

# Hamburg

## ARCHITECTURAL WALL PACK FAMILY

### Indoor/Outdoor Wall Sconce

### Up & Downlight LED

We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

#### SPECIFICATIONS

- BACKPLATE — 16 Ga. aluminum (AL).
- BACKBOX — 16 Ga. aluminum (AL) with wire access on four sides and back through 7/8" diameter knockouts flattened water tight.
- DECORATIVE SHIELD — Die-formed and welded aluminum.
- DIFFUSER — .125 Thick (1/8") White translucent, non-yellowing 100% virgin acrylic. Optional Clear Prismatic (CTB) top or bottom.
- DRIVER — Universal Voltage 120/277v Electronic Driver is Standard.
- EMERGENCY — Consult Factory.
- FINISH — Corrosion and Weather resistant pre-treated extremely durable oven baked polyester powder or plated finish.
- GASKETING — High temperature, non-aging black epdm or neoprene rubber around the entire lens perimeter and rear wire entrance hole to protect against dust, moisture and outside contaminants.
- FASTENERS — Stainless steel tamperproof screws -(2) To secure lens in place.
- MOUNTING — Center access hole for indoor mounting to a "J" box or use (4)5/16" diameter holes for 1/4" diameter bolts for outdoor or indoor for some models.
- COMPLIANCE — Built to comply with U.S. and Canadian safety standards. Suitable For Damp Location, Indoor; Specify Wet Location.



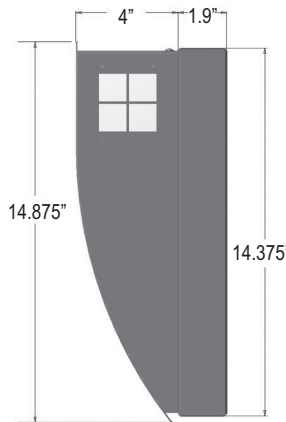
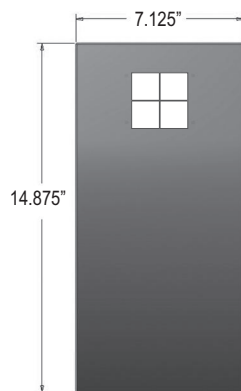
Shown in Style A: Downlight



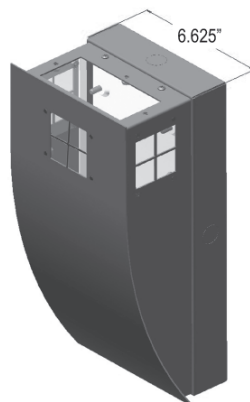
Shown in Style B: Uplight



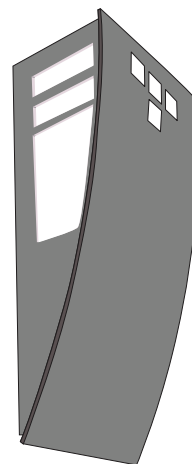
#### DIMENSIONS



#### OPTIONS



Shown with Optional Backbox



Hamburg 2 Series - "T" Fascia

*For other fascia designs please consult factory*

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## ARCHITECTURAL WALL PACK FAMILY

### Indoor/Outdoor Wall Sconce Up & Downlight LED

ORDERING GUIDE:  Series  Style  Lamp/Wattage  Color  Voltage  Finish  Options

#### SERIES

- HB = Hamburg Series
- HB2 = Hamburg Two Series: "T" Fascia

#### STYLE

- A = Style A: Downlight
- B = Style B: Uplight

#### LED WATTAGE

LED10 = 10 Watt LED

#### LED COLOR TEMPERATURE

- 3K = ±3000K range
- 4K = ±4000K range
- 5K = ±5000K range
- 6K = ±6500K range

#### VOLTAGE

- 120 = 120 Volts
- 277 = 277 Volts
- 347 = 347 Volts (Consult Factory)
- EBU = Universal Volt (120-277v) Electronic Driver

#### FINISH

- BK = Black
- BZ = Bronze (Standard)
- CC = Custom Color (Consult Factory)
- PNA = Painted Natural Aluminum
- SGR = Silver Gray
- WH = White Finish

#### OPTIONS

- BB = Backbox for Surface Mount
- BBSR = Semi-Recessed Backbox
- CTB = Clear Prismatic Top (Uplight) or Bottom (Downlight)
- CPRS = Clear Prismatic Sides for increased light

#### EMERGENCY BATTERY OPTIONS

**No onsite Emergency Power (AC or DC) is provided**  
Specify Fixture Voltage: 120V or 277V Power Feed  
A=120V or B=277V  
\*Consult Factory for LED Emergency Options

#### NOTES:

- Consult Factory with requests regarding lamp sources, including LED, color temp., wattages or voltages not shown.
- Consult Factory for additional Emergency Battery options not shown.
- Due to form and fit, final selection of the Battery Pack under discretion of Factory.

## PHOTOMETRIC DATA:

## Hamburg LED Series

Tested Using the IES LM79 Standards

Test # L04148901

HB-A-LED15-4K-120-BZ

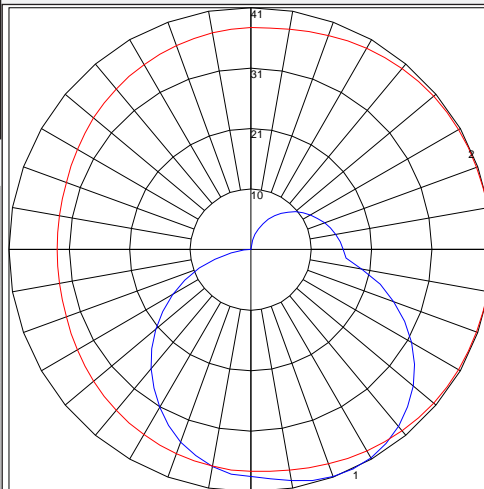
4"L. x 6.5"W x 14.5"H LED Luminaire with diffused lens

Test Date: 05/02/2014

#### Coefficients of Utilization

Room Cavity Ratio	Coefficients of Utilization								
	80%			70%			50%		
	PW>	70%	50%	30%	70%	50%	30%	50%	30%
0	113	113	113	108	108	108	98	98	98
1	101	95	90	95	90	85	82	78	78
2	90	81	73	85	77	70	70	64	64
3	82	70	61	77	67	59	60	54	54
4	74	61	52	70	59	50	53	46	46
5	68	54	45	64	52	43	47	40	40
6	62	49	39	59	46	38	42	35	35
7	58	44	35	54	42	33	38	31	31
8	53	40	31	51	38	30	35	28	28
9	50	36	28	47	35	27	32	25	25
10	47	33	25	44	32	24	29	23	23

Rm. Percentage = 20%; PCC = Ceiling Reflectance;  
PW = Wall Reflectance



Maximum Candela = 41.13 Located At Horizontal Angle = 0, Vertical Angle = 25  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (25) (Through Max. Cd.)

POWER FACTOR	0.99
LUMENS (Light Output)	209.80
WATTS	13.81
EFFICACY (Lmns per Watt)	15
CRI (Color Rendering Index)	84
CCT (Correlated Color Temp.)	3153K

Zunal Lumen Summary		
Zone	Lumens	%Luminaire
0-30	31.86	15.20
0-40	54.20	25.80
0-60	104.95	50.00
0-90	160.66	76.60
40-70	73.99	35.30
60-80	41.92	20.00
90-180	49.14	23.40
0-180	209.80	100.00