Project:_____

Type:_____

Product:_____

AURAMED 12-14 LED
AAS12/AAS14/AAG12/AAG14/AAF12/AAF14

SPECIFICATION FEATURES

HOUSING: 20 gauge formed cold rolled steel housing with continuous seam welds. Aluminum and stainless steel option available.

FRAME: Inset and overlapping doorframe available in aluminum, cold rolled steel, and stainless steel. Inset extruded door available in anodized aluminum or white painted aluminum. Frame held to housing via aircraft cable.

LENS: Clear acrylic lens with smooth side out. Clear polycarbonate lens options available.

LAMP DIFFUSER: Perforated metal screen painted white, and lined with .20" thick white acrylic diffuser.

LED: Available in three color temperatures 3500°K, 4000°K and 5000°K. Other color temperatures available, consult factory. 0-10V dimming available with 10-100% range and 1-100% range. Must specify dimming under options.

FASTENERS: Philips flat head screws with captive cage nuts.

GASKET Closed cell EPDM and closed cell silicone gaskets prevent air contaminations from entering the fixture.

FINISH: White antimicrobial powder coat finish following an iron phosphate pre-treatment.

APPLICATION:
Patient Rooms, Hospitals, Examination Rooms, Lobbies, Corridors, and more.

MOUNTING:
Surface, Grid and Flange installation options. Flange fixtures come with adjustable 90° swing arm for easy installation.

LABEL:
Fixture is certified to UL standards. Certified IP65, ISO4, NSF and Damp Location.

c(UL)us (ISO 4) (IP65) (NSF) DAMP LOCATION

ORDERING INFORMATION

Ex: AAS12-HC/IA-L2401C-A-UN-DM

PRODUCT FAMILY	MOUNTING	NOMINAL SIZE *Dimensional Data Pg. 2	HOUSING	FRAME Inset (I) or Overlap (O)	LUMEN OUTPUT** *Performance Data Pg. 2
AA					

MOUNTING
S = Surface
G = Grid
F = Flange

NOMINAL SIZE
12 = 1x2
14 = 1x4

HOUSING
HC= 20Ga. CRS (standard)
HS= 20Ga. SS (Brushed)
HP= 20Ga. SS (painted)
HA= .050Ga. Alum. (painted)

FRAME Inset (I) or Overlap (O)
IE=Extruded Alum. ✔ ◆
IP=Extruded Alum. ✔ ◆ (Painted)
IP65:
IC=20Ga.CRS
IA= .050 Alum. (Painted)
IB=20Ga.S.S. (Brushed)
IS=20Ga.S.S. (Painted)
OC=18Ga.CRS (Standard)
OS=18Ga.S.S (Brushed)
OP=18Ga.S.S. (Painted)
OA= .050 Alum.(Painted)

LUMEN OUTPUT
L2 = Standard
L3 = Medium

LAMP TYPE	CIRCUITS	BOTTOM FRAME LENS	VOLTAGE	OPTIONS

LAMP TYPE
35 = 3500°K
40 = 4000°K
50 = 5000°K

CIRCUITS
1C = 1C Circuit
2C = 2C Circuits

BOTTOM FRAME LENS
A = .125 Clear Acrylic
B = .125 Clear Poly.
C = .156 Clear Acrylic Φ
D= .156 Clear Poly. Φ
E = .187 Clear Acrylic
F = .187 Clear Poly.

VOLTAGE
12 = 120V
27 = 277V
34 = 347V
UN = Universal (120V-277V)

OPTIONS
DM   LN
DM1   EL1
SDM   EL2
FZ*   TH
          TM

KEY

DM = 0-10V dimming with 10-100% range
DM1 = 0-10V dimming with 1-100% range
SDM = Step Dimming Module
FZ = Fuse*
LN = LED Night Light (3500°K standard). Integrated switch allows light levels at 100%, 70%, 40%, and 10%.

EL1 = Emerg. Bat. LED Low (10W)
EL2 = Emerg. Bat. LED High (20W)
TH = Torx Head screws (with center pin)
TM = Tandem Mount (not available for flange)

✔ Not IP65
* Cannot use with UN voltage
** Subject to change
◆ Must use with .156 Acrylic or Poly lens
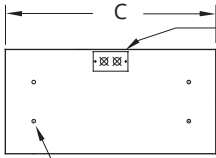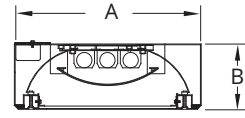Φ Can only be used with IE or IP

Notes:
Specifications and Dimensions are subject to change without notice. If lamp type is not specified at time of quote or order, fixture will be set with 3500°K.
If circuit is not specified at time of quote or order, fixture will have single circuit.

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DIMENSIONAL DATA

SURFACE MOUNTING

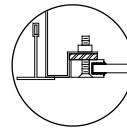
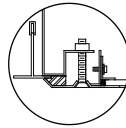REMOVABLE COVER; GASKETED TO HOUSING WITH (2) 7/8" DIA. K.O.'S
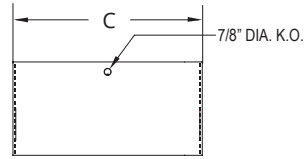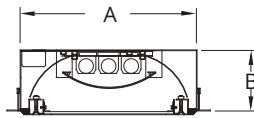
12: (4) 7/16" DIA. THRU HOLES
14: (6) 7/16" DIA. THRU HOLES
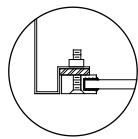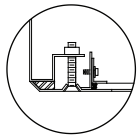
OVERLAPPING FRAME

ALUMINUM EXTRUDED INSET FRAME

GRID MOUNTING

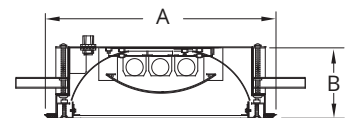7/8" DIA. K.O.

OVERLAPPING FRAME

ALUMINUM EXTRUDED INSET FRAME

FLANGE MOUNTING
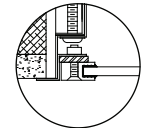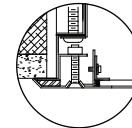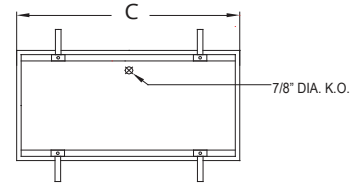
7/8" DIA. K.O.

OVERLAPPING FRAME

ALUMINUM EXTRUDED INSET FRAME

	A	B	C	Rec. Ceiling Cut-Out
AAS12	12.00"	3.94"	24.07"	-
AAS14	12.00"	3.94"	48.07"	-
AAG12	11.69"	3.94"	24.20"	-
AAG14	11.69"	3.94"	48.07"	-
AAF12	13.13"	3.94"	25.25"	24-3/8" x 12-3/8"
AAF14	13.13"	3.94"	49.13"	48-3/8" x 12-3/8"

PERFORMANCE DATA[¨]

MODEL	OUTPUT	LAMP TYPE	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
AA12	Standard	3500°K	800	32	25
		4000°K	1000	40	25
		5000°K	1200	48	25
	Medium	3500°K	1200	32	38
		4000°K	1500	39	38
		5000°K	1800	47	38
AA14	Standard	3500°K	1600	32	50
		4000°K	2000	40	50
		5000°K	2400	48	50
	Medium	3500°K	2400	32	75
		4000°K	3000	40	75
		5000°K	3600	48	75

Notes:
¨Peformance Data subject to change without notice.
Specifications and Dimensions are subject to change without notice.
For additional options and dimensional details please consult your New Star Lighting Representative.

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Project:_____
Type:_____
Product:_____

AURAMED 12-14 FLUORESCENT
AAS12/AAS14/AAG12/AAG14/AAF12/AAF14

SPECIFICATION FEATURES

HOUSING: 20 gauge formed cold rolled steel housing with continuous seam welds. Aluminum and stainless steel option available.

FRAME: Inset and overlapping doorframe available in aluminum, cold rolled steel, and stainless steel. Inset extruded door available in anodized aluminum or white painted aluminum. Frame held to housing via aircraft cable.

LENS: Clear acrylic lens with smooth side out. Clear polycarbonate lens options available.

LAMP DIFFUSER: Perforated metal screen painted white, and lined with .20" thick white acrylic diffuser.

ELECTRONICS: Electronic instant start ballast <10% THD standard. Lamps by others.

FASTENERS: Philips flat head screws with captive cage nuts.

GASKET Closed cell EPDM and closed cell silicone gaskets prevent air contaminations from entering the fixture.

FINISH: White antimicrobial powder coat finish following an iron phosphate pre-treatment.

APPLICATION:
Patient Rooms, Hospitals, Examination Rooms, Lobbies, Corridors, and more.

MOUNTING:
Surface, Grid and Flange installation options. Flange fixtures come with adjustable 90° swing arm for easy installation.

LABEL:
Fixture is certified to UL standards. Certified IP65, ISO4, NSF and Damp Location.

c(UL)us   (ISO 4)   (IP65)   (NSF)   DAMP LOCATION

ORDERING INFORMATION
Ex: AAS12-HC/IA-2171C-E-UN

PRODUCT FAMILY	MOUNTING	NOMINAL SIZE *Dimensional Data Pg. 2	HOUSING	FRAME Inset (I) or Overlap (O)	# OF LAMPS
AA					

MOUNTING
S = Surface
G = Grid
F = Flange

NOMINAL SIZE
12 = 1x2
14 = 1x4

HOUSING
HC= 20Ga. CRS (standard)
HS= 20Ga. SS
HP= 20Ga. SS (painted)
HA= .050Ga. Alum. (painted)

FRAME Inset (I) or Overlap (O)
IE=Extruded Alum. ✔ ✦
IP=Extruded Alum. ✔ ✦ (Painted)
IP65:
IC=20Ga.CRS
IA= .050 Alum. (Painted)
IB=20Ga.S.S. (Brushed)
IS=20Ga.S.S. (Painted)
OC=18Ga.CRS (Standard)
OS=18Ga.S.S (Brushed)
OP=18Ga.S.S. (Painted)
OA= .050 Alum.(Painted)

 # OF LAMPS
2 = 2 Lamps
3 = 3 Lamps

LAMP TYPE	CIRCUITS	BOTTOM FRAME LENS	VOLTAGE	OPTIONS

LAMP TYPE
12:
14 = Linear 14 T5
17 = Linear 17 T5
24 = Linear 24W T5 HO
14:
28= Linear 28 T5
32 = Linear 32 T5
54 = Linear 54W T5 HO

CIRCUITS
1C = 1 Circuit
2C = 2 Circuits

BOTTOM FRAME LENS
A = .125 Clear Acrylic
B = .125 Clear Poly.
C = .156 Clear Acrylic Φ
D = .156 Clear Poly. Φ
E = .187 Clear Acrylic
F = .187 Clear Poly.

VOLTAGE
12 = 120V
27 = 277V
34 = 347V ■
UN = Universal (120V-277V)

OPTIONS
DB   E1*◄
PR   E2*◄
FZ* RF*
NL   TH
     TM

KEY

DB = Dimming Ballast (0-10V)*
PR = Program Rapid Start
FZ = Fuse*
NL = Fluorescent Night Light*

E1 = Emerg. Batt. Pack (450 lm)*◄
E2 = Emerg. Batt. Pack (1100 lm)*◄
RF = (RIF) Radio Interference Filter*
TH = Torx Head Screws (w center pin)
TM = Tandem Mount

✔ Not IP65
* Cannot use with UN voltage
◄ Consult factory for T5 availability
■ Consult factory for lamp ballast options
✦ Must use with .156 Acrylic or Poly lens
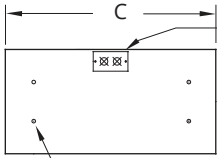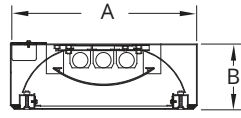Φ Can only be used with IE or IP

Notes:
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Page 1/2

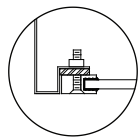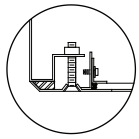**New Star**

DIMENSIONAL DATA

SURFACE MOUNTING

GRID MOUNTING

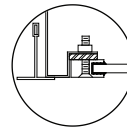### FLANGE MOUNTING

REMOVABLE COVER; GASKETED TO HOUSING WITH (2) 7/8" DIA. K.O.'S
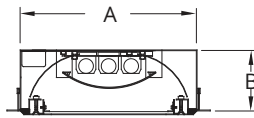
12: (4) 7/16" DIA. THRU HOLES
14: (6) 7/16" DIA. THRU HOLES

7/8" DIA. K.O.

7/8" DIA. K.O.

OVERLAPPING FRAME
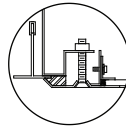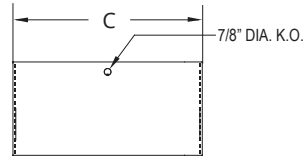
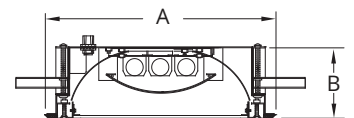**ALUMINUM EXTRUDED INSET FRAME**

OVERLAPPING FRAME

ALUMINUM EXTRUDED INSET FRAME

OVERLAPPING FRAME

ALUMINUM EXTRUDED INSET FRAME

	A	B	C	Rec. Ceiling Cut-Out
AAS12	12.00"	3.94"	24.07"	-
AAS14	12.00"	3.94"	48.07"	-
AAG12	11.69"	3.94"	24.20"	-
AAG14	11.69"	3.94"	48.07"	-
AAF12	13.13"	3.94"	25.25"	24-3/8" x 12-3/8"
AAF14	13.13"	3.94"	49.13"	48-3/8" x 12-3/8"

Notes:
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For additional options and dimensional details please consult your New Star Lighting Representative.

2225 West Pershing Rd. Chicago, IL 60609   **www.newstarlighting.com**   **773.847.1400**

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