

EVOKE® G2 FIATO

4.75" ROUND ADJUSTABLE TRIMLESS LED

E4.75RA-G2-F-TL
LED

APPLICATIONS:

Retail and commercial accent and display lighting

CONSTRUCTION:

20 ga. steel painted matte black
Formed aperture plate
Cast aluminum plaster frame with perforated face
Integral adjustable locking mounting bars
Thermally protected
Die-cast lamp housing and heat sink

REFLECTOR CONSTRUCTION:

Spun aluminum reflector with angle cut
Steel mounting ring with torsion spring

ELECTRICAL:

Electronic constant current LED driver (non-dim)
120v or 277v input
Optional ELV (120v only), 0-10V, and Lutron dimming
This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Amerlux® recommends using additional surge protection with this unit (supplied by others), surge damage is not covered by warranty.


OPTICS:

0-40° tilt, 360°+ rotation
LED cluster:
Color Temp: 2700K, 3000K, 3500K, 4000K
CRI: 80 (2700K, 3000K, 3500K, 4000K)
90 (3000K)
Life: 50,000 hrs
Lumen Maintenance: >70% of initial lumens @ 50,000 hrs
Lumen Output (Spot, 3000K):
27w 976 lm typ; 33w 1195 lm typ; 38w 1374 lm typ
CBCP (3000K): up to 17,462 (38w)
Beam options: Spot 10°, Narrow Flood 15°, Flood 25°
Wide Flood 40°
Field interchangeable spun aluminum reflectors

MOUNTING:

For use in sheet rock ceilings

LABELING:

 pending UL standard as tested by CSA
Damp location
For indoor use only

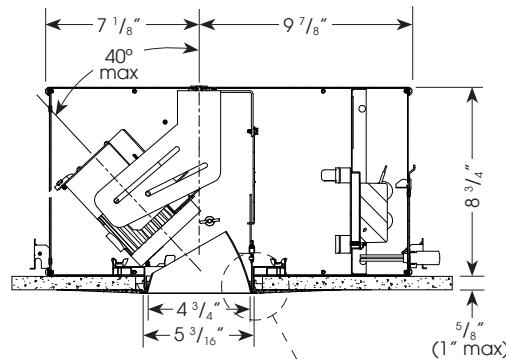
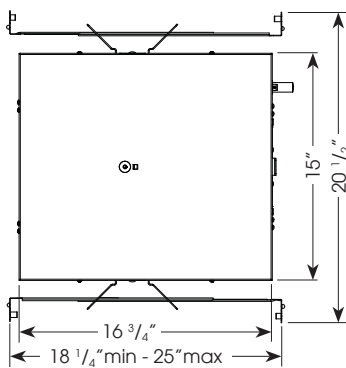


PROJECT:

TYPE:



Electrostatic sensitive device,
observe precautions for
handling



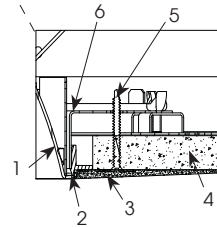
Ceiling Cut Out Dimension: 5 7/8"

ELECTRICAL

Driver	27 w		33 w		38 w	
	System Watts	Amps	System Watts	Amps	System Watts	Amps
Electronic 120v	27	.23	33	.28	38	.32
277v	27	.10	33	.12	38	.14

Class 2 constant current driver

1. Reflector cone
2. Plaster (mud) ring
3. Spackle (by others)
4. Ceiling
5. Hardware (sheetrock screw)
6. Fixture aperture/frame



10 year limited
warranty
AMERLUX LED

(see website for details)

ORDERING INFORMATION:

HOUSING:							REFLECTOR:	
Model	Wattage	Lamp Type	Voltage	Beam Spread	Color Temp	Options	Model	Aperture Finish
E4.75RA-G2-F-TL	27	LED	120	SP - spot, 10°	2700	DIM-ELV - ELV dimming (120v only)	E4.75RA-G2-F-TL	SD - semi-diffuse
	33		277	NF - narrow flood, 15°	3000	0-10V - 0-10v dimming		
	38			FL - flood, 25°	3500	HILUME - Lutron Hi-lume® EcoSystem 3 wire, 1% dimming		
				WF - wide flood, 40°	4000	CP - Chicago Plenum (27w & 33w only)		

Complete Unit Example: E4.75RA-G2-F-TL-38-LED-120-SP-3000/E4.75RA-G2-F-TL-SD

Housing Example: E4.75RA-G2-F-TL-38-LED-120-SP-3000

Reflector Example: E4.75RA-G2-F-TL-SD

Cat #:

Amerlux reserves the right to change details that do not affect overall function and performance.

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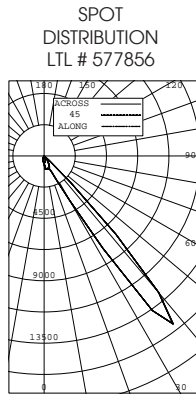
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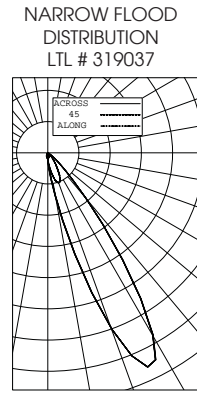
FIXTURE DATA: For 27w data, multiply by 0.71; For 33w data, multiply by 0.87

Complete photometric data (ies format) available upon request.

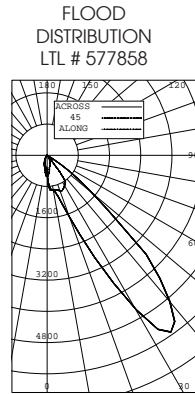
38W LED



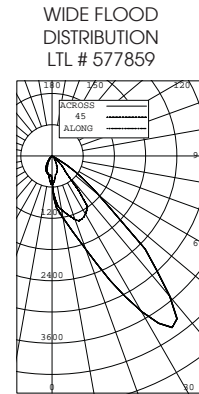
Deg	Candela
0	441
5	972
15	946
25	1261
35	13609
45	2679
55	104



Deg	Candela
0	476
5	937
15	953
25	1601
35	9115
45	4195
55	32



Deg	Candela
0	492
5	899
15	1091
25	2889
35	5534
45	3592
55	576

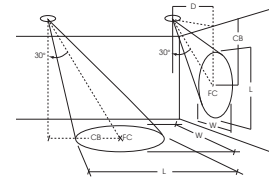


Deg	Candela
0	491
5	1003
15	1483
25	2639
35	4027
45	2530
55	610

APPLICATION DATA:

Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).
 D=Distance to floor or wall.
 FC=Footcandles on floor or wall at center beam aiming location.
 L=Effective Visual Beam length in feet (50% of maximum footcandle level).
 W=Effective Visual Beam width in feet (50% of maximum footcandle level).
 CB=Distance across or down to center beam location.



	Aiming Angle Horizontal Footcandles					Aiming Angle Vertical Footcandles				
	D	FC	L	W	CB	D	FC	L	W	CB
SPOT	5.0'	191	2.1	2.0	4.0	3.0'	204	2.1	1.6	3.5
	7.5'	101	2.6	2.8	6.0	4.0'	145	2.6	2.1	5.5
	10.0'	64	3.3	3.8	7.0	5.0'	108	2.7	2.5	6.5
	12.5'	44	3.8	4.5	9.0	6.0'	82	3.0	2.9	7.5
NARROW FLOOD	5.0'	135	2.5	2.3	4.0	3.0'	158	2.1	1.8	3.5
	7.5'	70	3.3	3.2	5.0	4.0'	99	2.8	2.5	5.5
	10.0'	45	4.0	3.8	7.0	5.0'	73	3.3	2.8	6.5
	12.5'	30	4.9	4.7	9.0	6.0'	55	3.7	3.7	7.5
FLOOD	5.0'	99	3.4	3.2	3.0	3.0'	111	2.8	2.3	3.5
	7.5'	50	4.6	4.2	5.0	4.0'	69	3.7	2.9	4.5
	10.0'	29	6.0	5.6	7.0	5.0'	47	4.4	3.4	5.5
	12.5'	19	7.3	6.8	8.0	6.0'	33	5.3	4.1	6.5
WIDE FLOOD	5.0'	79	4.7	3.7	3.0	3.0'	84	3.0	2.7	3.5
	7.5'	37	6.1	5.6	5.0	4.0'	51	4.0	3.5	4.5
	10.0'	22	7.9	7.3	6.0	5.0'	34	4.7	4.3	5.5
	12.5'	14	9.9	9.2	8.0	6.0'	24	5.8	5.1	7.5