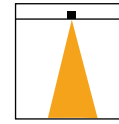
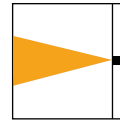
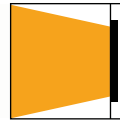




FORUM

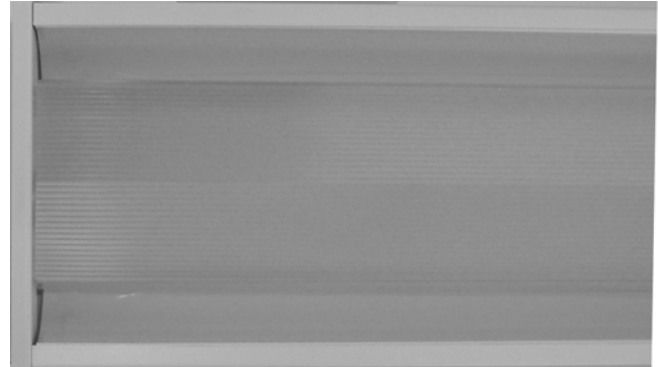
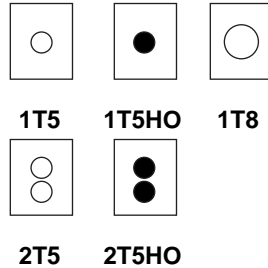
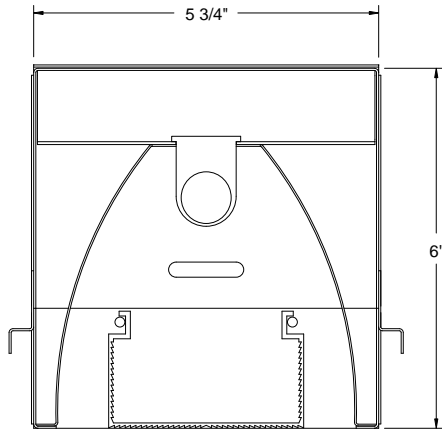
JOB _____

FIXTURE TYPE _____



AIR

STEEL RESESSED LUMINAIRE
6" x 6" FLOATING CENTER LENS



ORDERING CODE

AIR Resessed Housing Series Dimensions H x W

Mounting Type:
G = ACT Grid
D = Hard Ceiling
DH = Horizontal In-wall
DV = Vertical In-wall

Lamping:
1T5 = 1T5
1T5HO = 1T5HO
1T8 = 1T8
2T5 = 2T5
2T5HO = 2T5HO

Length:
2 = 2'
3 = 3'
4 = 4'
5 = 5'

Voltage:
120 = 120V
277 = 277V
UNV = Universal

Finish:
WH = White (Standard)

* Consult Factory
 ** Specify Manufacturer

AIR- 66 - [] - [] - [] - [] x [] - [] - **WH** - []

"G" Trim Options:
T = 1" "T" Bar
F = 9/16" Flat Fine Line
B = 9/16" Bolt Slot Tegular T Bar

"D" Trim Options:
F = Flange Frame
FF = Flange Free "Mud-in" trim

Shielding:
CLP = Clear extruded linear prismatic acrylic snap in lens
WLP = White opal extruded linear prismatic acrylic snap in lens
SAT = Satin extruded high transmittance acrylic snap in lens
WOL = White Opal extruded highly diffuse acrylic snap in lens

Options:
EC = Emergency Circuit
EM1 = 550 Lumen EBP*
EM2 = 1100 Lumen EBP*
DIM = Dimming**
F = Fusing
AR = Air return

DESCRIPTION

The AIR series is a compilation of unique recessed luminaires specifically designed for the specification market. Clean aesthetic lines are achieved through the use of die formed cold rolled steel external housing components in concert with virgin acrylic extruded diffusing medium, that produces a structurally integral unitized assembly with the illusion of the diffuser being suspended in mid-air. Attention to function is evident in the design of the internal components which are die formed and designed to ease the process for the installing contractor. Superior optical performance is achieved through the use of computer enhanced reflector design and cutting edge coating materials. The AIR family of products brings classic style forward to a new level of performance.

SPECIFICATION

HOUSING ENCLOSURE: Comprised of multiple die formed cold rolled steel components to provide a nominal 6x6 housing envelope. All housing components are manufactured from 20ga CRS. All housings are finished through a multistage triphospher wash cycle followed by the electrostatic application of a polyester hybrid powder coat which is then baked on to achieve a uniform white finish. Custom colors are available to the designer.

REFLECTOR: Computer enhanced design is applied to a 22 gauge aluminum sub straight. The reflector is coated with an optically pure matt white finish that provides a minimum reflectance of 98%.

BALLAST: Each luminaire is provided with an electronic ballast. Standard, a multi-lamp high power factor, low THD universal voltage product is used. If a project requires a specific performance ballast please contact the factory for availability.

SHIELDING: centered into the fixture aperture, a extruded virgin acrylic linear prismatic diffuser is secured in place with no visible attachment fasteners

MOUNTING: The fixture is created to be recess-mounted into numerous horizontal and vertical mediums. 15/16" ACT grid is the standard configuration. However the AIR can be configured to interface with virtually all of today's architectural ceiling system, as well as flanged for gyp board ceilings and walls.

LISTINGS: All fixtures bare an AFL-CIO/IBEW union label and are UL listed for wet location.

PERFORMANCE

Zonal Lumen Summary:
AIR-66-1T5HO-SAT

Zone	Lumens	%Lamp	%Fixt
0- 30	452.0	22.6	30.9
0- 40	699.0	34.9	47.8
0- 60	1158.0	57.9	79.2
0- 90	1462.0	73.1	100.0
0-180	1462.0	73.1	100.0

Total Luminaire Optical Efficiency = 73.1%

Candela Distribution:

	0.0	22.5	45.0	67.5	90.0
0.0	649.5	649.5	649.5	649.5	649.5
5.0	629.5	641.9	642.3	636.6	633.0
10.0	616.3	623.3	616.1	612.5	607.3
15.0	605.1	601.9	587.4	565.3	562.7
20.0	577.9	570.4	540.0	510.1	501.0
25.0	544.3	532.2	482.4	461.9	447.5
30.0	505.7	490.9	440.5	399.1	387.2
35.0	464.4	440.4	385.3	348.0	344.4
40.0	420.3	388.3	332.7	314.0	313.0
45.0	373.4	344.0	292.7	284.8	286.9
50.0	329.0	296.0	261.9	256.1	255.0
55.0	288.5	257.2	233.2	229.4	230.0
60.0	251.2	222.3	203.0	197.9	191.3
65.0	216.5	193.6	169.2	146.2	136.7
70.0	184.7	161.3	120.7	99.0	97.7
75.0	157.5	122.5	76.6	71.5	69.0
80.0	123.0	74.2	48.2	43.8	41.8
85.0	66.4	32.4	21.1	18.5	18.3
90.0	8.8	4.2	2.7	2.4	2.2

