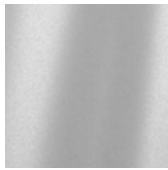
White	Black Metallic - Textured	Silver Metallic - Textured	Red Metallic Textured

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

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

8. DIRECT DIFFUSER

DD3 Diffused Light Diffuser

9. UPLIGHT DIFFUSER

UD0 Not required	**UD1** Clear diffuser (Batwing distribution)	**UD3** Asymmetric diffuser [1]

[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.
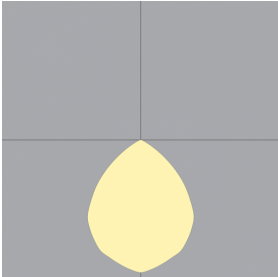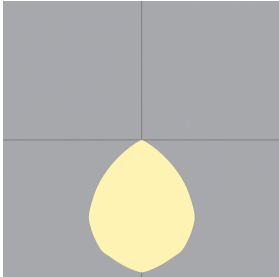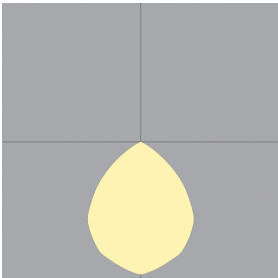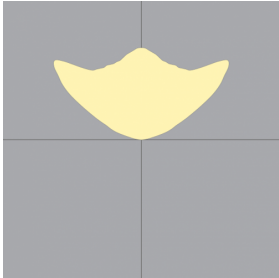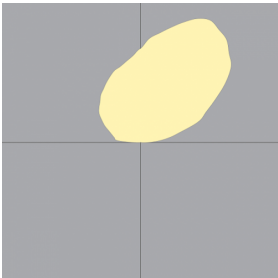
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7   TECHNICAL DATA

LUMINAIRE

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

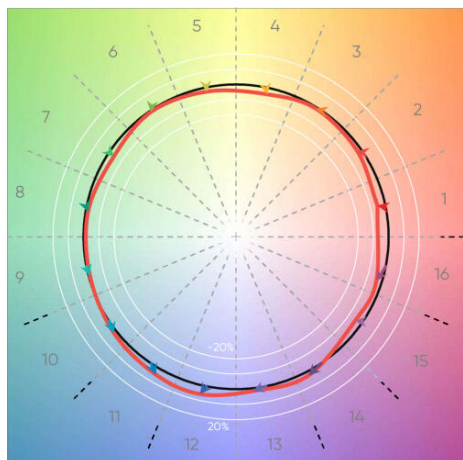| Code	MFLR1P	MFLR2P
Light Direction	Direct	Direct/Indirect
Lms/Ft Direct	400	400
Lms/ft Indirect		1400
Watts/Ft Direct	5	5
Watts/Ft Indirect		12
LPW Direct	109	109
LPW Indirect		144

8   PERFORMANCE DATA

INSIDE PANEL DIRECT (WHITE/SILVER METALLIC TEXTURED)

LUMEN/FT	WATT/FT	LPW
400	5	94
300	4	97
200	2	101
100	1	109

INSIDE PANEL DIRECT (BLACK METALLIC TEXTURED)

LUMEN/FT	WATT/FT	LPW
400	5	82
300	4	84
200	2	87
100	1	94

INSIDE PANEL DIRECT (GOLD METALLIC/RED METALLIC TEXTURED)

LUMEN/FT	WATT/FT	LPW
400	5	89
300	4	91
200	2	95
100	1	103

INDIRECT BATWING (UD1)

LUMEN/FT	WATT/FT	LPW
1400	12	116
1200	10	119
1000	8	122
800	6	127
600	5	131
400	3	137
200	2	144

INDIRECT ASYMMETRIC (UD3)

LUMEN/FT	WATT/FT	LPW
1000	12	82
800	10	85
600	6	89
400	5	92
200	2	96

9   TM-30 DATA

CCT 2700K

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

CCT 3000K
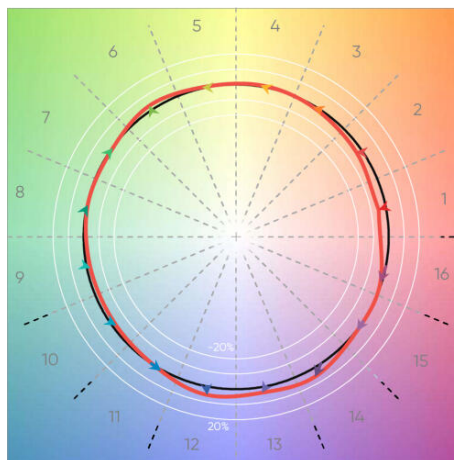
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K
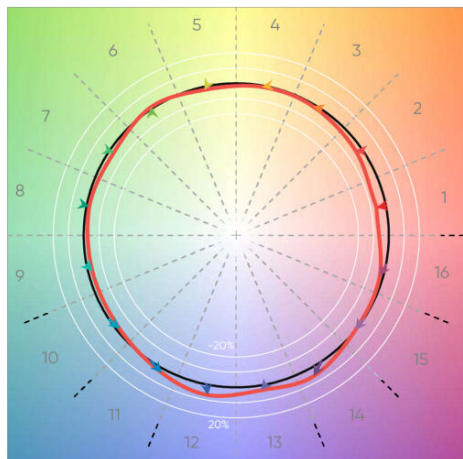
CRI(Ra)	91
CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.0007

CCT 4000K
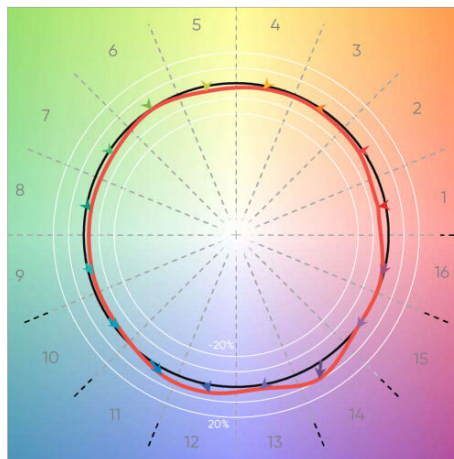
CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

Isometric View
(Uplight)

Isometric View
(Downlight)

Top View (Uplight)

4 ¾" DIA [121mm]

¼" [7mm]

adjustable to
108" [2743mm]

4 ³⁄₈" [111mm]

2 ⁹⁄₁₆" [65mm]

1 ³⁄₁₆" [30mm]

Section Length

1 ³⁄₁₆" [30mm]

Bottom View (Downlight)