

Hamburg

ARCHITECTURAL SERIES

Indoor/Outdoor Wall Sconce;
Up & Downlight: CFL, LED



ARRA
Compliant

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

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		



Shown in Style A: Downlight

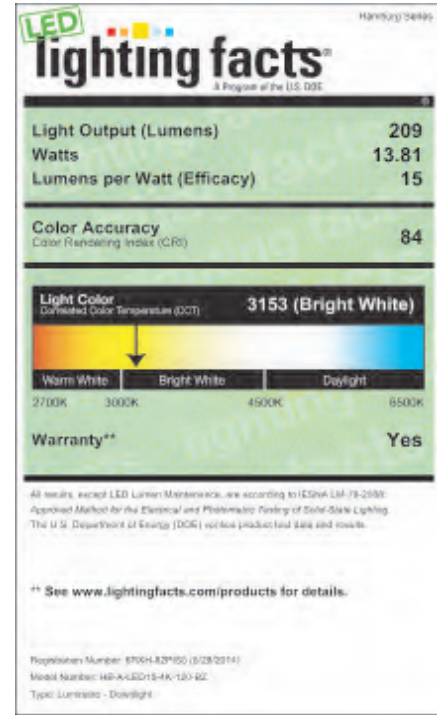


Shown in Style B: Uplight

SPECIFICATIONS

- BALLAST — 120/277 Volt Electronic Ballast is Standard.
- 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
- EMERGENCY — CFL, LED — Remote Only.
- 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
- UL LISTED — Suitable For Damp Location, Indoor; Specify Wet Location.

LED technology is advancing. Consult Factory or website for periodic updates as additional wattages with higher efficacy may be available.



LM80 tested chips from Nichia, Lumileds, Cree, Osram and Bridgelux are used in all Eclipse Lighting LED fixtures.

MODEL NUMBER:	Series	Style	Lamp Type/Qty/Watt	Color Temp	Voltage: Primary/Emergency	Finish	Options
	HB	A	LED15	4K	120	BZ	

SERIES

HB = Hamburg Series

STYLE

A = Downlight
B = Uplight

LAMP TYPE/LAMP QUANTITY/WATTAGE

LED15 = 15 Watt LED

LED COLOR TEMP

4K = 4000 K range

VOLTAGE

120 = 120 Volts

FINISH

BZ = Bronze

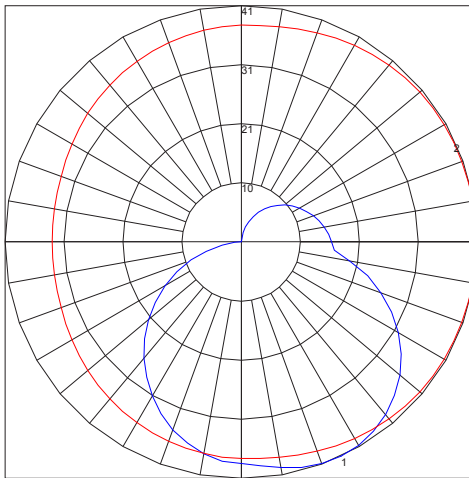


PHOTOMETRIC DATA:

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



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

Coefficients of Utilization

PCC>	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

Zonal 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



The U.S. Department of Energy's LED Lighting Facts® Program has verified product performance based on industry-standardized testing.



For details, see: Hamburg Series
 Model # HB-A-LED15-4K-120-BZ

www.lightingfacts.com/products