

# AH System Basic/LED

Design: Alfred Homann

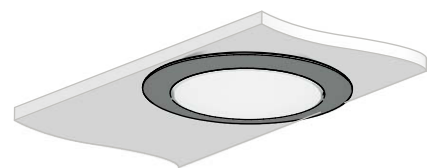
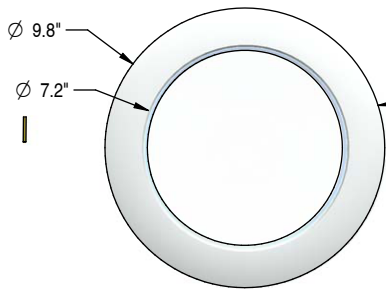
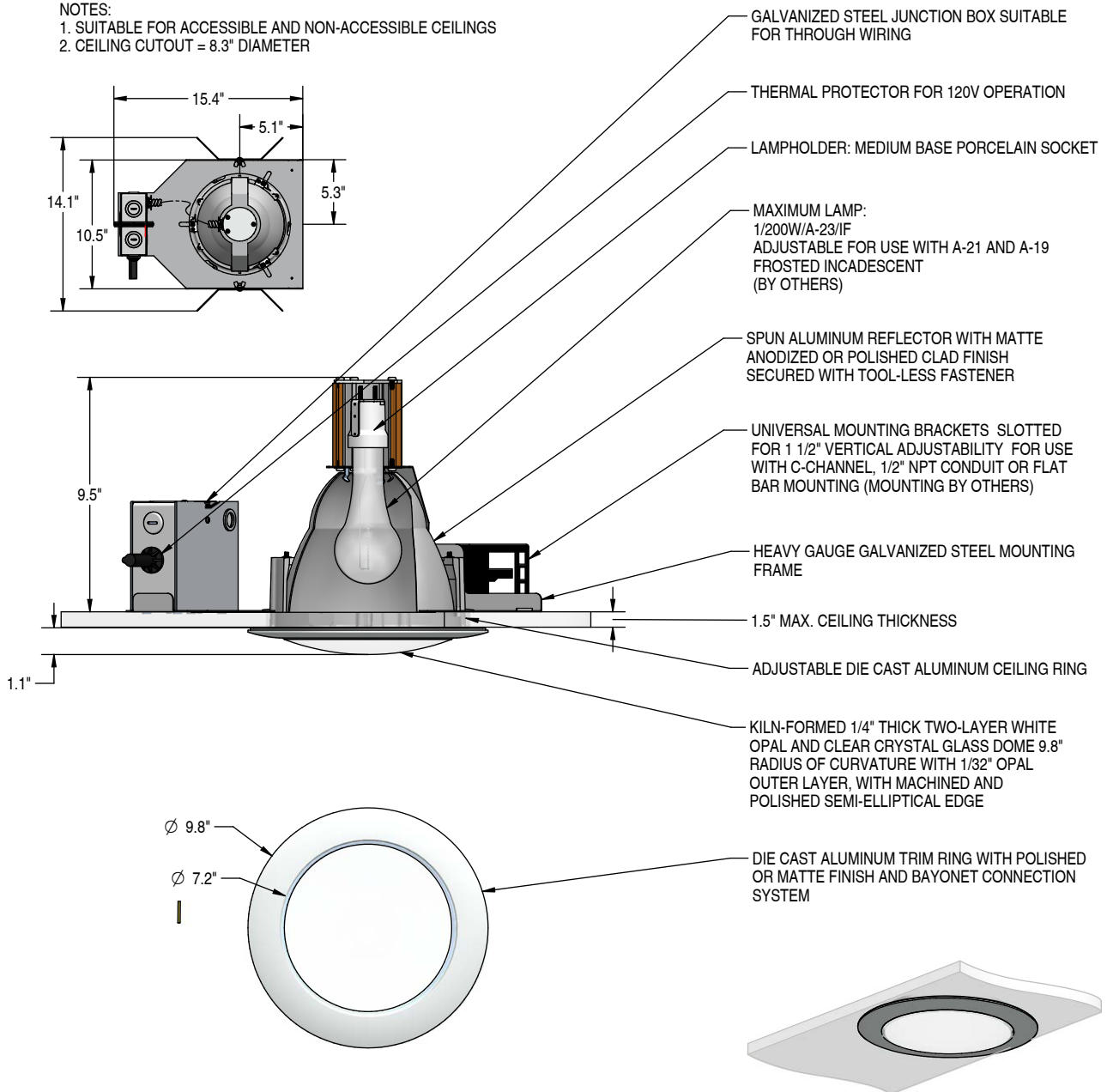
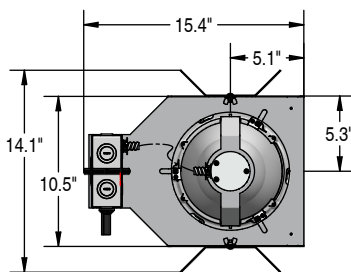
GLASS-DOME-INC

Type:

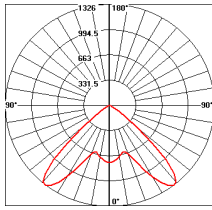
Project:

Catalog Number:

- NOTES:  
 1. SUITABLE FOR ACCESSIBLE AND NON-ACCESSIBLE CEILINGS  
 2. CEILING CUTOUT = 8.3" DIAMETER



# AH System Basic/LED



Photometric Report: AHS-BSC-1-200W-A23-IF-Polished (Open).IES  
 Report No.: ITL51854  
 Poulsen Report No.: AHS-BSC-1-200W-A23-IF-Polished (Open).IES  
 Luminaire: AHS/BSC/1/200W/A23/IF/Polished/Open  
 Lamp: 1/200W/A23/IF  
 Efficiency: 77.6%  
 Description: All data shown are per 3030 lumens. This report can be used for calculation on all versions listed below. Use only actual lumen data when calculating.

Vertical Angle	Candela
0	754
5	728
15	640
25	843
45	1011
55	152
75	0
85	0
90	0

Zone	Lumens	% Lamp	% Fixture
0-30	653	21.5	27.8
0-40	1446	47.7	61.5
0-60	2344	77.4	99.7
0-90	2350	77.6	100.00
90-180	0	0.0	0.0
0-180	2350	77.6	100.0

Coefficients of Utilization - Zonal Cavity Method  
 Effective Floor Cavity Reflectance 20%

Ceiling Reflectance (%)	80				70				50				30				10				0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0			
Wall Reflectance (%)																	0				
Room Cavity Ratio																	0				
0	92	92	92	92	90	90	90	90	86	86	86	83	83	83	79	79	79	78			
1	87	84	82	79	85	82	80	78	79	77	76	76	75	73	74	72	71	70			
2	81	76	72	68	79	71	71	68	72	69	66	69	67	65	67	65	63	62			
3	75	68	63	59	73	67	62	59	65	61	58	63	60	57	61	58	56	54			
4	69	61	56	51	68	61	55	51	59	54	50	57	53	50	55	52	49	48			
5	64	55	49	45	63	55	49	45	53	48	44	42	47	44	50	46	43	42			
6	59	50	44	40	58	49	44	39	48	43	39	48	42	39	46	42	38	37			
7	55	45	39	35	54	45	39	35	44	38	35	43	38	34	42	37	34	33			
8	51	41	35	31	50	41	35	31	40	34	31	39	34	31	38	34	30	29			
9	47	38	32	28	46	37	31	27	36	31	27	35	31	27	35	30	27	26			
10	44	34	29	25	43	34	28	25	33	28	25	33	28	24	32	27	24	23			

## Design

Alfred Homann

## Concept

The fixture emits light directed primarily downwards. A key feature of the fixture is that the electrical components are built into the ceiling, while the light distribution parts (LDP) are located below the ceiling. The light distribution is controlled primarily via glossy or matte reflectors, such that the LDP components create different lighting effects.

## Finish

Polished aluminum. Satin matte aluminum, wet painted.

## Material

LDP trim: Die cast aluminum. Glass: White opal and clear overlay glass. Reflector: Spun aluminum, matte anodized or spun clad aluminum, polished.

## Mounting

Semi-recessed: Mounting frame with two vertically adjustable brackets spaced equally at 180° to be installed prior to closing the ceiling. Ceiling types: Accessible and non-accessible ceilings. Ceiling cutout: 8.3" diameter.

## Weight

Max. 9 lbs.

## Label

cULus, Dry location. IBEW.

Product code	Light source	Voltage	Finish	Distribution/Trim	Options
AHS-BSC	1/70W/CMH/ED17-O/IF medium 1/26W/CF GX24q-3 1/32W/CF GX24q-3 1/26W/32W/CF GX24q-3 2/26W/32W/CF GX24q-3 1/200W/A-23W/IF medium 38W LED/3000K	120-277V 120/277V 120V 277V	MATTE POLISHED	BSC GLASS DOME BSC GLASS RING BSC OPEN BSC PROTECT GLASS	EMPK LUTRON DIMMING

### Specification notes:

- a. CMH variants provided with one 120V or 277V integral electronic ballast.
- b. CMH variants only available for use with Open and Protective Glass LDP.
- c. CF variants provided with one 120-277V integral electronic ballast.
- d. Incandescent variants only available in 120V.
- e. Matte reflector provided with matte LDP.
- f. Polished reflector provided with polished LDP.
- g. EMPK (emergency power pack) is available in dual tap 120/277V.
- h. LUTRON dimming 120V or 277V is electronic dimming for one lamp variant.

- i. LUTRON dimming 120/277V is digital dimming for two lamps variant.
- j. LED variants provided with a 120-277V dimmable electronic driver.

### Info notes

- I. All exposed edges of glass LDP are machined to a half ellipse.
- II. The comparable EU version has the following classification: Ingress Protection Code: IP20.
- III. LED technology is rapidly changing. Specifications are based on present technology. For most up to date specifications see [www.louispoulsen.com](http://www.louispoulsen.com).
- IV. All LED wattages specified by LED manufacturers

