

MICRO FLARE™ - CONTINUOUS

Project Name:

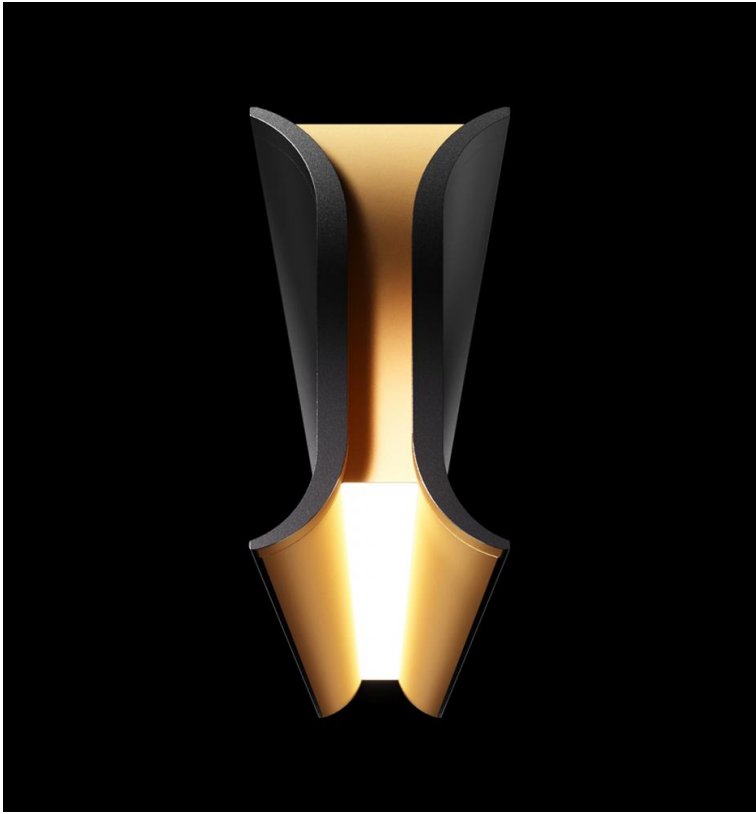
Fixture Type:

Fixture Code:

Quantities:



MICRO FLARE™ - CONTINUOUS



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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.

GENERAL SPECIFICATION

Body

Aluminum.

Suspension

Steel cables.

PoE

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

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.

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.

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+

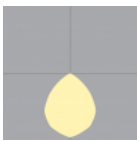
Designed by

Serge Cornelissen.

MOUNTING & OPTICS



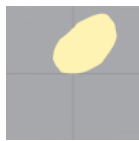
Suspended Direct/Indirect



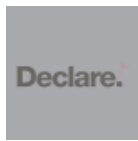
Direct DD3



Indirect UD1



Indirect UD3



Declare



PoE



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HOW TO ORDER

A. 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.

B. LENGTH OF RUN

SFA _ _ _ _

Order in 2ft increments starting at 4ft

C. 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

D. LM/FT (DIRECT)

LPF010 100 lm/ft

LPF020 200 lm/ft

LPF030 300 lm/ft

LPF040 400 lm/ft

E. 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

F. CRI

CR90 CRI 90+

G. CCT

CTA30 3000K

CTA35 3500K

CTA40 4000K

H. DIRECT DIFFUSER

DD3 Diffused Light Diffuser

I. UPLIGHT DIFFUSER

UD0 Not required

UD1 Clear diffuser (Batwing distribution) **UD3** Asymmetric diffuser ¹

¹ Available up to 1000 lms/ft.

J. 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.

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K. VOLTAGE

V1 120/277V

V2 240V¹

V3 347V²

V4 Low Voltage³

¹ Not available in North America.

² Only available with DA01 dimming.

³ Only available with DA45 dimming.

L. 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/switchDim²

DA45 PoE³

¹ Not available with V3.

² Not available in North America.

³ Only available with V4.

M. CEILING TYPE

G1 Grid ceiling¹

H1 Hard ceiling²

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

² Designed for drywall ceilings.

N. SUSPENSION

HLA03 3ft cable suspension

HLA06 6ft cable suspension

HLA09 9ft cable suspension

O. FIXTURE FINISH

FA01 White

FA02 Black Metallic - Textured

FA20 Silver Metallic - Textured

FA53 Red Metallic Textured

P. INSIDE TRIM FINISH

FB01 White

FB02 Black Metallic - Textured

FB20 Silver Metallic - Textured

FB25 Gold Metallic - Textured

FB53 Red Metallic - Textured

Q. CANOPY FINISH

CF01 White

CF02 Black Metallic - Textured

CF20 Silver Metallic - Textured

CF53 Red Metallic Textured

R. EMERGENCY

E0 Not required

E2 Emergency system - Remote¹

E3 Emergency generated circuit²

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.

S. CIRCUITS

CS1 Single circuit

CS2 Dual circuit¹

T. SENSORS

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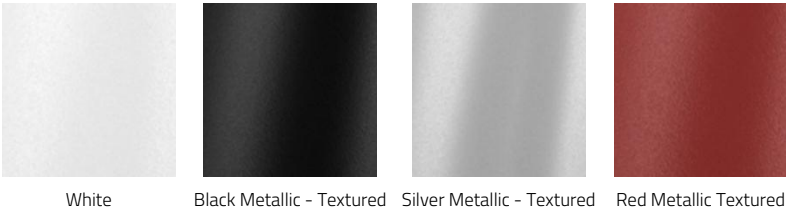
TECHNICAL DATA

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

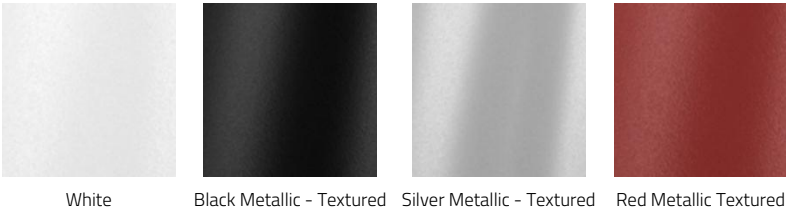
FIXTURE FINISH



INSIDE PANEL FINISH



CANOPY FINISH



APPROVALS



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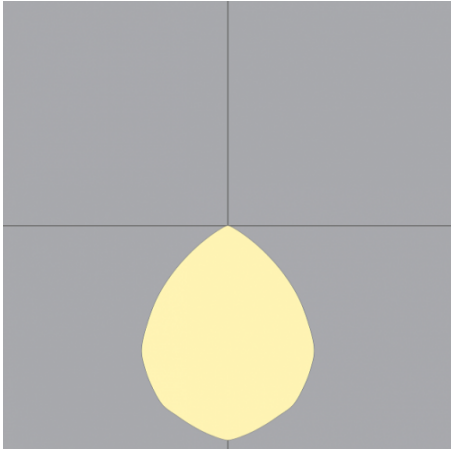
PERFORMANCE DATA

INSIDE PANEL DIRECT (WHITE/SILVER METALLIC TEXTURED)

LUMEN/FT

WATT/FT

LPW



400
300
300
100

5
4
2
1

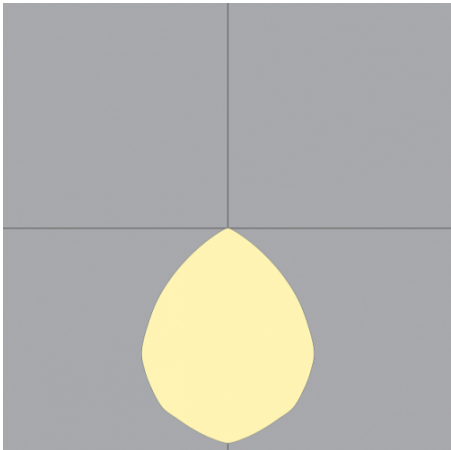
94
97
101
109

INSIDE PANEL DIRECT (BLACK METALLIC TEXTURED)

LUMEN/FT

WATT/FT

LPW



400
300
300
100

5
4
2
1

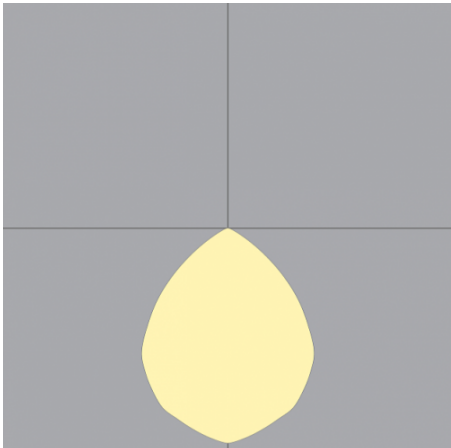
82
84
87
94

INSIDE PANEL DIRECT (GOLD METALLIC/RED METALLIC TEXTURED)

LUMEN/FT

WATT/FT

LPW



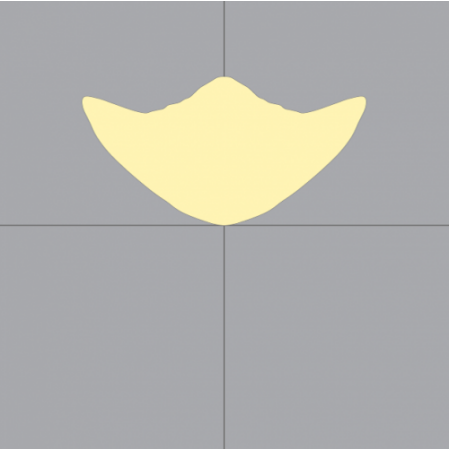
400
300
300
100

5
4
2
1

89
91
95
103

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INDIRECT BATWING (UD1)

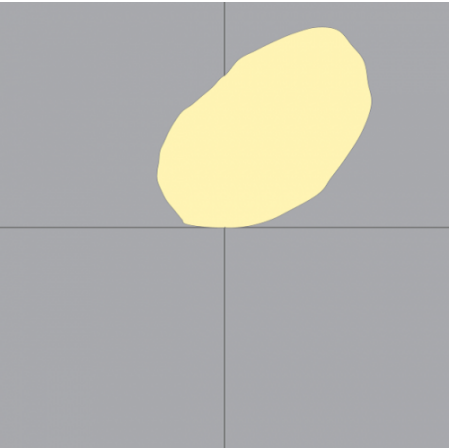


LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
12
10
8
6
5
3
2

LPW
116
119
122
127
131
137
144

INDIRECT ASYMMETRIC (UD3)



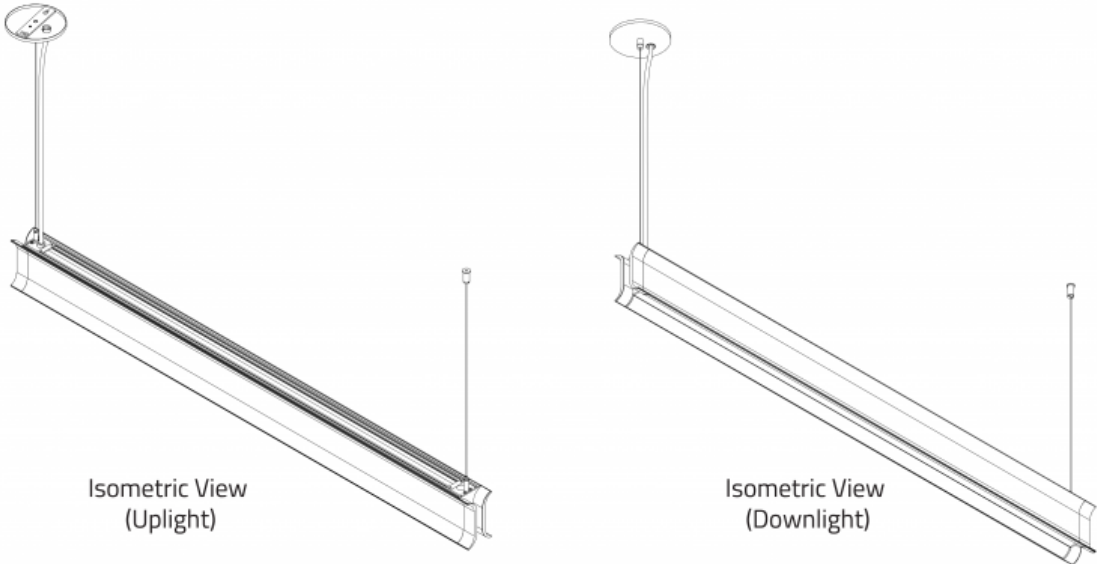
LUMEN/FT
1000
800
600
400
200

WATT/FT
12
10
6
5
2

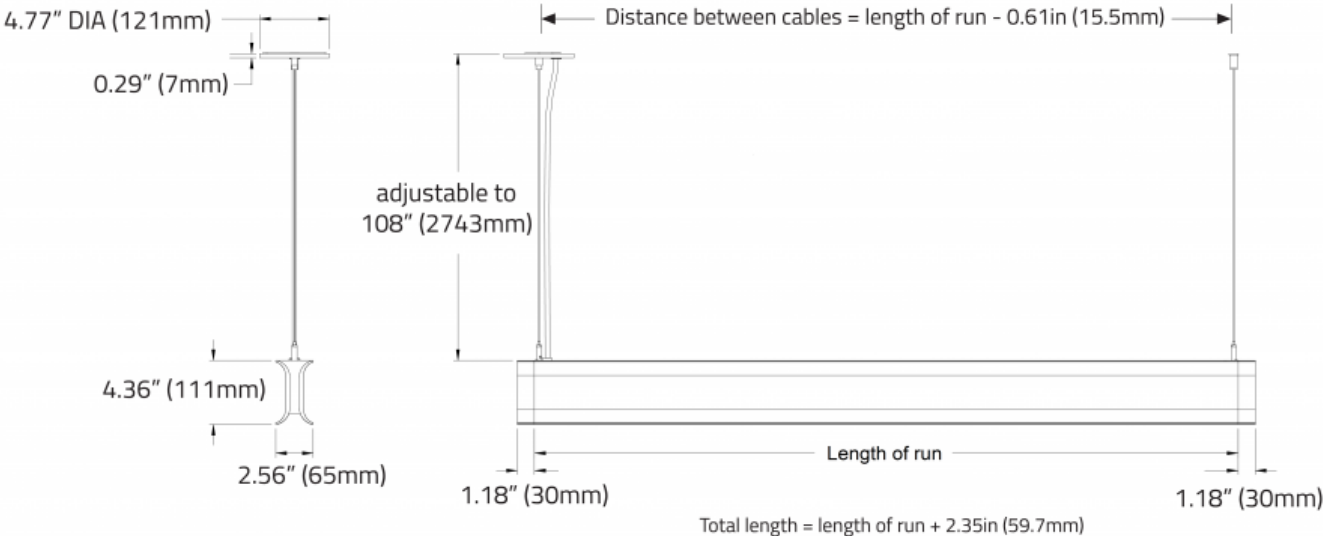
LPW
82
85
89
92
96

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DIMENSIONAL DIAGRAMS



Top View (Uplight)



Bottom View (Downlight)