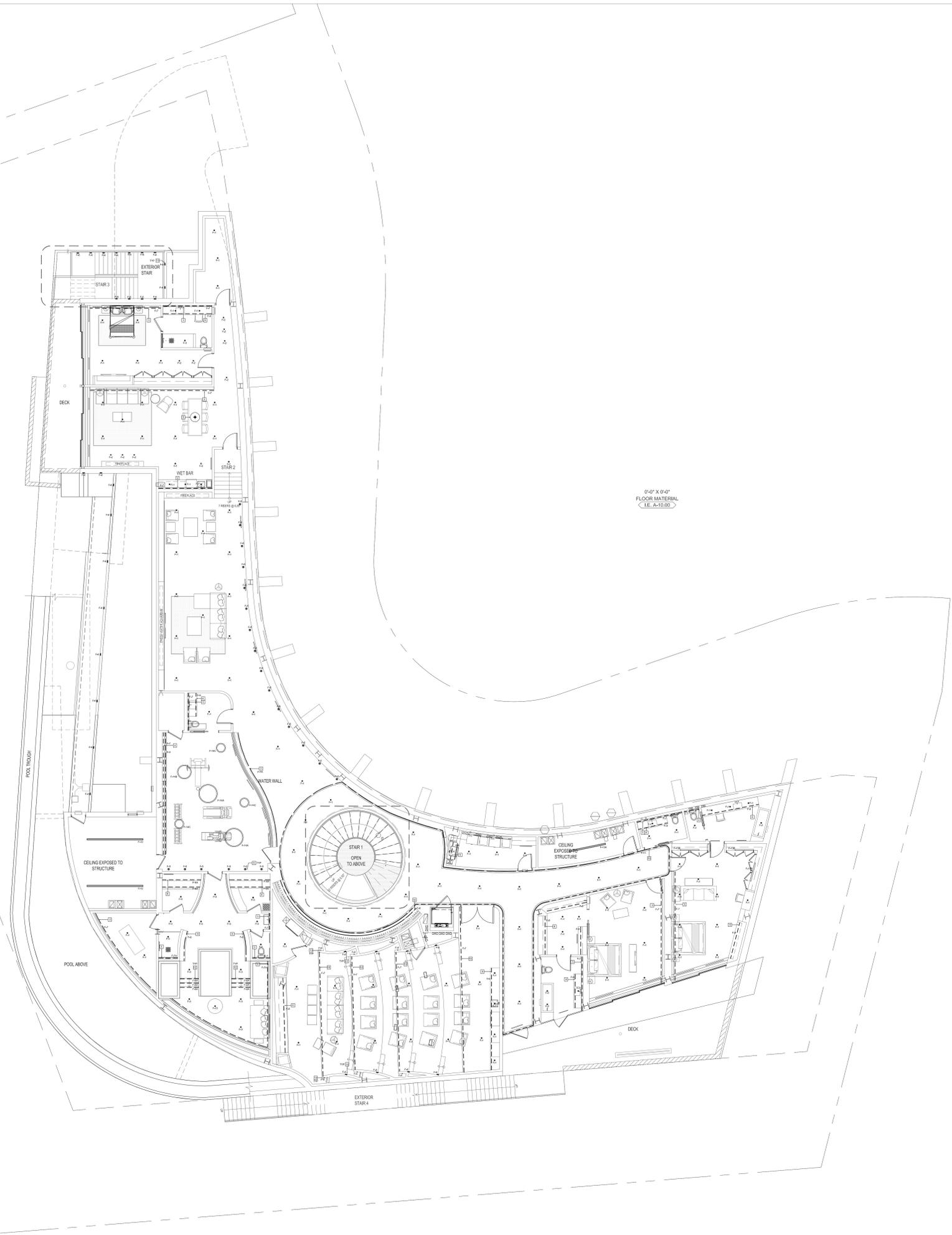


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0'-0" X 0'-0"  
FLOOR MATERIAL  
I.E. A-10.00

**LIGHTING KEY NOTES:**

- 1 DECORATIVE CEILING MOUNT LIGHT FIXTURE (OWNER SUPPLIED, CONTRACTOR INSTALLED). EXACT LOCATIONS, QUANTITIES AND MOUNTING HEIGHTS TO BE CONFIRMED WITH ARCHITECT/ INTERIOR DESIGNER PRIOR TO INSTALLATION.
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- 3 CEILING COVE WITH CONCEALED LINEAR LED TO RUN PARALLEL WITH ADJACENT WALL OR MILLWORK. DESIGN INTENT IS TO SOFTLY AND EVENLY WASH LIGHT DOWN THE WALL. CEILING TO STOP SHORT A MINIMUM DISTANCE OF 6" FROM WALL.
- 4 LINEAR LED FIXTURE CONCEALED AT FURRED WALL TO UPLIGHT CEILING. FURRED WALL TO STOP SHORT 12"-24" BEFORE CEILING. DESIGN TEAM TO REVIEW ELEVATION TO DETERMINE EXACT DIMENSIONS.
- 5 CONCEALED LINEAR LED FIXTURE AT UNDERSIDE OF CABINETS TO PROVIDE TASK LIGHTING AT THE WORK SURFACE. CABINETS TO BE DETAILED TO HIDE FIXTURE FROM LINE OF SIGHT.
- 6 CONCEALED LINEAR LED MOUNTED AT THE UNDERSIDE OF VANITY, HEARTH OR SHOWER BENCH. DESIGN INTENT IS TO SOFTLY GLOW THE GROUND PLANE. FIXTURE TO BE DETAILED SO THAT LAMP IMAGING IS NOT REFLECTED ON FINISH FLOOR.
- 7 CONCEALED LINEAR LED FIXTURE MOUNTED AT UNDERSIDE OF COUNTER TO SOFTLY HIGHLIGHT THE BAR FASCIA. FIXTURE TO BE CONCEALED FROM LINE OF SIGHT.
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- 9 INGRADE UPLIGHT FLUSH WITH FINISH FLOOR. FIXTURE TO BE MOUNTED 8" FROM CENTER OF FIXTURE TO FACE OF FINISH WALL. CONTRACTOR TO PROCURE CONCRETE POUR SLEEVE IN ADVANCE OF SCHEDULED POUR DATE. REFER TO
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**FIXTURE SYMBOL KEY:**

●	RECESSED ADJUSTABLE ROUND DOWNLIGHT
▲	RECESSED ADJUSTABLE ROUND WALL WASHER
⊕	DECORATIVE CEILING MOUNTED FIXTURE
⊕	DECORATIVE WALL MOUNTED FIXTURE
—	LINEAR LOW VOLTAGE LED FIXTURE
⊙	INGRADE UPLIGHT AT FINISH FLOOR
■	RECESSED STEPLIGHT
▬	LINEAR LIGHT FIXTURE
⊕	SURFACE MOUNTED DOWNLIGHT



www.kgmLIGHTING.COM 310.552.2191  
270 CORAL CIRCLE, EL SEGUNDO, CA 90245

**BLUE HEIGHTS RESIDENCE**  
1830 N. BLUE HEIGHTS DRIVE  
LOS ANGELES, CA 90069

NOT FOR CONSTRUCTION  
DRAWN: AM  
CHECKED: TB  
PROJECT NUMBER: 100

DATE  
10.12.17  
10.30.17

DESCRIPTION  
PRELIMINARY LT PLANS  
REVISED LIGHTING

ISSUE

**BASEMENT LIGHTING PLAN**

**LT 1.0**

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  - ▲ RECESSED ADJUSTABLE ROUND WALLWASHER
  - ⊕ DECORATIVE CEILING MOUNTED FIXTURE
  - ⊕ DECORATIVE WALL MOUNTED FIXTURE
  - LINEAR LOW VOLTAGE LED FIXTURE
  - ⊕ INGRADE UPLIGHT AT FINISH FLOOR
  - RECESSED STEPLIGHT
  - LINEAR LIGHT FIXTURE
  - ⊕ SURFACE MOUNTED DOWNLIGHT

  
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 aayoub@outlook.com www.ameenayoub.com

  
 WWW.KGMLIGHTING.COM 310.552.2191  
 270 CORAL CIRCLE, EL SEGUNDO, CA 90245

**BLUE HEIGHTS RESIDENCE**  
 1830 N. BLUE HEIGHTS DRIVE  
 LOS ANGELES, CA 90069

NOT FOR CONSTRUCTION	
DRAWN	CHECKED
AM	TB
PROJECT NUMBER: 1800	

DATE	DESCRIPTION	ISSUE	PRELIMINARY LT PLANS	DATE	DESCRIPTION	ISSUE
10.12.17	PRELIMINARY LT PLANS					

**FIRST FLOOR LIGHTING PLAN**

LT 1.1

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▬	LINEAR LIGHT FIXTURE
•	SURFACE MOUNTED DOWNLIGHT

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662 n. sepulveda ste. 201 los angeles ca 90049  
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**KGM** WWW.KGMILLIGHTING.COM 310.552.2191  
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cfoeyoub@outlook.com

**BLUE HEIGHTS RESIDENCE**  
1830 N. BLUE HEIGHTS DRIVE  
LOS ANGELES, CA 90069

NOT FOR CONSTRUCTION

DATE	10-12-17	CHECKED	
DESCRIPTION	PRELIMINARY LT PLANS	DRAWN	AA
ISSUE	REVISED LIGHTING	PROJECT NUMBER:	100

DATE	10-30-17	CHECKED	
DESCRIPTION	PRELIMINARY LT PLANS	DRAWN	AA
ISSUE	REVISED LIGHTING	PROJECT NUMBER:	100

**SECOND FLOOR  
LIGHTING PLAN**

**LT 1.2**





## LIGHTING FIXTURE SCHEDULE

Contact: **Erica McNicholas** - emcnicholas@kgmlighting.com  
 Phone: (310) 552.2191  
 Fax: (310) 552.2192

TYPE	MANUFACTURER	MODEL NUMBER	LAMP	DESCRIPTION
<b>PRELIMINARY: NOT FOR CONSTRUCTION</b>				
F-1	SPECIALTY LIGHTING INDUSTRIES	GRAFFITI GRF-IC-AD14-A-AD-WF-T1-RD (ROUND)-ZT (FLANGLESS)-WHT*	14.5W LED 3000K-1900K	RECESSED LED DOWNLIGHT
		*CONFIRM WITH INTERIOR DESIGNER IF TRIMS ARE TO BE PAINTED IN FIELD		
F-2	SPECIALTY LIGHTING INDUSTRIES	GRAFFITI GRF-IC-AD14-A-AD-WF-T1-RD (ROUND)-ZT (FLANGESS)-WHT*-91A	14.5W LED 3000K-1900K	RECESSED LED WALLWASHER
		*CONFIRM WITH INTERIOR DESIGNER IF TRIMS ARE TO BE PAINTED IN FIELD		
F-3	SPECIALTY LIGHTING INDUSTRIES	GRAFFITI GRF-IC-AD14-A-AD-WF-T1-RD (ROUND)-FST (FLANGED SHOWER)-WHT*-79A	14.5W LED 3000K-1900K	RECESSED LED SHOWER DOWNLIGHT
		*CONFIRM WITH INTERIOR DESIGNER IF TRIMS ARE TO BE PAINTED IN FIELD		

TYPE	MANUFACTURER	MODEL NUMBER	LAMP	DESCRIPTION
<b>PRELIMINARY: NOT FOR CONSTRUCTION</b>				
F-4	LUMIERE	WESTWOOD 904 (LED)- 10LED3041-12V-WT (WHITE)*  *CONFIRM WITH INTERIOR DESIGNER IF TRIMS ARE TO BE	10W LED 3000K	SURFACE MOUNTED DOWNLIGHT
F-5	LUMIERE	BOCA 631 631-10LED-30-41-120/12-FINISH TO BE CONFIRMED BY ARCHITECT  CONTRACTOR TO PROCURE HOUSINGS FOR ROUGH INS AS REQUIRED	10W LED 3000K	INGRADE UPLIGHT AT FINISH FLOOR
F-6	WAC LIGHTING	WL-LED200TR-C-WT	3.3W LED 3000K	RECESSED WALL MOUNTED STEP LIGHT - TRIMLESS
F-7	CALIFORNIA ACCENT LIGHTING	LLED8000-SR-F (SEMI ROUND CHANNEL WITH FROSTED LENS)-4.5W-DM-LED-3.0K-DRY-NA  LTEA4U1UKL-CV240 (LUTRON 2 WIRE HI-LUME 'A' SERIES DRIVE)-REMOTE DRIVER TO BE INSTALLED IN A CONCEALED VENTILATED AND ACCESSIBLE LOCATION.  CONTRACTOR TO COORDINATE EXACT QUANTITY OF LED DRIVERS AS REQUIRED FOR LENGTH AND WATTAGE OF LED,	4.5W/ FT LED 3000K	LOW VOLTAGE SURFACE MOUNTED LINEAR LED

TYPE	MANUFACTURER	MODEL NUMBER	LAMP	DESCRIPTION
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**PRELIMINARY: NOT FOR CONSTRUCTION**

F-8	CALIFORNIA ACCENT LIGHTING	LLED8000-SR-F (SEMI ROUND CHANNEL WITH FROSTED LENS)-3.6W-DM-LED-3.0K-DRY-NA	3.6W/ FT LED 3000K	LOW VOLTAGE SURFACE MOUNTED LINEAR LED
		LTEA4U1UKL-CV240 (LUTRON 2 WIRE HI-LUME 'A' SERIES DRIVE)-REMOTE DRIVER TO BE INSTALLED IN A CONCEALED VENTILATED AND ACCESSIBLE LOCATION.		
		CONTRACTOR TO COORDINATE EXACT QUANTITY OF LED DRIVERS AS REQUIRED FOR LENGTH AND WATTAGE OF LED,		
F-8A	CALIFORNIA ACCENT LIGHTING	LLED8000-CMC-F (CORNER MOUNT CHANNEL WITH FROSTED LENS)-3.6W-DM-LED-3.0K-DRY-NA	3.6W/ FT LED 3000K	LOW VOLTAGE SURFACE MOUNTED LINEAR LED
		LTEA4U1UKL-CV240 (LUTRON 2 WIRE HI-LUME 'A' SERIES DRIVE)-REMOTE DRIVER TO BE INSTALLED IN A CONCEALED VENTILATED AND ACCESSIBLE LOCATION.		
		CONTRACTOR TO COORDINATE EXACT QUANTITY OF LED DRIVERS AS REQUIRED FOR LENGTH AND WATTAGE OF LED,		

TYPE	MANUFACTURER	MODEL NUMBER	LAMP	DESCRIPTION
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**PRELIMINARY: NOT FOR CONSTRUCTION**

F-9	CALIFORNIA ACCENT LIGHTING	LLED8000-SR-F (SEMI ROUND CHANNEL WITH FROSTED LENS)-2.5W-DM-LED-3.0K-DRY-NA	2.5W/FT LED 3000K	LOW VOLTAGE SURFACE MOUNTED LINEAR LED
		LTEA4U1UKL-CV240 (LUTRON 2 WIRE HI-LUME 'A' SERIES DRIVE)-REMOTE DRIVER TO BE INSTALLED IN A CONCEALED VENTILATED AND ACCESSIBLE LOCATION. EXACT QUANTITY OF LED DRIVERS AS REQUIRED FOR LENGTH AND WATTAGE OF LED, CONTRACTOR TO COODINATE		
F-10	CALIFORNIA ACCENT LIGHTING	NLED-4.5W-LED-3.0K-VOLTAGE TO BE CONFIRMED BY ELECTRICAL ENGINEER	4.5W/ FT LED 3000K	LOW VOLTAGE SURFACE MOUNTED CURVABLE LINEAR LED
		LTEA4U1UKL-CV240 (LUTRON 2 WIRE HI-LUME 'A' SERIES DRIVE)-REMOTE DRIVER TO BE INSTALLED IN A CONCEALED VENTILATED AND ACCESSIBLE LOCATION.		
		CONTRACTOR TO COORDINATE EXACT QUANTITY OF LED DRIVERS AS REQUIRED FOR LENGTH AND WATTAGE OF LED,		

TYPE	MANUFACTURER	MODEL NUMBER	LAMP	DESCRIPTION
<b>PRELIMINARY: NOT FOR CONSTRUCTION</b>				
F-11	CALIFORNIA ACCENT LIGHTING	NLED-1.8W-LED-3.0K-VOLTAGE TO BE CONFIRMED BY ELECTRICAL ENGINEER  LTEA4U1UKL-CV240 (LUTRON 2 WIRE HI-LUME 'A' SERIES DRIVE)-REMOTE DRIVER TO BE INSTALLED IN A CONCEALED VENTILATED AND ACCESSIBLE LOCATION.  CONTRACTOR TO COORDINATE EXACT QUANTITY OF LED DRIVERS AS REQUIRED FOR LENGTH AND WATTAGE OF LED,	1.8W/ FT LED 3000K	LOW VOLTAGE SURFACE MOUNTED CURVABLE LINEAR LED
F-11A	CALIFORNIA ACCENT LIGHTING	NLED-1.8W-LED-3.0K-VOLTAGE TO BE CONFIRMED BY ELECTRICAL ENGINEER  LTEA4U1UKL-CV240 (LUTRON 2 WIRE HI-LUME 'A' SERIES DRIVE)-REMOTE DRIVER TO BE INSTALLED IN A CONCEALED VENTILATED AND ACCESSIBLE LOCATION.  CONTRACTOR TO COORDINATE EXACT QUANTITY OF LED DRIVERS AS REQUIRED FOR LENGTH AND WATTAGE OF LED,	1.8W/ FT LED 3000K	LOW VOLTAGE SURFACE MOUNTED CURVABLE LINEAR LED  <i>WET LISTED</i>
F-12	LUMENWERX	VIA3RR (RECESSED REGRESS LENS)-HLO-LED-90-500-30-12FT-UNV-D1-1-DTR-W (WHITE)	16.5W LED 3000K	RECESSED LINEAR LED DOWNLIGHT

TYPE	MANUFACTURER	MODEL NUMBER	LAMP	DESCRIPTION
<b>PRELIMINARY: NOT FOR CONSTRUCTION</b>				
F-13	CALIFORNIA ACCENT LIGHTING	ALS500T-F (FROSTED LENS)-WH (WHITE)-LED-3.0K-8W-010V-HO-DRY-UNV-LENGTH AS NOTED*  *FIXTURE LENGTHS: F-14A: 8FT F-14B: 4FT F-14C: 2FT	8W/ FT LED 3000K	LINE VOLTAGE SURFACE MOUNTED LINEAR LED
F-14	MARK ARCHITECTURAL LIGHTING	FULL CIRCLE LED FCL-ARC-RADIUS AS SPECIFIED*-FLP-GB-90CRI-30K-4--LMF-DARK(DIMMING <1%)-ELECTRICAL ENGINEER TO CONFIRM VOLTAGE  *F-14A: 4' *F-14B: 3' *F-14C: 2'  CONTRACTOR TO COORDINATE EXACT QUANTITY OF LED DRIVERS AS REQUIRED FOR LENGTH AND WATTAGE OF LED,	7.6W/FT LED 3000K	RECESSED CIRCULAR LED IN GYM
F-15	TBD			COLOR CHANGING SHOWER RATED LED DOWNLIGHT

# GRAFFITI™

## GRF Series

Project Name:  
 Specifier:  
 Distributor:  
 Quantity: Type:  
 Signature:

**GRAFFITI™**  
 is the innovative new line  
 of LED lighting solutions from  
 Specialty Lighting Industries.



**GRF** Series in low to medium ceiling heights typically found in residential, commercial or retail applications. GRF series fixtures feature a flat trim surface that blends seamlessly with the ceiling construction. The Graffiti™ fixtures provide cost effective LED lighting solutions. As the creative spirit of its name implies, Graffiti™ systems provide all the quality SLI has grown famous for over the last 25 years, but at reduced lead times, affordable price points and innovative technologies that will liberate your creative flair.

**THERMAL MANAGEMENT:** Proprietary high performance aluminum black die-cast heatsink for maximum LED life



1306 Doris Avenue, Ocean, NJ 07712 USA 800.462.7812 | 732.517.0800 FAX 732.517.0971  
 www.specialtylightingindustries.com

## ADJUSTABLE / FIXED SPECIFICATIONS

**MOUNTING** - Recessed in architectural ceiling. Butterfly brackets and Hanger bars included with housing and mounting pans.

- **RM**- Open fixture for retrofit for remodel in existing ceilings
- **IC**-Housing for new construction where insulation comes in contact with fixture
- **NIC**-Housing for new construction where IC not required
- **PN**- For New construction
- **DP**- Pan for dropped ceilings
- **BP**- Pan for metal studs

**TRIM** - One piece die cast aluminum, flanged or flangeless trim with flat pinhole aperture. Available for wet locations. Accommodates up to 1" ceiling thickness as standard.

- **ZT/ZST**- for use in plaster/GWB ceilings
- **FT/FST**- for use in architectural ceilings

### ELECTRICAL

- **Standard 0-10v (S1)** Dimming down to 1%
- **TRIAC/ELV (T1)** Dimming down to 3%
- **EldoLED 0-10v (E1)** Logarithmic Dimming down to 0.1%
- **EldoLED Dali (E2)** Dimming down to 0.1%
- **EldoLED 0-10v (E3)** Linear Dimming down to 0.1%
- **Lutron Hi-lume (L2)** Dimming down to 1%
- **Lutron EcoSystem (L3)** Dimming down to 1%
- **Lutron EcoSystem 5 (L5)** Dimming down to 5%
- **Lutron Hi-lume EcoSystem 1% (LTB)** Dimming down to 1%, Soft-on, Fade-to-Black

All drivers are field replaceable\*

Specifier/Installer is responsible for testing & validating compatability of any control equipment used. Additional conductors may be required depending on dimming system.

### LAMP

- **CZ- Citizen** 2700-4000K, 90+CRI
- **AD- Ambient Dim™** 3000-1900K, 97 CRI
- **XT- Xicato** 2700-4000K, 90+ CRI

**LENS/OPTICS** - Interchangeable reflector provides multiple beam patterns. Field-changeable optics

- **Spot (15°)**
- **Narrow (24°)**
- **Flood (38°)**
- **Wide Flood (60°)**

Optional lenses available for aperture include Solite and Veiling Acrylic. Accepts two optical accessories and an optional trim mounted lens.

**FINISH** - Black powder paint housing. Aper. trim available in white as standard. Can be field painted to match ceiling finish.

**WARRANTY** - 5 year limited on LED and driver. See website for details.

**LABELS** - , US tested to UL standards 1598, Dry/Damp and Wet listings. IC/Airtight, Title 24 compliant. Chicago Plenum Available. Consult factory.

Patent Pending. These specifications subject to change without notice. 03/17

1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069

RECESSED LED DOWNLIGHT - TRIMLESS WARM DIM

**KGM**

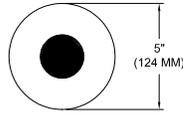
270 CORAL CIRCLE | EL SEGUNDO, CALIFORNIA 90245 | TEL: 310.552.2191 | FAX: 310.552.2192

F-1

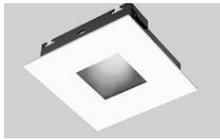
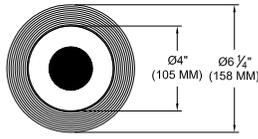
## INFORMATION- TRIM



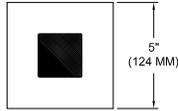
ROUND/ FLANGED



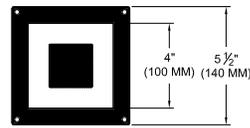
ROUND / FLANGELESS



SQUARE / FLANGED

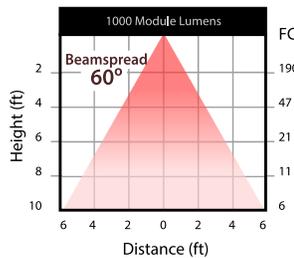
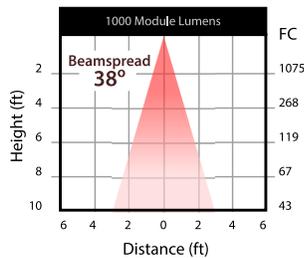
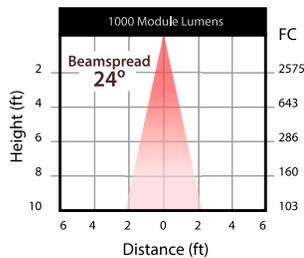
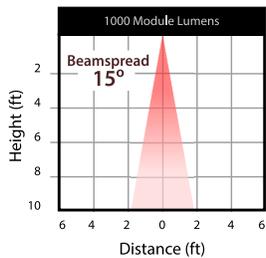


SQUARE / FLANGELESS



## PHOTOMETRICS

Consult factory or website for further photometric data



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www.specialtylightingindustries.com

## ORDER INFO

## CODE

Graffiti™ Housing

GRF

### Housing

RM = Retrofit  
IC = IC  
NIC = Non IC  
NP = New Pan  
DP = Dropped Pan  
BP = Bracket Pan

### Source/Wattage/Lumens/Delivered

CZ20

AD14 = Ambient Dim™ / 14.5W / 1000lm / 558lm  
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### Beam

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NF = Narrow flood  
FL = Flood  
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### Driver

S1 = 0-10V dimming, 1%, 120-277v  
T1 = TRIAC/ELV 2-wire, 3% 120V only (Leading/Trailing Edge)  
E1 = EldoLED 0-10V Logarithmic Dim, 0.1%, 120-277v  
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E3 = EldoLED 0-10V Linear Dim, 0.1%, 120-277v  
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LTB = Lutron Hi-lume 1% EcoSystem LED driver, 1%, 120-277v, Soft-on, Fade-to-Black

Graffiti™ Trim

GRTF

### Shape

RD = Round  
SQ = Square

### Trim

FT = Flanged  
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FST\* = Flanged Shower  
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\*Lens Required

### Finish

WHT

WHT = White

### Lens

91A = Solite  
79A = Frosted  
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\* CLICK HERE to view Accessories for Trims.

Patent Pending. These specifications subject to change without notice. 03/17

1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069

KGM

RECESSED LED DOWNLIGHT - TRIMLESS WARM DIM

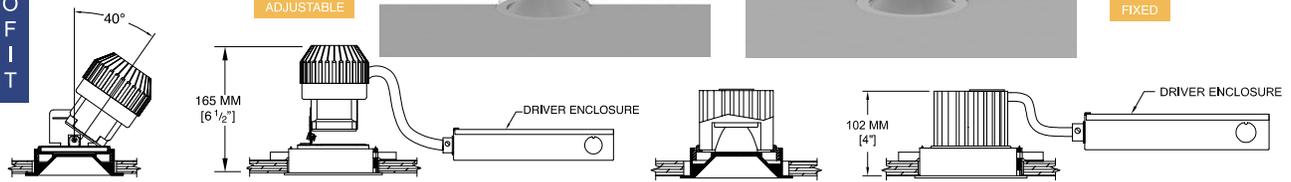
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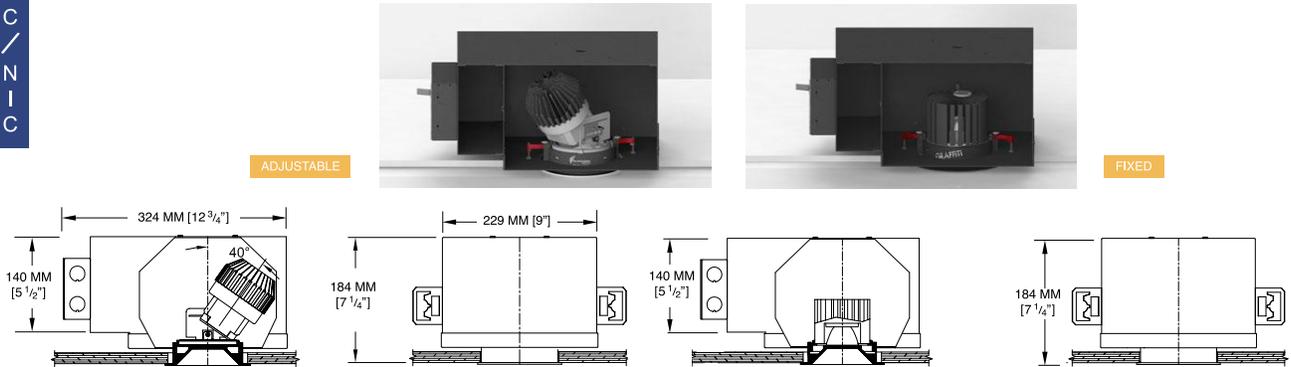
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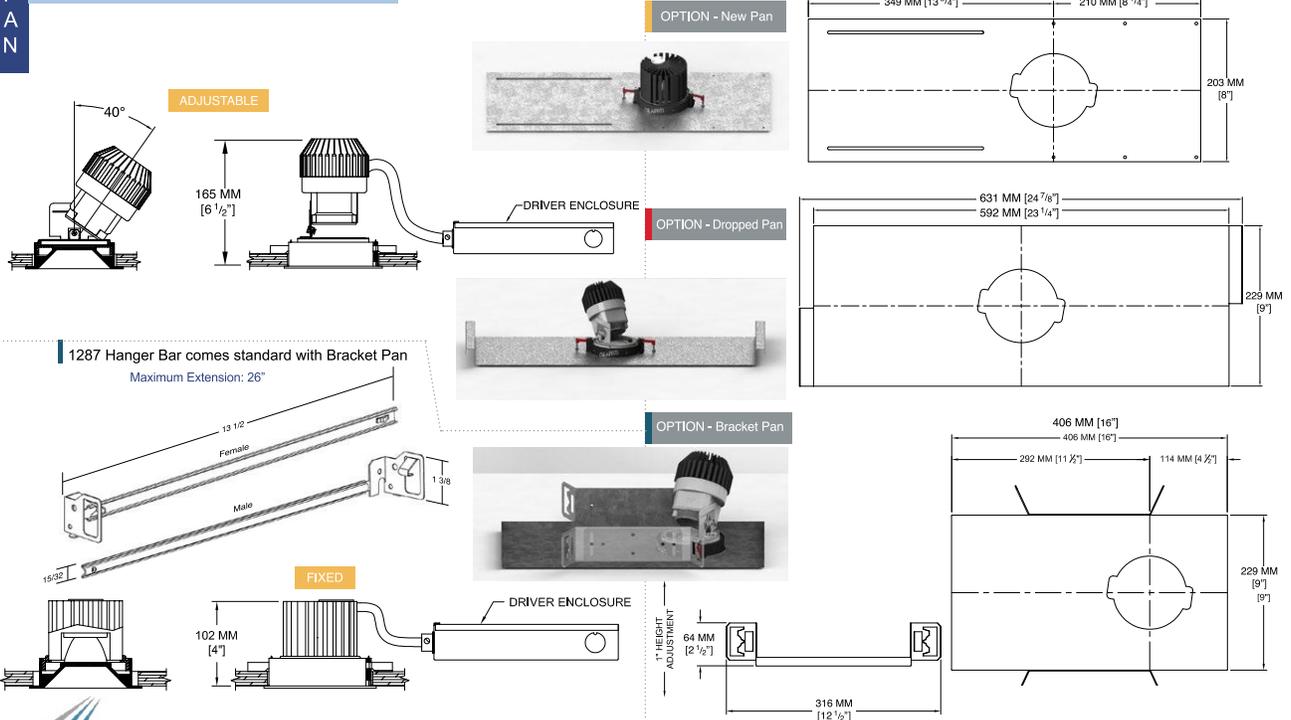
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**F-1**

# GRAFFITI™

## GRF Series

Project Name:  
 Specifier:  
 Distributor:  
 Quantity:                      Type:  
 Signature:

**GRAFFITI™**  
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**THERMAL MANAGEMENT:** Proprietary high performance aluminum black die-cast heatsink for maximum LED life



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- **FT/FST**- for use in architectural ceilings

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All drivers are field replaceable\*

Specifier/Installer is responsible for testing & validating compatability of any control equipment used. Additional conductors may be required depending on dimming system.

### LAMP

- **CZ- Citizen** 2700-4000K, 90+CRI
- **AD- Ambient Dim™** 3000-1900K, 97 CRI
- **XT- Xicato** 2700-4000K, 90+ CRI

**LENS/OPTICS** - Interchangeable reflector provides multiple beam patterns. Field-changeable optics

- **Spot (15°)**
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- **Flood (38°)**
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Optional lenses available for aperture include Solite and Veiling Acrylic. Accepts two optical accessories and an optional trim mounted lens.

**FINISH** - Black powder paint housing. Aper. trim available in white as standard. Can be field painted to match ceiling finish.

**WARRANTY** - 5 year limited on LED and driver. See website for details.

**LABELS** - , US tested to UL standards 1598, Dry/Damp and Wet listings. IC/Airtight, Title 24 compliant. Chicago Plenum Available. Consult factory.

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1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069

RECESSED LED WALLWASHER - TRIMLESS WARM DIM

**KGM**

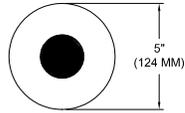
270 CORAL CIRCLE | EL SEGUNDO, CALIFORNIA 90245 | TEL: 310.552.2191 | FAX: 310.552.2192

**F-2**

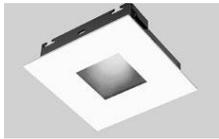
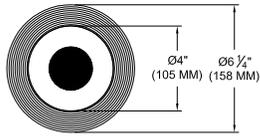
## INFORMATION- TRIM



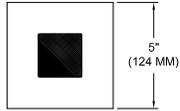
ROUND/ FLANGED



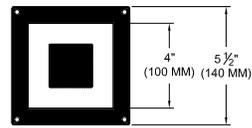
ROUND / FLANGELESS



SQUARE / FLANGED

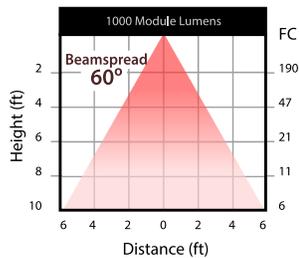
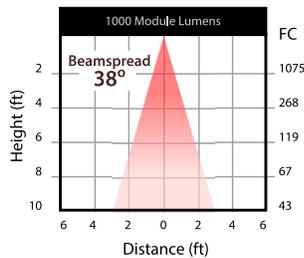
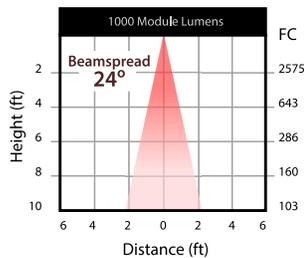
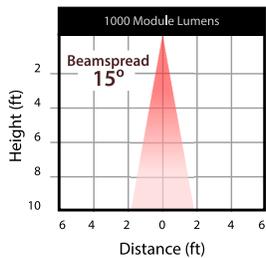


SQUARE / FLANGELESS



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Patent Pending. These specifications subject to change without notice. 03/17

1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069

KGM

RECESSED LED WALLWASHER - TRIMLESS WARM DIM

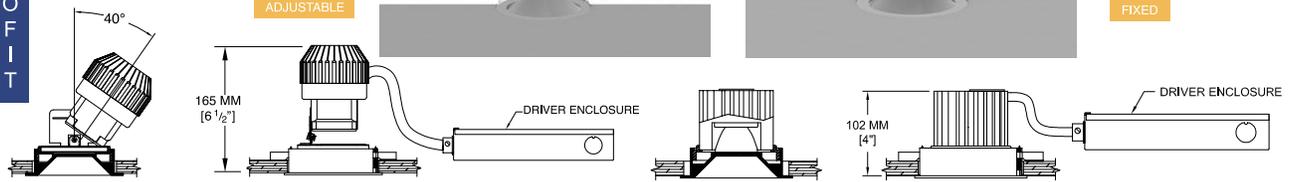
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# INFORMATION- HOUSING

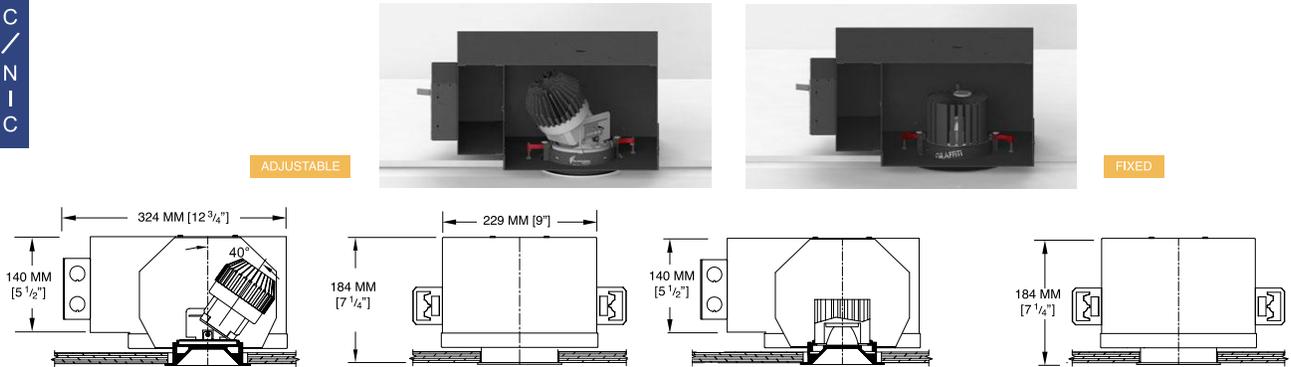
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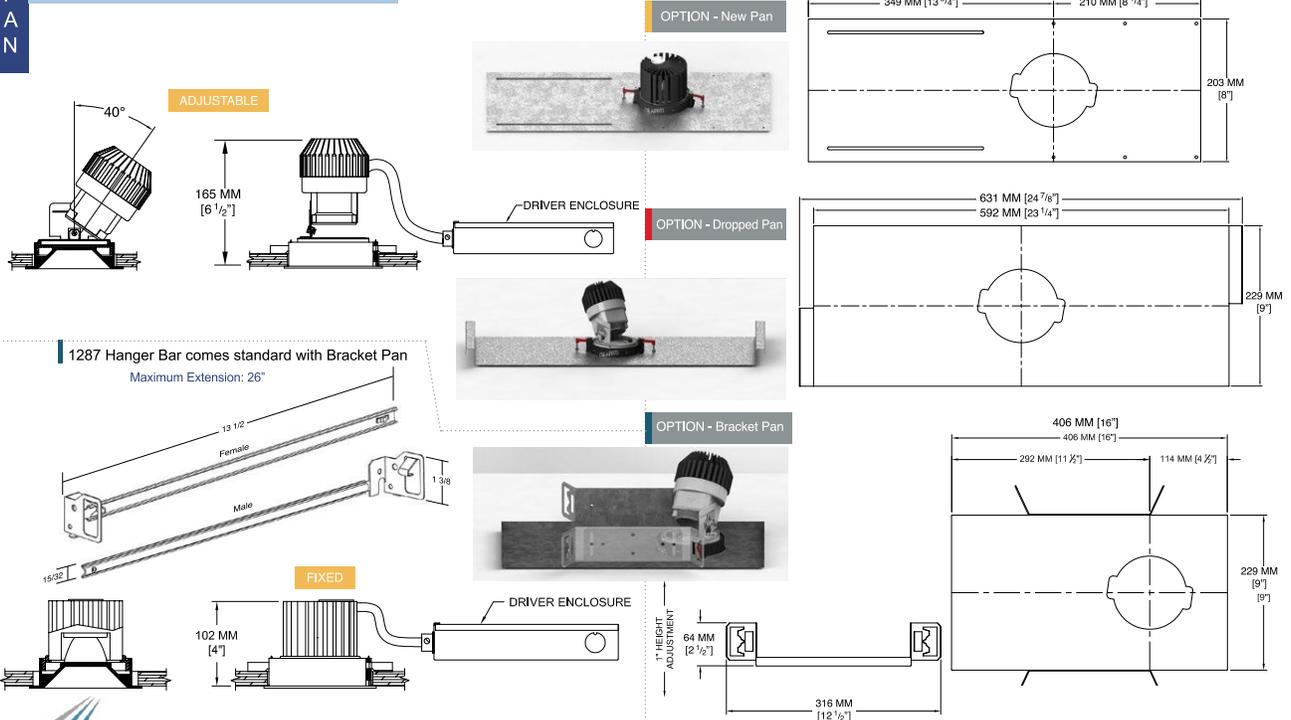
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Patent Pending. These specifications subject to change without notice. 10/16



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**KGM**

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**F-2**

270 CORAL CIRCLE | EL SEGUNDO, CALIFORNIA 90245 | TEL: 310.552.2191 | FAX: 310.552.2192

# GRAFFITI™

## GRF Series

**Project Name:**  
**Specifier:**  
**Distributor:**  
**Quantity:** **Type:**  
**Signature:**

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1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069

RECESSED LED SHOWER DOWNLIGHT - TRIMLESS WARM DIM

**KGM**

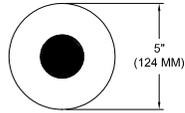
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**F-3**

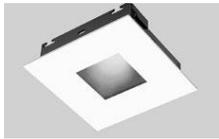
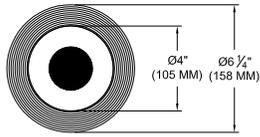
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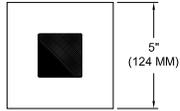
ROUND/ FLANGED



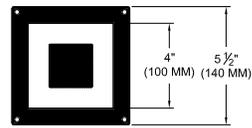
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SQUARE / FLANGED

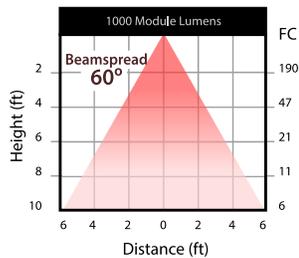
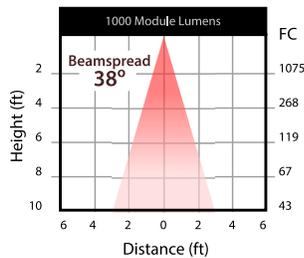
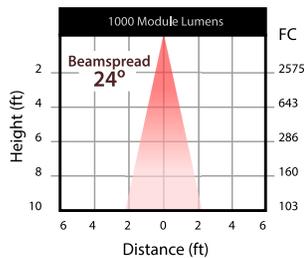
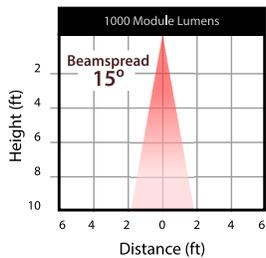


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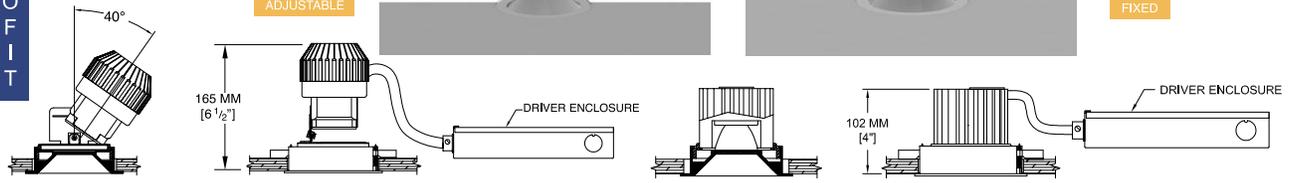
F-3

270 CORAL CIRCLE | EL SEGUNDO, CALIFORNIA 90245 | TEL: 310.552.2191 | FAX: 310.552.2192

# INFORMATION- HOUSING

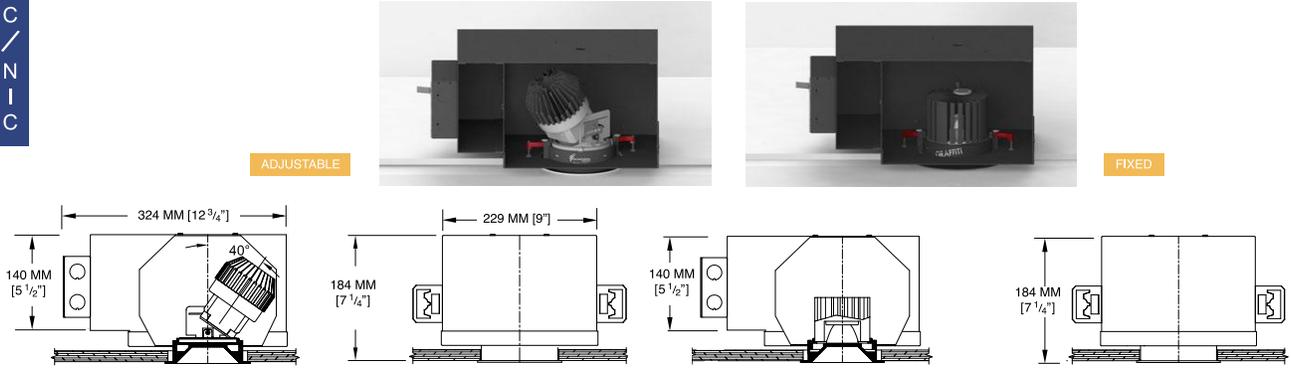
RETROFIT

For easy installation in existing ceilings.



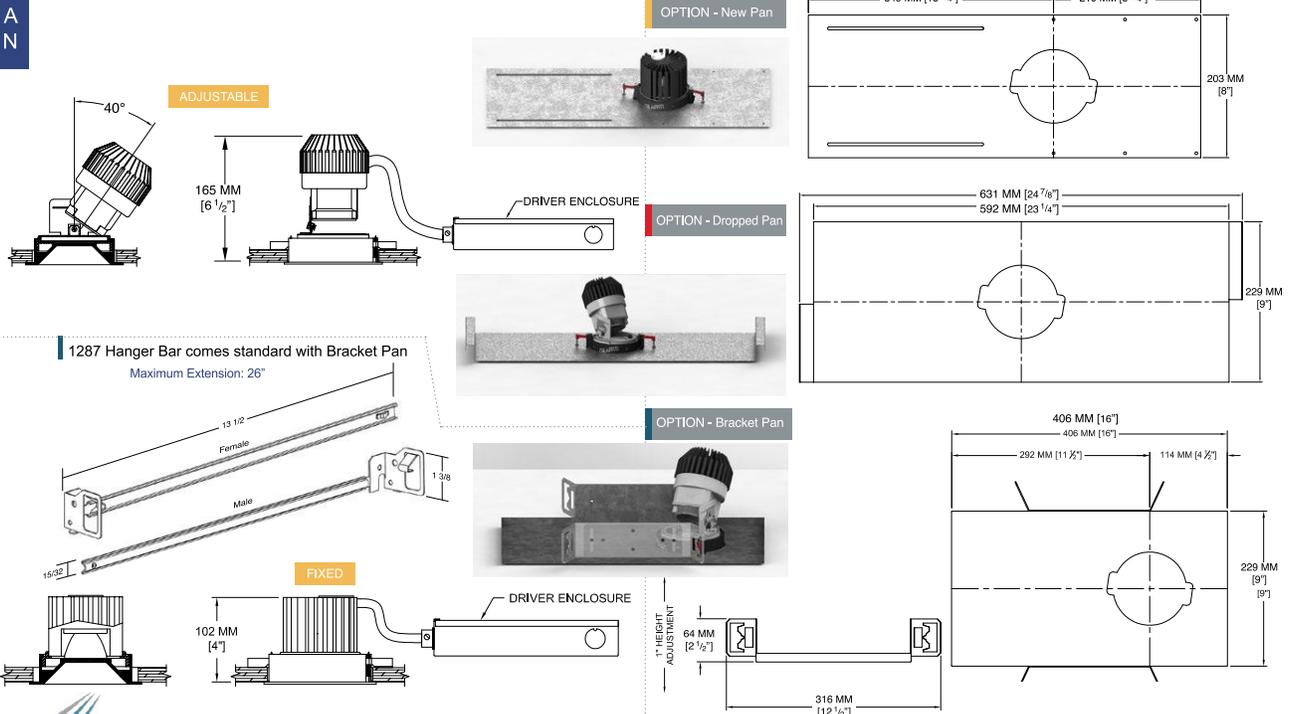
IC / CNIC

For projects requiring housings or IC rated fixtures.



PAN

For new construction applications not requiring a housing.



1306 Doris Avenue, Ocean, NJ 07712 USA 800.462.7812 | 732.517.0800 FAX 732.517.0971  
www.specialtylightingindustries.com

Patent Pending. These specifications subject to change without notice. 10/16

1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069

RECESSED LED SHOWER DOWNLIGHT - TRIMLESS WARM DIM

**KGM**

**F-3**

270 CORAL CIRCLE | EL SEGUNDO, CALIFORNIA 90245 | TEL: 310.552.2191 | FAX: 310.552.2192

**DESCRIPTION**

Westwood 912 and 912-2 are ultra-compact wall fixtures for use with line voltage PAR20 halogen lamps. Model 912 provides downlight or uplight. Model 912-2 provides combination uplight and downlight. Both models mount over a standard 4" J-box and connect directly to 120V line voltage. Various lenses, louvers and color or dichroic filters can be combined - up to three at once - to create multiple lighting effects.

Catalog #		Type
Project		
Comments		Date
Prepared by		

**SPECIFICATION FEATURES**

**A ... Material**

Housing and hood are precision-machined from corrosion-resistant 6061-T6 aluminum billet, brass or copper. Mounting canopy is constructed from corrosion-resistant silicone aluminum, brass or copper.

**B ... Finish Painted**

Fixtures constructed from 6061-T6 aluminum are double protected by a chromate conversion undercoating and polyester powdercoat paint finish, surpassing the rigorous demands of the outdoor environment. A variety of standard colors are available. Brass or Copper Fixtures constructed from brass or copper are left unpainted to reveal the natural beauty of the material and will patina naturally over time.

**C ... Hood**

Hood is removable for easy relamping and accepts up to three internal accessories at once (lenses, louvers, filters) to achieve multiple lighting effects. Weep holes prevent water collection on the uplight position.

**D ... Gasket**

Housing and hood are sealed with a high temperature silicone o-ring gasket to prevent water intrusion.

**E ... Lens**

Tempered glass lens, factory sealed with high temperature adhesive to prevent water intrusion and breakage due to thermal shock.

**F ... Mounting**

Both models mount over a standard 4" J-box and connect directly to 120V line voltage. Model 912 provides downlight or uplight. Model 912-2 provides non-adjustable uplight and downlight.

**G ... Hardware**

Stainless steel hardware is standard to provide maximum corrosion-resistance.

**H ... Socket**

Ceramic socket with 250° C Teflon® coated lead wires and medium base.

**I ... Electrical**

Operates with 120V line voltage.

**J ... Lamp**

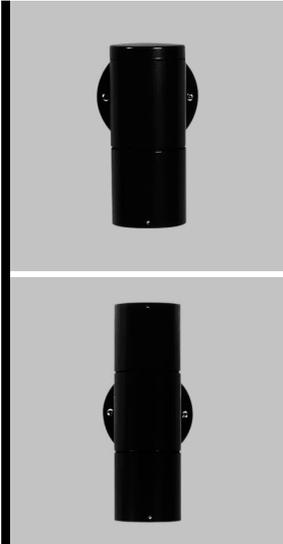
Not included. Available from Lumière as an accessory - see reverse side of this page.

**K ... Labels & Approvals**

UL and cUL listed, standard wet label, IP65 rated, Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

**L ... Warranty**

Lumière warrants its fixtures against defects in materials & workmanship for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.



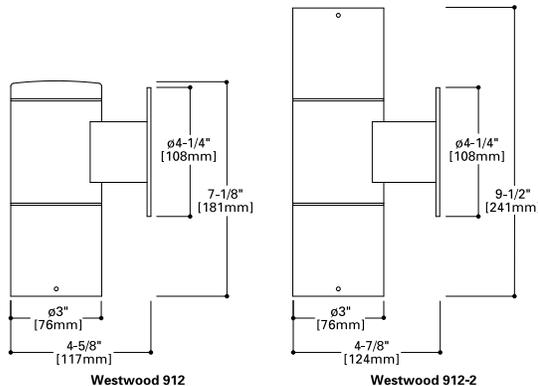
WESTWOOD

**912**  
**912-2**

**50W (max.) PAR20**  
Halogen  
Line Voltage

Wall

**IP65**



Westwood 912

Westwood 912-2

**Westwood 912/912-2**  
Lamp=50PAR20/NSP  
CBCP=5000

**Cone of Light**

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
25'0"	8	10'0"
20'0"	13	8'0"
15'0"	23	6'0"
12'0"	35	5'0"
10'0"	50	4'0"
8'0"	80	3'0"



**Westwood 912/912-2**  
Lamp=50PAR20/NFL  
CBCP=1400

**Cone of Light**

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
25'0"	2	20'0"
20'0"	3	16'0"
15'0"	6	12'0"
12'0"	9	9'6"
10'0"	13	8'0"
8'0"	20	6'6"



**LAMP INFORMATION**

Lamp	ANSI Code	Watts	Beam Spread	CBCP	°K	Life (hrs.)	Base	Volts
50PAR20/NSP	---	50	10°	5000	---	2000	medium	120
50PAR20/NFL	---	50	30°	1400	---	2000	medium	120

NOTE: Inferior quality lamps may adversely affect the performance of this product. Use only name brand lamps from reputable lamp manufacturers.

**NOTES AND FORMULAS**

- Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
- Footcandle values are initial, Apply appropriate light loss factors where necessary.
- Bare lamp data shown. Consult lamp manufacturers to obtain detailed specifications for their lamps.

**ORDERING INFORMATION**

<p><b>Series</b> 912=PAR20 Halogen Up/Down Westwood Wall Fixture</p>	<p><b>Source</b> 50PAR20=50W Max Halogen PAR20, Medium Base</p>	<p><b>Accessories</b></p> <p><b>Filters</b></p> <p>F71-20= Peach Dichroic Filter, 2.50" Dia F73-20= Green Dichroic Filter, 2.50" Dia F75-20= Yellow Dichroic Filter, 2.50" Dia F77-20= Dark Blue Dichroic Filter, 2.50" Dia F79-20= Neutral Density Dichroic Filter, 2.50" Dia F22-20= Red Color Filter, 2.50" Dia F44-20= Green Color Filter, 2.50" Dia F66-20= Mercury Vapor Color Filter, 2.50" Dia</p> <p><b>Optical Lenses</b></p> <p>LSL-20= Linear Spread Lens (elongate standard beam spread), 2.50" Dia DIF-20= Diffused Lens (provide even illumination), 2.50" Dia</p> <p><b>Optical Louver</b></p> <p>LVR-20= Hex Cell Louver (reduce glare), 2.50" Dia</p> <p><b>Lamps</b></p> <p>HP2035-NSP: 35W PAR20 Halogen Narrow Spot, Medium Base HP2050-NSP: 50W PAR20 Halogen Narrow Spot, Medium Base HP2050-NFL: 50W PAR20 Halogen Narrow Flood, Medium Base</p>
<p><b>Lamp Head Quantity</b> _ = One Lamp Head 2 = Two Lamp Heads</p>	<p><b>Voltage</b> 120=120V</p> <p><b>Finish</b></p> <p><b>Painted</b></p> <p>BK: Black BZ: Bronze CS: City Silver VE: Verde WT: White</p> <p><b>Metal</b></p> <p>NBR: Brass NCP: Copper</p>	<p>F72-20= Amber Dichroic Filter, 2.50" Dia F74-20= Medium Blue Dichroic Filter, 2.50" Dia F76-20= Red Dichroic Filter, 2.50" Dia F78-20= Light Blue Dichroic Filter, 2.50" Dia F80-20= Magenta Dichroic Filter, 2.50" Dia F33-20= Blue Color Filter, 2.50" Dia F55-20= Yellow Color Filter, 2.50" Dia</p> <p>OSL-20= Overall Spread Lens (increase beam spread), 2.50" Dia</p> <p>HP2035-NFL: 35W PAR20 Halogen Narrow Flood, Medium Base HP2050-SP: 50W PAR20 Halogen Spot, Medium Base</p>

Notes: \* Lamp not included.  
\* Consult your Cooper Lighting representative for additional options and finishes.



**Specifications and Dimensions subject to change without notice.**  
Lumiere • Customer First Center • 1121 Highway 74 South • Peachtree City, GA 30269 • TEL 770.486.4800 • FAX 770.486.4801

ADL032502

1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069



SURFACE MOUNTED LED DOWNLIGHT

F-4

270 CORAL CIRCLE | EL SEGUNDO, CALIFORNIA 90245 | TEL: 310.552.2191 | FAX: 310.552.2192

## DESCRIPTION

The Boca 631 is a tiny 3" diameter dual lens inground fixture for use with a low voltage MR16 lamp. The non-adjustable beam provides a crisp, white halogen light source for grazing or uplighting in constricted areas. The dual lens design greatly reduces the top glass temperature and allows for installation in pedestrian areas. Designed for recess mounting in concrete, brick, stone or dirt, it is suitable for drive-over applications.

Catalog #		Type
Project		
Comments		Date
Prepared by		

## SPECIFICATION FEATURES

### Material

Recessed housing is constructed from extruded aluminum. Trim ring is precision-machined from corrosion-resistant 6061-T6 aluminum.

### Finish

Fixtures are double protected by a chromate conversion undercoating and polyester powdercoat paint finish, surpassing the rigorous demands of the outdoor environment. A variety of standard colors are available.

### Gasket

Recessed housing and trim ring are sealed with a high temperature silicone o-ring gasket to prevent water intrusion.

### Lens

Minimum 1/4" thick tempered glass lens, factory sealed with high temperature adhesive to prevent water intrusion and breakage due to thermal shock. Suitable for drive-over applications.

### Hardware

Stainless steel hardware is standard to provide maximum corrosion-resistance.

### Socket

Ceramic socket with 250° C Teflon® coated lead wires and GU5.3 bi-pin base.

### Electrical

The line voltage fixture, has an integral 12V magnetic transformer included for connection to 120V, 230V, 240V, or 277V line voltage (specify). The low voltage fixture requires a remote 12V transformer (not included). Dimming only available for 120V option. See technical notes for compatible dimmer switches.

### Lamp

Not included, Sora compatible - 6W Max. LED modules are

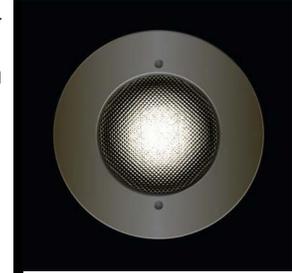
included and are available in four color temperatures (2700,3000,4000,57000 and three distributions (spot, narrow, and flood). Both color temperature and distribution must be specified when ordering. Module has a L70 / 60,000 hour rating.

### Warranty

Lumière warrants its fixtures against defects in materials & workmanship for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

### Recessed Housing

Recessed housing is available to ship in advance of complete fixture for rough-in purposes. Specify option -LBB and order separately recessed housing from below:  
631-BK-BB (low voltage)  
631-BK-BB-IT (line voltage)



**631**  
**BOCA**

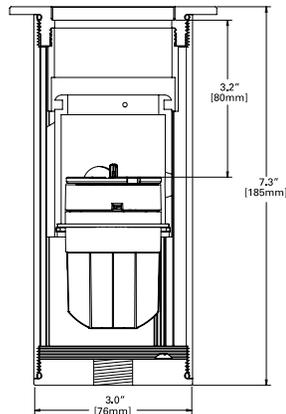
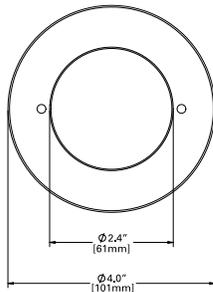
**LED**  
**HALOGEN**

**APPLICATIONS:**  
**GROUND-MOUNT**  
**RECESSED**



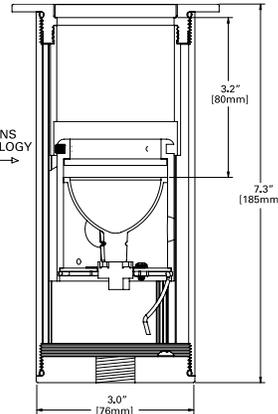
**CERTIFICATION DATA**  
UL and cUL Wet Location Listed  
LM79 / LM80 Compliant  
ROHS\* Compliant  
IP66 Ingressed Protection Rated

**TECHNICAL DATA**  
20W Max. Halogen Line Voltage  
50W Max. Halogen Low Voltage  
6W or 10W LED  
Low Voltage  
Line Voltage



631-LED

TRIL COOL LENS TECHNOLOGY



631-MR16

## ORDERING INFORMATION

Sample Number: 631-50MR16-12-BZ-LBB or 631-20MR16-120/12-BZ-IT-LBB

Series	Source (for LED, select from each column and combine)	Voltage	Finish <sup>1</sup>	Options <sup>2,3</sup>
631=LED or MR16 3" Diameter Non-adjustable Dual Lens Boca Inground	20MR16=20W max. Halogen MR16 when selecting integral transformer option (lamp not included), 50MR16=50W max. Halogen MR16 (lamp not included)	12=12 Volt Remote Transformer Required (not included) 120/12=120V to 12V Integral Transformer 230/12=230V to 12V Integral Transformer 240/12=240V to 12V Integral Transformer 277/12=277V to 12V Integral Transformer	Painted BK=Black BZ=Bronze CS=City Silver VE=Verde WT=White <b>Premium Material</b> NBR=Natural Brass NBZ=Natural Bronze* NCP=Natural Copper NSS=Natural Stainless Steel	IT=Integral Transformer (specify voltage) - 20W max. lamp. LBB=Less Back box
	6LED=6W LED 10LED=10W LED	27=2700K 30=3000K 40=4000K 57=5700K	12=12° Spot 21=21° Narrow 41=41° Wide	

NOTES: 1 Custom and RAL color matching available upon request. Consult factory for further information. 2 When selecting IT option must specify voltage. 3 When specifying LBB option the back box needs to be ordered separately 631-BK-BB or 631-BK-BB-IT \*For natural bronze ROHS material consult factory.



TD525011EN  
September 25, 2017  
1 of 2

1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069

INGRADE UPLIGHT AT FINISH FLOOR

**KGM**

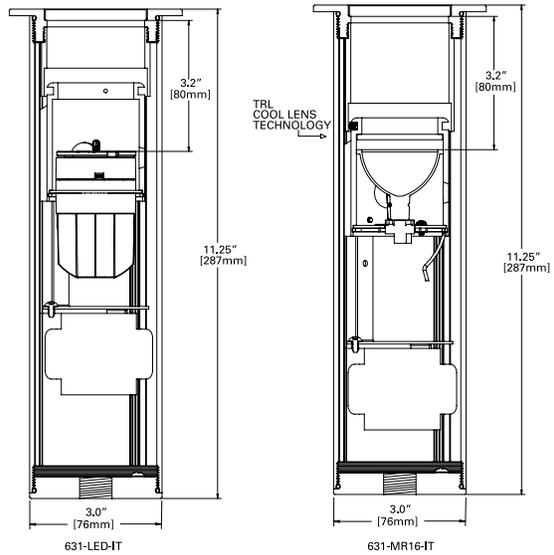
270 CORAL CIRCLE | EL SEGUNDO, CALIFORNIA 90245 | TEL: 310.552.2191 | FAX: 310.552.2192

**F-5**

**ACCESSORIES - ORDER SEPARATELY**

Filters (2.00" Diameter)	Optical Lenses (2.00" Diameter)	Optical Louvers (2.00" Diameter)
F71 = Peach Dichroic F72 = Amber Dichroic F73 = Green Dichroic F74 = Medium Blue F75 = Yellow Dichroic F76 = Red Dichroic F77 = Dark Blue Dichroic F78 = Light Blue Dichroic F79 = Neutral Density Dichroic F80 = Magenta Dichroic F22 = Red Color F33 = Blue Color F44 = Green Color F55 = Yellow Color F66 = Mercury Vapor	LSL=Linear Spread Lens (elongates standard beam spread) DIF=Diffused Lens (provides even illumination) OSL=Overall Spread Lens (increases standard beam spread)	LVR=45° Hex Cell Louver (reduces glare)

**631 INTEGRAL TRANSFORMER**



**PHOTOMETRIC DATA**

**Boca 631**  
 Lamp=50MR16/NSP (EXT)  
 CBCP=11,000

**Cone of Light**

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
15'0"	45	4'0"
10'0"	102	3'0"
8'0"	159	2'0"
6'0"	283	1'6"
4'0"	638	1'0"
2'0"	2550	0'6"

**Lamp Wattage Multiplier**  
 20W x 0.32



**Boca 631**  
 Lamp=50MR16/NFL (EXZ)  
 CBCP=3200

**Cone of Light**

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
15'0"	13	10'0"
10'0"	29	6'6"
8'0"	45	5'0"
6'0"	81	4'0"
4'0"	181	2'6"
2'0"	725	1'0"

**Lamp Wattage Multiplier**  
 42W x 0.72



**Boca 631**  
 Lamp=50MR16/FL (EXN)  
 CBCP=2000

**Cone of Light**

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
15'0"	7	12'0"
10'0"	17	8'0"
8'0"	27	6'6"
6'0"	48	5'0"
4'0"	106	3'0"
2'0"	431	1'6"

**Lamp Wattage Multiplier**  
 20W x 0.30



**Boca 631**  
 Lamp=50MR16/WFL (FNV)  
 CBCP=1200

**Cone of Light**

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
15'0"	5	17'0"
10'0"	11	11'6"
8'0"	17	9'0"
6'0"	30	7'0"
4'0"	67	4'6"
2'0"	269	2'0"



**LAMP INFORMATION**

Lamp	ANSI Code	Watts	Beam Spread	CBCP	°K	Life (hrs.)	Base	Volts
50MR16/NSP	EXT	50	12°	11,000	3050	4000	GU5.3 bi-pin	12
50MR16/NFL	EXZ	50	25°	3200	3050	4000	GU5.3 bi-pin	12
50MR16/FL	EXN	50	40°	2000	3050	4000	GU5.3 bi-pin	12
50MR16/WFL	FNV	50	60°	1200	3050	4000	GU5.3 bi-pin	12

NOTE: Inferior quality lamps may adversely affect the performance of this product. Use only name brand lamps from reputable lamp manufacturers.

**TECHNICAL INFORMATION**

- Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
- Footcandle values are initial. Apply appropriate light loss factors where necessary.
- Bare lamp data shown. Consult lamp manufacturers to obtain detailed specifications for their lamps.



Eaton  
 18001 East Colfax Avenue  
 Aurora, CO 80011  
 P: 303-393-1522  
 www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

TD525011EN  
 September 25, 2017  
 2 of 2

**1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069**



INGRADE UPLIGHT AT FINISH FLOOR

**F-5**

270 CORAL CIRCLE | EL SEGUNDO, CALIFORNIA 90245 | TEL:310.552.2191 | FAX:310.552.2192

# Model: WL-LED200

## LEDme® Step Light

# WAC LIGHTING

Responsible Lighting®



Fixture Type:

Catalog Number:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

### PRODUCT DESCRIPTION

Vertical rectangle LEDme® Step Light. Designed for safety and style on stairways, patios, decks, balcony areas, walkways and building perimeters.

Features an architectural design. Energy efficient for long-lasting indoor and outdoor lighting solutions. Creates an attractive, romantic impression at night.

### FEATURES

- 316 marine grade cast stainless steel (SS) available
- Direct wiring, no driver needed
- Low profile, flush to wall aesthetics with no visible hardware
- 40,000 hour rated life
- Balanced lighting, free of shadows with minimum glare
- Up to 200 fixtures can be connected in parallel
- Replaceable LED module
- 5 year WAC Lighting product warranty

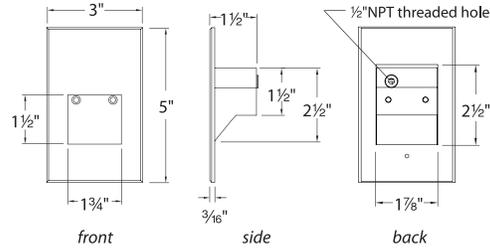
### ORDER NUMBER

Model #	Color	Finish
WL-LED200	C White 3000K	SS Stainless Steel
WL-LED200F	AM Amber 610nm	BK Black
	RD Red 640nm	WT White
	BL Blue 450nm	BN* Brushed Nickel
		BZ Bronze

\*Brushed Nickel Finish is for interior use only



Example: WL-LED200F-AM-BZ



### SPECIFICATIONS

**Construction:** Die-cast aluminum or 316 marine grade cast stainless steel

**Power:** Direct wiring, no remote driver needed. Input voltage: 120V or 277V AC 50/60Hz

**Light Source:** 3000K CCT Samsung HV-AC High Power LED, CRI: 85  
Optional color lenses. Total power consumption of 3.9W

**Mounting:** Fits into 2" x 4" J-Box with minimum inside dimensions of 3"L x 2"W x 2"H Includes bracket for J-Box mount.

**Dimming:** Dim to 10% with electronic low voltage (ELV) dimmer  
Approved dimmers: Lutron Nova-T NTELV-300 & NTELV-600, Lutron Vietri VTELV-600, Lutron Diva DVELV-300P, Lutron Skylark SELV-300P, Lutron Maestro MAELV-600

**Standards:** IP66, UL & cUL Listed for wet locations

### FINISHES



wacighting.com  
Phone (800) 526.2588  
Fax (800) 526.2585

Headquarters/Eastern Distribution Center  
44 Harbor Park Drive  
Port Washington, NY 11050

Central Distribution Center  
1600 Distribution Ct  
Lithia Springs, GA 30122

Western Distribution Center  
1750 Archibald Avenue  
Ontario, CA 91760

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program. MAR 2016

1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069



RECESSED WALL MOUNTED STEP LIGHT

F-6

270 CORAL CIRCLE | EL SEGUNDO, CALIFORNIA 90245 | TEL: 310.552.2191 | FAX: 310.552.2192

# Model: WL-LED200

## LEDme® Step Light

# WAC LIGHTING

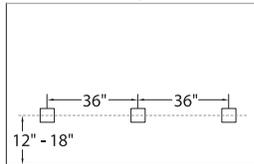
Responsible Lighting®

### FIXTURE PERFORMANCE

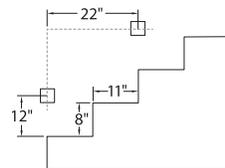
Input Voltage	Light Color	Finish	Lumens	Input Voltage	Light Color	Finish	Lumens
WL-LED200 120V	C White	SS Stainless Steel	36	WL-LED200F 277V	C White	SS Stainless Steel	33
		BK Black	27			BK Black	23
		WT White	63			WT White	54
		BN Brushed Nickel	27			BN Brushed Nickel	23
		BZ Bronze	29			BZ Bronze	26
	AM Amber	SS Stainless Steel	21		AM Amber	SS Stainless Steel	18
		BK Black	16			BK Black	13
		WT White	31			WT White	27
		BN Brushed Nickel	16			BN Brushed Nickel	13
		BZ Bronze	17			BZ Bronze	14
	RD Red	SS Stainless Steel	2		RD Red	SS Stainless Steel	2
		BK Black	2			BK Black	1.5
		WT White	4			WT White	3
		BN Brushed Nickel	2			BN Brushed Nickel	1.5
		BZ Bronze	2			BZ Bronze	2
	BL Blue	SS Stainless Steel	4		BL Blue	SS Stainless Steel	4
BK Black		3	BK Black	3			
WT White		7	WT White	4			
BN Brushed Nickel		3	BN Brushed Nickel	3			
BZ Bronze		4	BZ Bronze	3			

### SPACING RECOMMENDATIONS FOR OPTIMAL LIGHT DISTRIBUTION

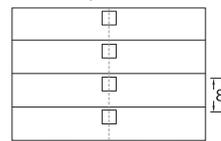
Corridors / Hallways



Stairs - Wall Mount



Stairs - Step Mount



Mount in center of stair as close to the upper tread as possible. For best results use one light per step for steps narrower than 5'.

wacighting.com  
Phone (800) 526.2588  
Fax (800) 526.2585

Headquarters/Eastern Distribution Center  
44 Harbor Park Drive  
Port Washington, NY 11050

Central Distribution Center  
1600 Distribution Ct  
Lithia Springs, GA 30122

Western Distribution Center  
1750 Archibald Avenue  
Ontario, CA 91760

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program. MAR 2016

1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069



RECESSED WALL MOUNTED STEP LIGHT

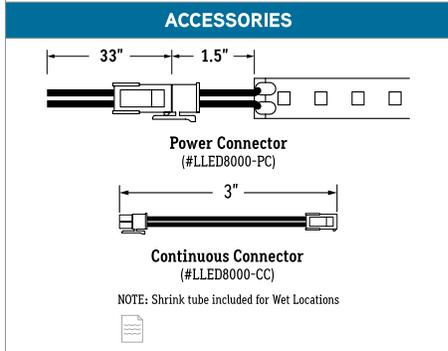
F-6

270 CORAL CIRCLE | EL SEGUNDO, CALIFORNIA 90245 | TEL: 310.552.2191 | FAX: 310.552.2192

FEATURES	
<b>APPLICATIONS</b>	Accent, Decorative Lighting
<b>VOLTAGE</b>	24VDC
<b>LAMP TYPE</b>	LEDs
<b>DIMMING</b>	Forward Phase (TRA) 0-10V (TRA-E) Hi-Lume 1% A Series (2 Wire) Hi-Lume 1% (3 Wire)
<b>LENGTH</b>	Built to Order
<b>MOUNTING</b>	Mounting Clips or Mounting Channel
<b>CRI</b>	> 90
<b>EFFICACY</b>	95 Lumens per Watt
<b>VIEWING ANGLE</b>	120 Degrees
<b>L70 LED LIFE</b>	60,000 hrs.
<b>MAXIMUM RUN*1</b> (Based on 5 amps)	18' (6.5W) 21' (5.5W) 26' (4.5W) 33' (3.6W) 36' (1.5W, 2.5W)
<b>LISTING</b>	Dry or Wet Location UL2108, CSA C22.2#9 UL8750, CSA250

**ELECTRICAL**

lipLEDs is a 24 Volt system. lipLEDs requires a 24VDC (secondary side) transformer. The standard primary side voltage on our transformers is 120V or 277V. Consult factory for other primary side voltages. See transformer brochure for additional information.



**LED SPECIFICATIONS**

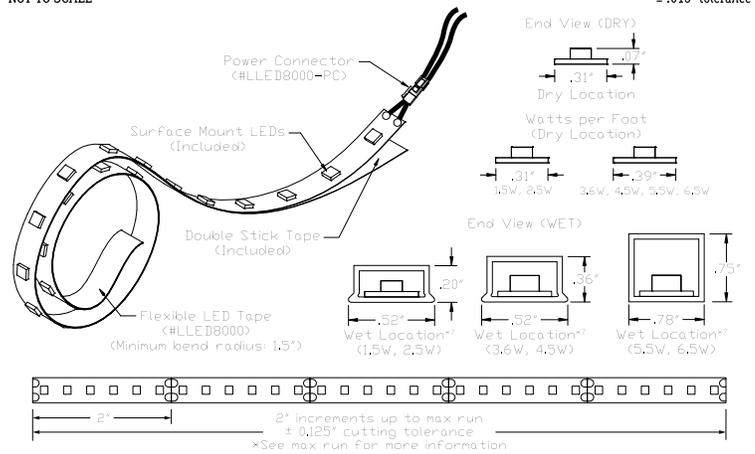
LAMP NUMBER	DESCRIPTION
LED-2.4K	2400K Warm White
LED-2.7K	2700K Warm White
LED-3.0K	3000K Warm White
LED-3.5K	3500K Neutral White
LED-4.0K	4000K Cool White
LED-4.5K	4500K Cool White
LED-A*5	Amber
LED-R*5	Red
LED-G*5	Green
LED-B*5	Blue

Consult factory for cooler white color temperatures

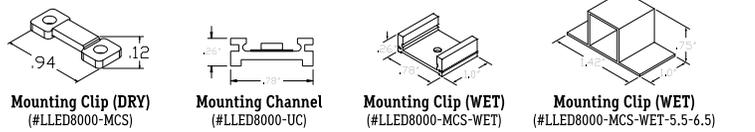
<b>MODEL NUMBER</b>	<b>LLED8000</b>	<b>FIXTURE TYPE</b>
---------------------	-----------------	---------------------

NOT TO SCALE

± .015" tolerance



**MOUNTING OPTIONS (For LED tape only, not included)**



**SPECIFY PRODUCT CODE (Use drop down menu to complete table or fill in the blanks)**

SERIES	OPTICS	WATTS PER FOOT	DIMMING	LAMP	DRY OR WET	FINISH
Ex: LLED8000	CL	3.6W	DM	LED-3.5K	WET	WH
LLED8000*1	LLED8000-RPM	Clear Lens (CL)*9	Forward Phase (DM)	LED-2.4K	Indoor (DRY)	Natural Silver (NA)*2
LLED8000-CM*1	LLED8000-SQC	50% Semi-Frosted Lens (SF)	0-10V (10V)	LED-2.7K	Outdoor (WET)*6	Polished (PA)
LLED8000-CMC	LLED8000-SOL			LED-3.0K		
LLED8000-CR	LLED8000-SR	3.6 Watts (3.6W)	Hi-Lume 1% A (2 Wire)*3	LED-3.5K		White (WH)
LLED8000-L	LLED8000-SRT			LED-4.0K		
LLED8000-LPFF	LLED8000-ST	4.5 Watts (4.5W)	Hi-Lume 1% (3 Wire)*4	LED-4.5K		Satin (SA)
LLED8000-LPG	LLED8000-STL			LED-A*5		
LLED8000-LPL	LLED8000-UC*1	5.5 Watts (5.5W)	Leave blank for Non-Dimming	LED-R*5		Green (GN)
LLED8000-LPR	LLED8000-UCS			LED-G*5		
LLED8000-LR	LLED8000-VR	6.5 Watts (6.5W)		LED-B*5		Silver (SR)
LLED8000-OL	LLED8000-WLPR					
LLED8000-RC	LLED8000-WMC	6.5 Watts (6.5W)				Custom Powder Coat (PC)
LLED8000-RCR	LLED8000-WMR					
LLED8000-RME						

\*1 Maximum run based on 4 amps for class II applications: 14' (6.5W), 17' (5.5W), 21' (4.5W), 26' (3.6W), 36' (1.5W, 2.5W)  
 \*2 Standard finish - Natural Silver if left blank (finish does not apply to LLED8000, LLED8000-ST or LLED8000-STF)  
 \*3 40 watt max Hi-Lume Lutron 1% A #L3DA4U1UKL-CV240  
 \*4 40 watt max Hi-Lume Lutron 1% #L3DA4U1UKL-CV240  
 \*5 Only available in 2.5W and 5.5W  
 \*6 Run lengths required for Wet Location products (To ensure proper seal)  
 \*7 Wet Location tube measures .52" x .20" for 1.5W, 2.5W, and 3.6W.  
 \*8 Tube size increases to .52" x .36" for 4.5W and increases to .78" x .75" for 5.5W and 6.5W  
 \*9 No optics available  
 \*10 Standard lens - Clear if left blank



CALIFORNIA ACCENT LIGHTING, INC.  
 2034 E. Lincoln Ave. #431, Anaheim, CA 92806  
 ph. 800.921.CALI (2254) or 714.535-7900 \ fx. 714.535.7902  
 info@calilighting.com \ callighting.com

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1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069



LOW VOLTAGE SURFACE MOUNTED LINEAR LED

F-7 - F-9

270 CORAL CIRCLE | EL SEGUNDO, CALIFORNIA 90245 | TEL: 310.552.2191 | FAX: 310.552.2192

# neonLEDs™

MODEL NUMBER	NLED	FIXTURE TYPE
--------------	------	--------------

FEATURES	
<b>APPLICATIONS</b>	Decorative Lighting
<b>VOLTAGE</b>	24V or 120V
<b>LAMP TYPE</b>	LEDs
<b>DIMMING</b>	120V: Not Dimmable 24V: 0-10V Dimming (TRA-E)
<b>MAXIMUM RUN</b>	32' (24V), 150' (120V)
<b>FINISH</b>	White
<b>FEED</b>	Power Connector
<b>MOUNTING</b>	U-Channel or Mounting Clip
<b>LISTING</b>	Dry or Wet Location

### ELECTRICAL

neonLEDs is available in 24 or 120 Volts. The 120V system does not require a remote driver. The 24V system requires a remote driver. See transformer brochure (TRA-E).

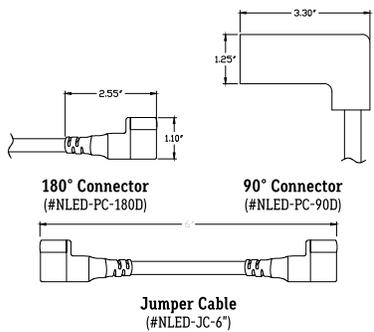
### ENERGY SAVINGS

neonLEDs provides energy savings up to 70% compared to other light sources. Traditional Neon glass fixtures operate at 15,000V and consume 8.75 watts per linear foot. NeonLEDs consumes 1.8 watts per linear foot.

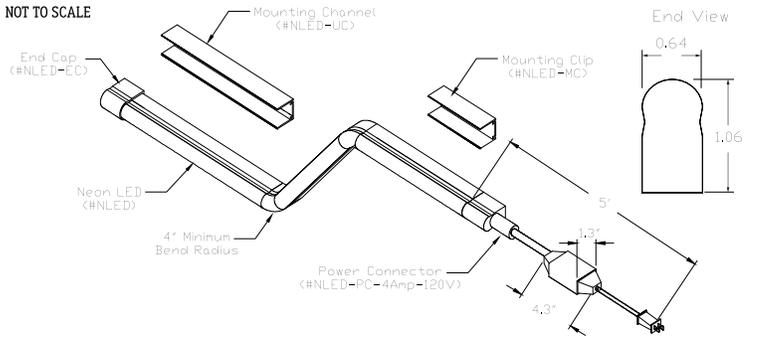
### FLEXIBILITY

neonLEDs is a highly flexible LED system that allows for field shaping and designs including letters, patterns, and other applications.

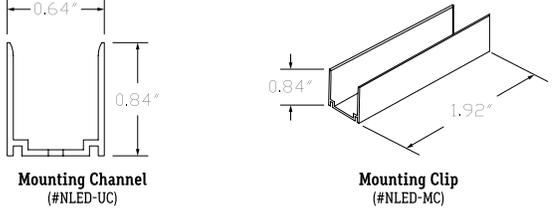
### ACCESSORIES (Not Included)



See installation instructions for additional details



### MOUNTING OPTIONS (Not Included)



### SPECIFY PRODUCT CODE (Use drop down menu to complete table or fill in the blanks)

NLED	1.8W				
SERIES	WATTS PER FOOT	LED	VOLTAGE	POWER CORD	
<i>Example: NLED</i>	<i>1.8W</i>	<i>LED-3.0K</i>	<i>120V</i>	<i>NLED-PC-180D-120V-4A-5'</i>	
NLED	1.8 Watts (1.8W)	LED-2.7K	120V	NLED-PC-180D-120V-4A-5' (Max NLED run: 150)* <sup>2</sup>	
		LED-3.0K	24V* <sup>1</sup>		
		LED-3.5K		NLED-PC-90D-120V-4A-5' (Max NLED run: 150')	
		LED-5.0K		NLED-PC-180D-120V-1.6A-5' (Max NLED run: 60')	
		LED-R		NLED-PC-90D-120V-1.6A-5' (Max NLED run: 60')	
		LED-G		NLED-PC-180D-24V-5' (Max NLED run: 32')* <sup>3</sup>	
		LED-B		NLED-PC-90D-24V-5' (Max NLED run: 32')	
		LED-A			
		LED-OR			

\*<sup>1</sup> 24V requires remote driver  
\*<sup>2</sup> Standard 120V power cord if left blank  
\*<sup>3</sup> Standard 24V power cord if left blank

LAMP NUMBER	DESCRIPTION	L70 LED LIFE	LUMENS PER FOOT	120V MAXIMUM RUN	120V ASSEMBLED INCREMENTS	24V MAXIMUM RUN	24V ASSEMBLED INCREMENTS
LED-2.7K	2700K Warm White	50,000 hrs.	20	150'	19.68"	32'	5.68"
LED-3.0K	3000K Warm White	50,000 hrs.	20	150'	19.68"	32'	5.68"
LED-3.5K	3500K Neutral White	50,000 hrs.	20	150'	19.68"	32'	5.68"
LED-5.0K	5000K Cool White	50,000 hrs.	20	150'	19.68"	32'	5.68"
LED-R	Red	50,000 hrs.		150'	19.68"	32'	5.68"
LED-G	Green	50,000 hrs.		150'	19.68"	32'	5.68"
LED-B	Blue	50,000 hrs.		150'	19.68"	32'	5.68"
LED-A	Amber	50,000 hrs.		150'	19.68"	32'	5.68"
LED-OR	Orange	50,000 hrs.		150'	19.68"	32'	5.68"

Note: 4000K, 4500K, 5500K, 6000K available with minimum 750 ft. | Tolerances: Assembled increments ± .5"



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1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069



LOW VOLTAGE SURFACE MOUNTED CURVABLE LINEAR LED

# F-10 - F-11

270 CORAL CIRCLE | EL SEGUNDO, CALIFORNIA 90245 | TEL: 310.552.2191 | FAX: 310.552.2192

# VIA 3 LED

RECESSED



LUMENWERX  
WWW.LUMENWERX.COM



Grid - regressed lens



Drywall - flush lens

### DESCRIPTION

**Via 3** is a compact linear LED luminaire system for pendant, surface, and recessed or in-wall installation, whether as discrete luminaires, continuous runs, or patterns. Via 3 features numerous high-efficiency optical configurations, including wall wash, asymmetric and offers a wide range of electrical options and trim details. See separate spec sheets for patterns and other mountings.

PROJECT: \_\_\_\_\_  
TYPE: \_\_\_\_\_  
NOTES: \_\_\_\_\_



up to 121 lm/w performance

### ORDER GUIDE

IC RATED

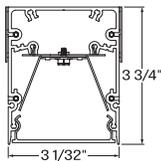
LUMINAIRE ID	HLO OPTICS	LED LIGHT SOURCE	CRI	LUMEN PACKAGES	COLOR TEMP.
<b>VIA3RF</b> - via 3" recessed flush lens	HLO - High-Efficiency Lambertian Optic	LED - high performance LED	80 - 80CRI 90 - 90CRI	500 - min. low output 500lm/ft	30 - 3000k
<b>VIA3RR</b> - via 3" recessed regressed lens				750 - medium output 750lm/ft	35 - 3500k
				1000 - max. high output 1000lm/ft	40 - 4000k
				#### - other required lm/ft	

LUMINAIRE LENGTH	VOLTAGE	DRIVER	ELECTRICAL	MOUNTING	FINISH
Standard sections - 2', 3', 4', 5', 8' & 12'	120 - 120V	D1 - 1% dimming 0-10V	1 - 1 circuit	TG9 - tegular 9/16"	W - matte white
For all other specify length	277 - 277V	D5 - 5% dimming 0-10V	+EB - emergency battery (min 4' fixture, except Lutron)	TG15 - tegular 15/16"	CF# - custom finish specify RAL#
#FT - nominal length in feet	UNV - 120V-277V	DA - Dali	+EM - emergency light circuit	TB9 - t-bar 9/16"	
#IN - length in inches	347 - 347V	LTEA2W - Lutron 1% - 2 wires 120V	+NL - night light circuit	TB15 - t-bar 15/16"	
Continuous Run - for luminaires over 12'		L3DA3W - Lutron 1% - 3 wires	+COB/MR - COB/MR circuit	ST - screw slot t-bar	
Minimum Individual section 2'		L3DAE - Lutron 1% Eco System	+GTD### - generator transfer device, 120V or 277V	DTR - drywall trim	
		LDE1 - Lutron 1% Eco Dim to Off		DTL - drywall trimless	
		LDE5 - Lutron 5% Eco System		DMF - drywall mud flange	

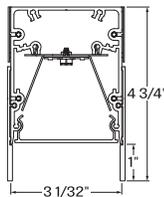
CONTROLS	LED DOWNLIGHT	COB CRI	COB LUMEN PACK.	COB COLOR TEMP.	COB DRIVER	OPTIONS
<b>INDIVIDUAL CONTROLS</b>	#COB20 - COB 20°	80 - 80CRI	600 - 600lm	30 - 3000k	D1 - 1% dimming 0-10V	FU - fuse
OMS - Onboard Occupancy	#COB30 - COB 30°	90 - 90CRI	1200 - 1200lm	35 - 3500k	D5 - 5% dimming 0-10V	FWC - flexible whip cable (6' std)
ODS - Onboard Daylight	#COB40 - COB 40°	97 - 97CRI	1800 - 1800lm	40 - 4000k	DA - Dali	CP - Chicago Plenum
OCS - Onboard Occupancy & Daylight	#MR16 - MR16 LED	(consult factory)				CU - custom
<b>GROUPED CONTROLS</b>	Minimum individual section with downlight 4'					
LSC - Local system						
NSC - Network system						

See page 2 for ordering code detailed information

### CROSS SECTION



VIA3RF - flush



VIA3RR - regressed

### OPTICS



HLO - High-efficiency Lambertian Optic

TECHZONE™ & USG Compatible with 4" ceiling

File Name: VIA3-RECESSED-SPEC	Page: 1 / 5	August 13, 2017	
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1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069

KGM

RECESSED LINEAR LED DOWNLIGHT

F-12

270 CORAL CIRCLE | EL SEGUNDO, CALIFORNIA 90245 | TEL: 310.552.2191 | FAX: 310.552.2192

**OPTICS**

**HIGH EFFICIENCY LAMBERTIAN OPTIC (HLO)** - matte white side reflectors combined with High-Efficiency Lambertian Optic (HLO) shielding of diffusing 0.075" thick acrylic with up to 88% transmission and good source obscuration. Luminaire brightness is controlled by the flux-to-shielding area ratio.

**LIGHT SOURCE - LED**

Custom linear array of mid-flux LED's are cartridge-mounted with quick-connect wiring to facilitate service and thermal management. Available in 3000K, 3500K and 4000K with a minimum 80 CRI and an option for 90 CRI with elevated R9 value. Color consistency maintained to within 3 SDCM. LEDs operated at reduced drive current to optimize efficacy and lumen maintenance. All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

**PERFORMANCE PER 4' AT 4000K**

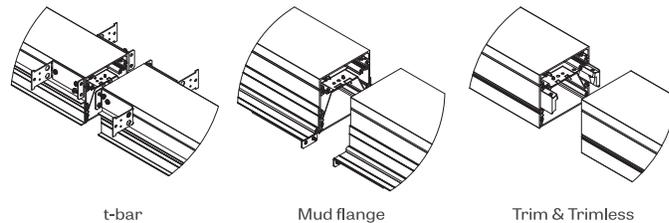
LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	4000K	16.5	2000	121
medium output	4000K	25.5	3000	117
high output	4000K	34.5	4000	116

**LUMINAIRE LENGTH**

Via 3 is made up of standard 2, 3, 4, 5, 8 and 12 foot sections that may be joined together to create longer continuous run lengths. Exact run length must be noted in the product code. The minimum individual section available is 2 foot, and continuous run lengths can be ordered in 2 inch increments.

All individual sections are joined together onsite using the joiner kits provided. LumenWerx offers joiner kits that are extremely simple to work with in the field and result in a fixture that appears virtually seamless with no light leak at any connection.

**Joining system**



**ELECTRICAL**

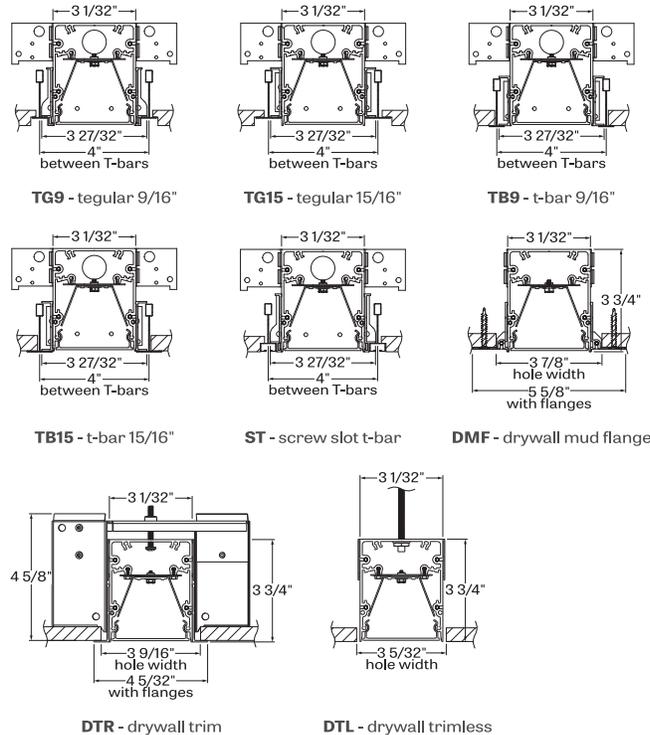
Factory-set adjustable output current electronic driver with 120-277V AC line input. Dimmable from 100% to 1% with 0-10V control. Rated life (90% survivorship) of 50,000 hours at 50°C max. ambient (and 70°C max. case) temperature. At maximum driver load: Efficiency>84%, PF>0.9, THD<20%. Other specifiable options include Lutron Hi-Lume A (specify 2, 3 or 4 wires), EcoSystem H (100%-1%, fade-to-black) and EcoSystem 5 (100%-5%) dimmable drivers and DALI protocol drivers.

**EMERGENCY**

Factory installed long life high temperature recyclable Ni-Cad battery pack with test switch and charge indicator, minimum of 90 minutes operation, up to 1000 lumens per 4ft (25°C) emergency lighting output. Recharge time of 24 hours.

### MOUNTING OPTIONS

Recess mount into exposed or concealed T-Bar or Tegular grid ceiling Via 3 is fully compatible with Armstrong Techzone™ & USG ceilings  
Mounting for drywall ceilings are available with visible trim, mud flange trim or trimless



### FINISH

**Interior** - 95%, reflective matte powder coated white paint

**Exterior** - matte white or aluminum powder coating.

Custom finishes are also available.

### CONTROLS

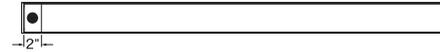
LumenWerx offers several options for integrating occupancy and daylight controls. Whether a sensors control its own fixture or is part of a group of fixtures, lights can be automatically controlled according to different energy saving strategies.

With **individual Controls**, an on-board sensor controls the fixture in which it is installed. Depending on the length, more than one sensor may be necessary and may control the entire fixture, or just a section.

With **Grouped Controls**, on-board or remote sensor are part of a either a local or network sensor infrastructure. It's possible to scale the controls, from a switch to a fixture setup, to a room or a whole building Occupancy and or daylight harvesting.

### INDIVIDUAL CONTROLS

Individual controls are integrated into the fixture and are therefore easy to use and allow for a cleaner looking space as no ceiling or wall-mounted sensors are required. Individual controls can be one of three types (**OMS**) Occupancy, (**ODS**) Daylight Harvesting (Photocell), or (**OCS**) combined occupancy and daylight harvesting. These controls will be installed with factory settings, but most offer field adjustability with regular tools or manufacturer supplied configuration tools.



Location of an Onboard control

### GROUPED CONTROLS

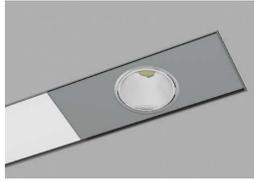
**Local systems** permit added flexibility and interconnectivity. Each fixture can now become part of a group of fixtures and be controlled by On-Board or remote sensors as well as wireless switches or controllers. With this architecture, it is now possible to have fewer fixtures with On-Board sensor which control all of the fixtures of the lighting zone. In order to have grouped controls programmed in factory, it is required that a floor layout with requested grouping and functionality be supplied. Field commissioning is also possible but must be requested and discussed before final Purchase Order is placed.

**Network Controls**, Lumenwerx fixtures are compatible with most popular BMS integration protocols such as DALI, DMX, EnOcean, BACnet, Enlighted and Lutron Ecosystem just to name a few. Field commissioning is usually required and details must be discussed before final Purchase Order is placed.

**Please contact our controls department at [controls@lumenwerx.com](mailto:controls@lumenwerx.com) for future assistance.**

**LIGHT SOURCE - COB**

Fixtures with Chip On Board (COB) technology are able to provide a maximum output of 1800 lumens from a discrete 50mm aperture on 8 inch centers. Standard CRI is 80, for 90 and 97 CRI with elevated R9 values please consult factory. Standard 20, 30 and 40 degree beam angles are available, as are custom angles with prior factory approval. All our Chip-On-Board products have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 50,000 hours.



Chip On Board (COB)

**LIGHT SOURCE - MR16**

Our MR16 option is a replaceable bulb solution which allows for up to a 50W halogen equivalent solution.

**CONSTRUCTION**

**Housing** - Extruded Aluminum (0.095" nominal) up to 90% Recycled Content

**Interior brackets** - Die formed cold rolled sheet steel 18 gauge thick

**Joining system** - Die cast Zinc (0.95" nominal) and die Formed galvanized sheet 18 gauge

**Reflectors** - Cold rolled steel 0.024" thick precisely die formed, 95% reflective matte white painted

**Recessed flanges** - Extruded Aluminum (0.075" nominal) up to 90% Recycled Content

**Mud flange** - Extruded Aluminum (0.075" nominal) up to 90% Recycled Content

**Slip-through bracket** - Die Formed galvanized sheet 18 gauge

**End plate** - Die formed cold rolled sheet steel 18 gauge thick

**WEIGHT**

Via 3 4ft - 11.12lbs - 5.05kg

Via 3 8ft - 22.25lbs - 10.1kg

Via 3 12ft - 33.48lbs - 15.2kg

**CERTIFICATIONS**

**ETL** - Rated for Dry/Damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

**DLC** - Testing to DLC requirements, for this product, have been completed by an Accredited Laboratory and certified by DLC.

**Lighting facts** - testing products and reporting performance results according to industry standards.

**Chicago plenum** - City of Chicago Approved (CCEA)

**IC rated** - suitable for direct contact with insulation.

**WARRANTY**

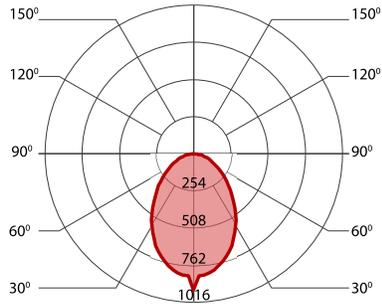
LumenWerx provides a five-year limited warranty of electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. LumenWerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.

VIA 3 LED

RECESSED

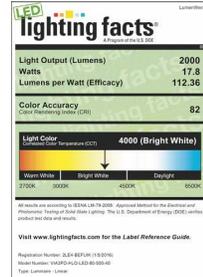
LUMENWERX  
WWW.LUMENWERX.COM

500 LUMEN AT 80CRI - LOW OUTPUT

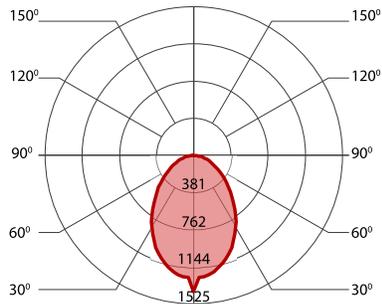


PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	3000K	17.5	2000	114
low output	3500K	17	2000	117
low output	4000K	16.5	2000	121



750 LUMEN AT 80CRI - MEDIUM OUTPUT

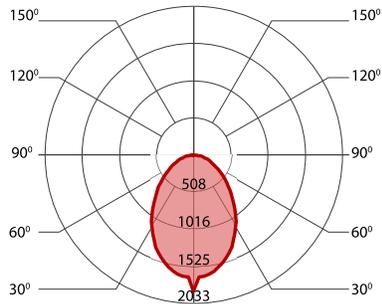


PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
medium output	3000K	27	3000	111
medium output	3500K	26.5	3000	113
medium output	4000K	25.5	3000	117

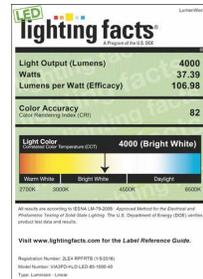


1000 LUMEN AT 80CRI - HIGH OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
high output	3000K	36.5	4000	110
high output	3500K	35.5	4000	113
high output	4000K	34.5	4000	116



File Name: VIA3-RECESSED-SPEC

Page: 5 / 5

August 13, 2017

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1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069

KGM

RECESSED LINEAR LED DOWNLIGHT

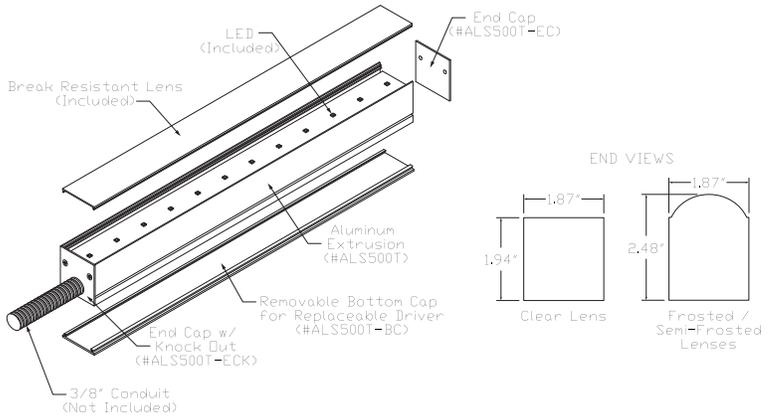
F-12

270 CORAL CIRCLE | EL SEGUNDO, CALIFORNIA 90245 | TEL: 310.552.2191 | FAX: 310.552.2192

FEATURES	
<b>APPLICATIONS</b>	Indirect and Direct Lighting
<b>PRIMARY VAC</b>	Universal (120V to 277V)
<b>SECONDARY VDC</b>	24VDC
<b>LAMP TYPE</b>	High Output LEDs (No Mercury)
<b>LENGTH</b>	4' Lengths with Custom Lengths (Built to Order - Specify Overall Length) Examples: 3'2" = 1 x 3'2" (custom length)* 13'6" = 4' + 4' + 3' + 2'6"* 20' = 4' + 4' + 4' + 4' + 4' 23'8" = 4' + 4' + 4' + 4' + 4' + 3'8" *Minimum Length 1'4"
<b>CONSTRUCTION</b>	Aluminum Extrusion
<b>MOUNTING</b>	Mounting Clips
<b>LISTING</b>	Dry Location
<b>CRI</b>	High Output (HO) > 90
<b>DIMMING</b>	0-10V (100%-0%)
<b>EFFICACY</b>	132 Lumens Per Watt

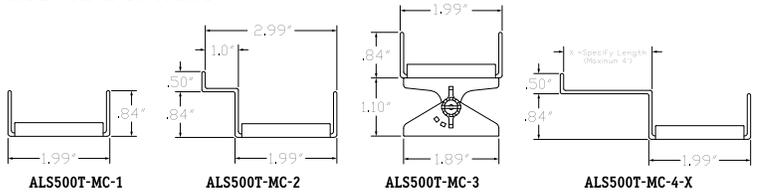
LAMP SPECIFICATIONS			
LAMP NUMBER	DESCRIPTION	L70 LED LIFE	LUMENS PER WATT
LED-2.4K	2400K Incand.White	60,000 hrs.	132
LED-2.7K	2700K Warm White	60,000 hrs.	132
LED-3.0K	3000K Warm White	60,000 hrs.	132
LED-3.5K	3500K Neutral White	60,000 hrs.	132
LED-4.0K	4000K Neutral White	60,000 hrs.	132
LED-4.5K	4500K Neutral White	60,000 hrs.	132
LED-5.0K	5000K Cool White	60,000 hrs.	132
LED-5.7K	5700K Cool White	60,000 hrs.	132

NOT TO SCALE

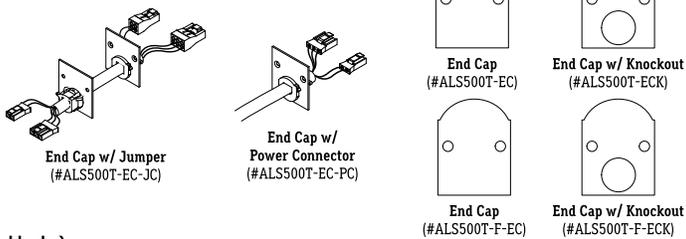


\*See installation instructions for additional information.

### MOUNTING OPTIONS



### ACCESSORIES



### HOW TO ORDER OR SPECIFY Product Code: (Fill in the blanks)

SERIES	FINISH	LED	WATTS PER FOOT	DIMMING	OUTPUT	DRY OR WET	LUMINAIRE VOLTAGE	LENGTH OF FIXTURE
Example: ALS500T-F	WH	LED-2.7K	8W	10V	HO	DRY	UNV	36"
ALS500T (Clear Lens)	White (WH)	LED-2.4K	4 Watts (4W)	0-10V (10V) 100% to 0%	High (HO)	Indoor (DRY)	120V-277V** Line Voltage (UNV)	Specify Length
ALS500T-SF (Semi-Frosted Lens) (50% Frosted Lens)	Satin (SA)	LED-2.7K	5 Watts (5W)					
ALS500T-F (Frosted Lens) (100% Frosted Lens) (No Pixelation - Line of Light)	Black (BK)	LED-3.0K	6 Watts (6W)					
		LED-3.5K	8 Watts (8W)					
		LED-4.0K	12 Watts (12W)					
		LED-4.5K						
		LED-5.0K						
		LED-5.7K						

\*\* Integral drivers wattage sized based on length of run. Example: 5' run x 2 watts per foot = 10 watts. Driver will be sized to 10 watts maximum. Maximum length for line voltage (Integral Driver) is 320 watts per run. Example: 320 watts ÷ 8 watts per foot = 40 feet max run.

Note: End Caps, End Caps w/ Knockout, or End Caps w/ Power Connector not included, order separately.



CALIFORNIA ACCENT LIGHTING, INC.  
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1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069



LINE VOLTAGE SURFACE MOUNTED LINEAR LED

# F-13 (A-C)

270 CORAL CIRCLE | EL SEGUNDO, CALIFORNIA 90245 | TEL: 310.552.2191 | FAX: 310.552.2192

# MARK ARCHITECTURAL LIGHTING™



## Full Circle LED

### Recessed - Arc

Anything a designer can imagine can be brought to life with Full Circle's super-efficient LED technology.

Arc-shaped segments with radii from 1' to 10' nominal add interest and fun to ordinary recessed slot installations. A recessed lens option provides added dimensions to the sleek, slender design.

Type:

Project:

Catalog Number:

DO NOT TYPE HERE. Autopopulated field.

## Specification Features (continued on page 2)

### Housing

Nominal 1', 2', 3', 4', 6', 8' or 10' radius arcs may be used independently or combined to create patterns or shapes. 3.5" x 4.5" formed 20 ga. cold-rolled steel with extruded trims and flanges.

### Finish

Painted high reflectance matte white powder coat

### Reflector

Precision-formed steel; high reflectance matte white powder coat; 93% reflectivity

### Shielding

Flush Lens: Snap-in 90% transmissive satin acrylic lens

Regressed Lens: Lay-in 90% transmissive satin acrylic lens

### Mounting

Recessed. Available for sheetrock, 9/16" slot grid or 15/16" inverted tee ceilings, or 9/16" inverted tee.

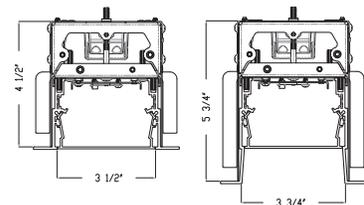
### Fixture Performance - FCL ARC FLP 6RAD 80CRI 35K

Lumens Output	400 LMF	600 LMF**	800 LMF**	1000LMF**
Fixture Style	FLP	FLP	FLP	FLP
Delivered Lumens	651	1072	1442	1785
Input Watts	7.6	12.7	18.2	23.9
Lumen/Watt	85.6	84.4	79.2	74.7

\* Consult factory for customized lumen output and wattage.

\*\* Based on calculated values derived from 6RAD Arc.

## Technical Drawing



FL - Trim  
Flush Lens

FL - Trim  
Regressed Lens



## Ordering

Example: FCL ARC 8RAD FLP FL 80CRI 35K 800LMF 2DL 80CRI S35K MIN1 120 NLIGHT

Series	Fixture Plan	Radius	Fixture Style	Ceiling Trim	Direct Light Source Color Rendering
FCL Full Circle LED	ARC Arc	1RAD 1' Radius 2RAD 2' Radius 3RAD 3' Radius 4RAD 4' Radius	RLP Regressed Lens FLP Flush Lens	FL <sup>1</sup> 5/8" Flange (sheetrock) GB <sup>2</sup> Trimless (sheetrock)	80CRI 80 CRI 90CRI 90 CRI
Direct LED Color Temp	Direct LED Light Output	Secondary Light Source <sup>3</sup>	Secondary Light Source Color Rendering	Secondary Light Source Color Temp	
30K 3000K	400LMF <sup>4</sup> 400 Lumens per FT	1DL 1 LED downlight left end	S80CRI 80 CRI	S27K 2700K	
35K 3500K	600LMF 600 Lumens per FT	1DLR 1 LED downlight right end	S90CRI 90 CRI	S30K 3000K	
40K 4000K	800LMF 800 Lumens per FT	2DL 2 LED downlights each end		S35K 3500K	
	1000LMF 1000 Lumens per FT	3DL <sup>4</sup> 3 LED downlights ends and center		S40K 4000K	
Minimum Dimming Level	Voltage	Emergency Options	Control Input	Options	
NODIM Non-Dim	120 120V	E10W Emergency with integral battery pack	ZT 0-10V	CP Chicago Plenum	
MIN1 Constant current, dimming to 1%	277 277V	EMG Emergency Generator Power	NLIGHT <sup>5</sup> nLight enabled	DPL Damp Location Listing	
DARK Constant current, dimming to <1%			DALI <sup>6</sup> Dali		
			ECO Lutron EcoSystem interface module		

### Notes

- Not intended for post sheetrock installation.
- 400LMF power factor at 277V <0.8
- Downlights only available with DARK dimming option, not available with ECO option.
- 3DL only available for 10RAD.
5. 277 with NLIGHT requires external nLight power supply
6. DALI available with DARK minimum dimming only.

marklighting.com | 888-834-5684 | ©2013-2017 Acuity Brands Lighting, Inc. All Rights Reserved. We reserve the right to change design, materials and finish in any way that will not alter installed appearance or reduce function and performance.

Page 1

FULL CIRCLE LED ARCS 05/25/17

1830 BLUE HEIGHTS DRIVE | LOS ANGELES CALIFORNIA 90069



RECESSED CIRCULAR LED IN GYM

# F-14 (A-C)

270 CORAL CIRCLE | EL SEGUNDO, CALIFORNIA 90245 | TEL: 310.552.2191 | FAX: 310.552.2192

**Specification Features (continued)**

**LED Components**

Linear: Nichia® - 757 Series LED chips (available in 80 or 90 CRI)

**LED Life**

Rated 65,000 hours (L80) at 25 °C ambient temperature.

**Color Consistency**

The Acuity Brands circuit boards for the linear LED components use a precise binning algorithm which creates a consistent color temperature from board to board. Color variation is no greater than a 2.5 Step MacAdam (2.5SDCM) along the black body locus from board to board.

**Driver**

eldoLED constant current driver options delivers ultra-smooth dimming resolution from 100% to <1%, while assuring flicker free, low current inrush, 89% efficiency and low EMI.

**Integrated Controls**

Optional nLight® embedded controls make luminaire addressable-allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocontrols. Simply connect all the nLight enabled control devices using standard CAT5 Cabling. 277 systems require external nLIGHT power supply, such as NPS 80. (Input option: NLIGHT)

**A+ Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a **shaded background\***
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a **shaded background\***

To learn more about A+, [visit www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

\*See ordering tree for details

**Notes**

- For full product offering refer to standard product specification sheet(s)
- For photometric information refer to [www.marklighting.com](http://www.marklighting.com)

**Certification**

CSA Certified to meet U.S. and Canadian standards, rated for Chicago Plenum and damp location listings.

**Warranty**

5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

**Note:** Actual performance may differ as a result of end-user environment and application.

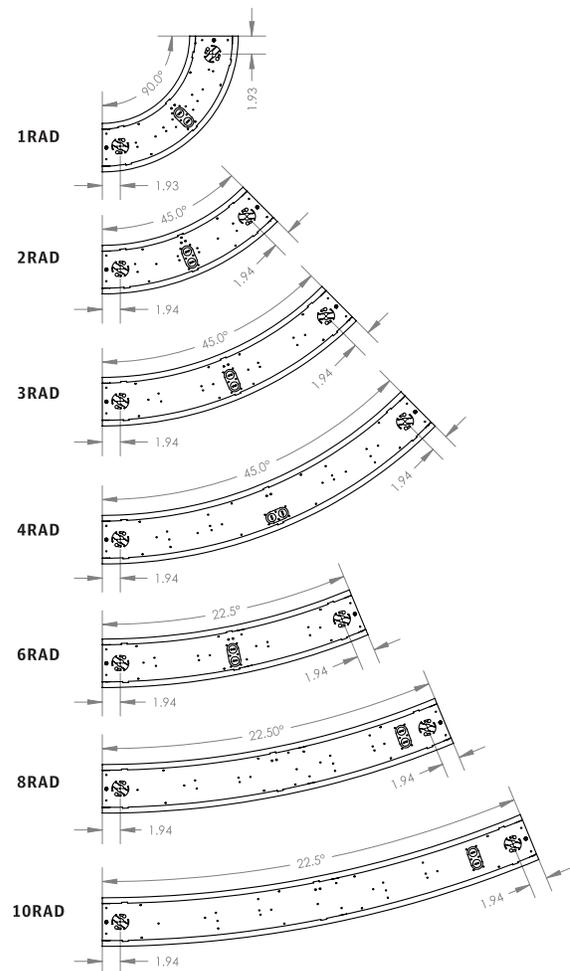
All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

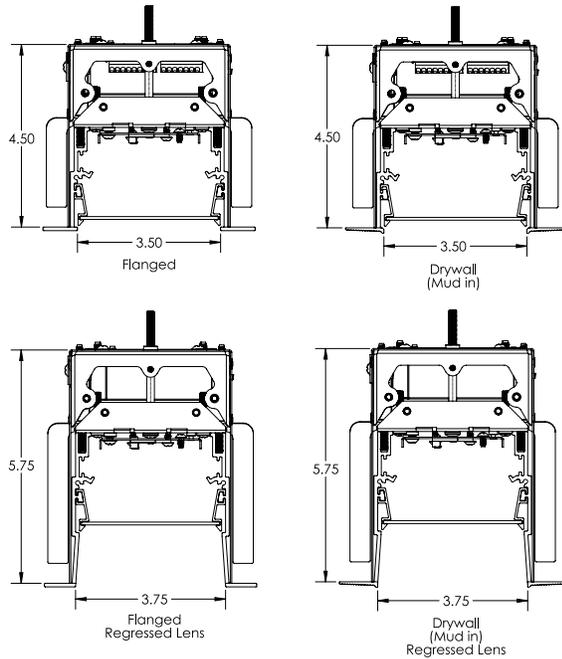
For full product offering refer to standard product specification sheet(s)

For photometric information refer to [www.marklighting.com](http://www.marklighting.com)

**Arcs and Lengths**



**Ceiling Trim / Technical Drawing**



**Downlights**

Optional downlights powered by Xicato Spot Modules are available with any linear length and no less than 2' on center spacing. Each downlight module is 10W with 700 lumens delivered. Downlights are supplied with a dedicated feed-point and will be controlled separately.



**Notes**

- Downlights are not adjustable and are provided with solite lens