

OBSOLETE: A-51™ Incandescent Factory Sealed Luminaires

Explosionproof. For use with threaded metal conduit.

Hazardous Location. Suitable for use in Wet Locations

NEC/CEC — For Group A and B: Class I, Division 1 and 2, Groups A, B, C, D | Class II, Division 1 and 2, Groups E, F, G | Class III
NEC/CEC — For Group C and D: Class I, Division 1 and 2, Groups C, D | Class II, Division 1 and 2, Groups E, F, G | Class III

Applications

- A-51 Series Incandescent Class I, Groups A, B, C and D; and Class II, Groups E, F and G applications (see listings and area suitability chart).
- Ideal for use in chemical and petrochemical plants, and in other heavy process areas where ignitable vapors, dust, moisture and corrosive atmospheres may be present.
- Suitable for use in wet locations.
- Wide range of wattages – 100 W through 300 W incandescent lamps.
- Choice of units with or without guard, as well as choice of polyester reflectors.
- Choice of mountings: pendant, ceiling, 25° stanchion, long bracket and 15° short bracket.
- Fiberglass reinforced polyester reflectors for installations where fixture is subject to exceptionally severe corrosive atmospheres.
- Class I, Groups A and B fixtures have special UL-approved sintered metal flame arrester.

Features

- All A-51 fixtures are factory-sealed; no external sealing fittings required.
- New high temperature phenolic connection block in mounting hood has rugged leaf spring contacts – loosen two screws, rotate and remove for quick wiring.
- Safe, easy servicing or relamping without disconnecting any wiring. “Wireless” fixture unit easily threads off mounting hood for convenient servicing or for immediate exchange with “stand-by” unit.
- All joints are flame-tight.
- Specially formulated two-coat baked epoxy enamel provides superior protective finish to resist corrosion. Applied to all mounting hoods, fixture units and guards.
- New high temperature glass-reinforced phenolic socket block in fixture unit has collector ring and pin that automatically make electrical contact as fixture unit is threaded onto mounting hood.
- Globes in A-51 fixtures are explosionproof and heat- and impact-resistant glass. Prismatic configuration on globe interior provides light control while allowing smooth exterior surface for cleaning.
- A-51 fixture units have standardized threads to fit all A-51 and mounting hoods.
- All fixtures have aluminum inner reflector for increased lumen efficiency.
- A-51 fixture guards to protect globe are of rugged copperfree aluminum construction and double epoxy coated. Easily mount to globe ring with 3 screws.

Standard Materials

- Fixtures and guards: copperfree (4/10 of 1% max.) aluminum.
- Pendant mounting hoods: copperfree (4/10 of 1% max.) aluminum.
- Ceiling and bracket mounting hoods: malleable iron with aluminum adapters.
- Reflectors: fiberglass reinforced polyester.

Standard Finishes

- Fixtures, guards and mounting hoods: two-coat epoxy-clad finish. Epoxy powder coat finish, electrostatically applied for complete, uniform surface protection.
- Polyester: natural finish.

NEC/CEC Certifications and Compliances

- UL Standard: UL 1598, UL 844
- UL Listed: E10444
- CSA Standard: C22.2 No. 250, C22.2 No. 137
- CSA Certified: 025428

Group A and B



Polyester Reflector



Mounting Options

Group C and D



Polyester Reflector



Mounting Options

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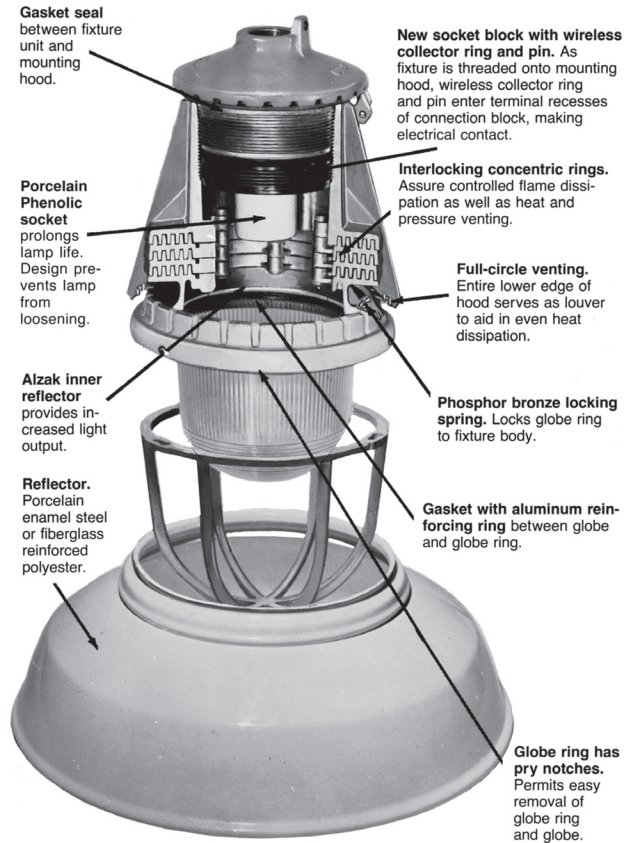
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Illustrated Features



Alzak® is a proprietary term of the Aluminum Company of America.

Weights

Mounting Hoods	Wt. kg (lbs)
Pendant	0.6 (1.3)
Ceiling	2.2 (4.8)
Stanchion	0.7 (1.6)
Long Bracket	4.0 (8.9)
Short Bracket	2.2 (4.8)

Catalog Number	Wt. kg (lbs)
Fixture Units	
AAU-1N	3.4 (7.6)
AAU-15N	3.4 (7.6)
AAU-2NS	4.9 (10.7)
AAU-5NS	9.2 (20.3)
AAUA-15	6.8 (15.0)
AAUA-2	8.2 (18.0)

Guards	Wt. kg (lbs)
AAGU-1	0.2 (0.4)
AAGU-2	0.4 (0.8)
AAGU-5	0.9 (1.9)
AAGUA-15	0.2 (0.5)

Standard Reflectors	Wt. kg (lbs)
AARP-2ST	1.3 (2.8)
AARW-15ST	1.0 (2.1)
AARW-2ST	1.3 (2.9)
AARW-5ST	2.0 (4.3)
AARW-15ST	1.0 (2.1)

30° Angle Reflectors	Wt. kg (lbs)
AARP-2AN	1.5 (3.3)
AARW-15AN	1.0 (2.1)
AARW-2AN	1.1 (2.4)
AARW-5AN	3.2 (7.0)
AARW-15AN	1.0 (2.1)

High Bay Reflectors	Wt. kg (lbs)
AARE-2HB	1.3 (2.9)
AARE-5HB	1.8 (3.9)

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Incandescent Luminaires | Area / Task | Explosionproof, Hazardous Location | NEC/CEC

Fixture Unit	Lamp Watts	Without Reflectors	Standard Dome	30° Angle	High Bay	Supply Wire °C (°F)
Class I Division 1 and Division 2 Groups C and D						
AAU1N	100 W A19	T5	T5	T5	—	125 (257)
	100 W A21	T5	T5	T5	—	125 (257)
AAU15N	150 W A23	T3C	T3C	T3C	—	125 (257)
	200 W A25	T3C	T3C	T3C	—	125 (257)
	200 W PS25	T3C	T3C	T3C	—	125 (257)
	300 W PS25	T3C	T3A	T3A (D)	—	125 (257)
AAU2NS	200 W PS25	T3C	T3C	T3C	—	110 (230)
	200 W PS30	T3C	T3C	T3C	—	110 (230)
	300 W PS25	T3C	T3C	T3C	—	110 (230)
	300 W PS30	T3C	T3C	T3C	—	110 (230)
Class I Division 1 and Division 2 Groups A ①, B, C and D						
AAUA15	150 W A23	T3C	T3C	T3C	—	110 (230)
	150 W A25	T3C	T3C	T3C	—	110 (230)
	200 W A25	T3C	T3C	T3C	—	110 (230)
	200 W PS25	T3C	T3C	T3C	—	110 (230)
AAUA2	200 W PS25	T3C	T3C	T3C	—	110 (230)
	200 W PS30	T3C	T3C	T3C	—	110 (230)
	300 W PS25	T3C	T3C	T3C	—	110 (230)
	300 W PS30	T3C	T3C	T3C	—	110 (230)
Class II Division 1 and Division 2 Groups E, F and G						
AAU1N	100 W A19	T3C	T3C	T3C	—	125 (257)
	100 W A21	T3C	T3C	T3C	—	125 (257)
AAU15N	150 W A23	T3C	T3C	T3C	—	125 (257)
	200 W A25	T3C	T3C	T3C	—	125 (257)
	200 W PS25	T3	T3	T3	—	125 (257)
	300 W PS25	T3	—	—	—	125 (257)
AAU2NS	200 W PS25	T3C	T3C	T3C	—	110 (230)
	200 W PS30	T3C	T3C	T3C	—	110 (230)
	300 W PS25	T3C	T3C	T3A (EF)	—	110 (230)
	300 W PS30	T3C	T3C	T3A (EF)	—	110 (230)

“T” Numbers Represent the Maximum External Temperature for Class I, Division 1 Locations and Maximum Surface Temperature Under Dust Blanket for Class II, Division 1 Locations.

“T” Number	T1	350	325	T2	T2A	T2B	T2C	T2D	T3	T3A	T3B	T3C	T4	T4A	T5	T6
Temperature Range (°C)	351-450	326-350	301-325	281-300	261-280	231-260	216-230	201-215	181-200	166-180	161-165	136-160	121-135	101-120	86-100	85
Temperature Range (°F)	664-842	619-662	574-617	538-572	502-536	448-500	421-446	394-419	358-392	331-356	322-329	277-320	250-275	214-248	187-212	185

NOTE: Ambient suitability of these incandescent fixtures: +40 °C (+104°F)

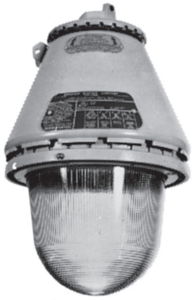


① For Group A, use Pendant Mount only.

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Type		Hub Size (Inches)	Catalog Number ②	
Pendant — One Hub, Rigid or Flexible Mounting				
	100 W (AAU-1N) A-21	1/2	AP1050	
		3/4	AP1075	
		1	AP10100	
	150-300 W (AAU-15N) A-23 PS-25	1/2	AP1550	
		3/4	AP1575	
		1	AP15100	
	200-300 W (AAU-2NS) PS-30	1/2	AP2050	
		3/4	AP2075	
		1	AP20100	
Ceiling — Four Hubs, Three Close-up Plugs				
	100 W (AAU-1N) A-21	1/2	AC1050	
		3/4	AC1075	
		1	AC10100	
	150-300 W (AAU-15N) A-23 PS-25	1/2	AC1550	
		3/4	AC1575	
		1	AC15100	
	200-300 W (AAU-2NS) PS-30	1/2	AC2050	
		3/4	AC2075	
		1	AC20100	
25° Stanchion — One Hub — Not UL Listed				
	100 W (AAU-1N) A-21	1-1/2 ②	AN10150	
		150-300 W (AAU-15N) A-23 PS-25	1-1/2 ②	AN15150
			200-300 W (AAU-2NS) PS-30	1-1/2 ②

① See A-51™ Incandescent Factory Sealed Luminaire Classified Area Suitability page for suitability of specific fixtures.

② 1-1/2" tapped hub furnished with a 1-1/2" to 1-1/4" reducer.




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Incandescent Luminaires | Area / Task | Explosionproof, Hazardous Location | NEC/CEC

Type		Hub Size (Inches)	Catalog Number ②
Long Bracket — Four Hubs, Three Close-up Plugs			
	100 W (AAU-1N) A-21	1/2	ALB1050
		3/4	ALB1075
		1	ALB10100
	150-300 W (AAU-15N) A-23 PS-25	1/2	ALB1550
		3/4	ALB1575
		1	ALB15100
	200-300 W (AAU-2NS) PS-30	1/2	ALB2050
		3/4	ALB2075
		1	ALB20100
15° Short Bracket — Two Hubs, One Close-up Plug			
	100 W (AAU-1N) A-21	1/2	ASB1050
		3/4	ASB1075
	150-300 W (AAU-15N) A-23 PS-25	1/2	ASB1550
		3/4	ASB1575
	200-300 W (AAU-2NS) PS-30	1/2	ASB2050
		3/4	ASB2075
Guard — Add suffix to fixture catalog number			
	Guard		-G









① See A-51™ Incandescent Factory Sealed Luminaire Classified Area Suitability page for suitability of specific fixtures.

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Mounting Hoods			
Type		Hub Size (Inches)	Catalog Number
Pendant — One Hub, Rigid or Flexible Mounting			
		1/2	AAP-50
		3/4	AAP-75
		1	AAP-100
Ceiling — Four Hubs, Three Close-up Plugs			
		1/2	AAC-50
		3/4	AAC-75
		1	AAC-100
25° Stanchion — Not UL Listed — One Hub			
		1-1/2	AAN-150 ①
Long Bracket — Four Hubs, Three Close-up Plugs			
		1/2	AALB-50
		3/4	AALB-75
		1	AALB-100
15° Short Bracket — Two Hubs, One Close-up Plug			
		1/2	AASB-50
		3/4	AASB-75
Type			Catalog Number
Fixture Units			
	100 W A-21		AAU-1N
	150-300 W A-23 and PS-25		AAU-15N
	200-300 W PS-30		AAU-2NS
Prismatic Glass Globes			
	100 W (AAU-1N)		AAGL-1PR
	150-300 W (AAU-15N)		AAGL-1PR
	200-300 W (AAU-2NS)		AAGL-2PR
Aluminum Guards			
	100 W (AAU-1N)		AAGU-1
	150-300 W (AAU-15N)		AAGU-1
	200-300 W (AAU-2NS)		AAGU-2

① 1-1/2" tapped hub furnished with a 1-1/2" to 1-1/4" reducer.







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Incandescent Luminaires | Area / Task | Explosionproof, Hazardous Location | NEC/CEC

Type	Fixture Size	Catalog Number	
Standard Dome — Polyester — Not for use with short brackets			
	200-300 W (AAU-2NS)	AARP-2ST	
30° Angle — Polyester			
	200-300 W (AAU-2NS)	AARP-2AN	
Colored Glass Globes			
	Amber		
	100 W (AAU-1N)	AAGL-1A	
	150-300 W (AAU-15N)	AAGL-1A	
	200-300 W (AAU-2NS)	AAGL-2A	
	Green		
	100 W (AAU-1N)	AAGL-1G	
	150-300 W (AAU-15N)	AAGL-1G	
	200-300 W (AAU-2NS)	AAGL-2G	
	Red		
100 W (AAU-1N)	AAGL-1R		
150-300 W (AAU-15N)	AAGL-1R		
200-300 W (AAU-2NS)	AAGL-2R		
Replacement Socket			
	100 W (AAU-1N) — Medium Base	AASP-11	
	150-300 W (AAU-15N) — Medium Base	AASP-22	
	200-300 W (AAU-2NS) — Medium Base	AASP-44	
Connection Block			
	Fits A-51 Mounting Hoods		
	100-300 W	VPT-7	
Globe Gaskets — Fiber and Aluminum			
	Requires one of each	Fiber	Aluminum
	100-300 W (AAU-1N and AAU-15N)	AASP-15V	AASP-15A
	200-300 W (AAU-2NS)	AASP-2V	AASP-2A

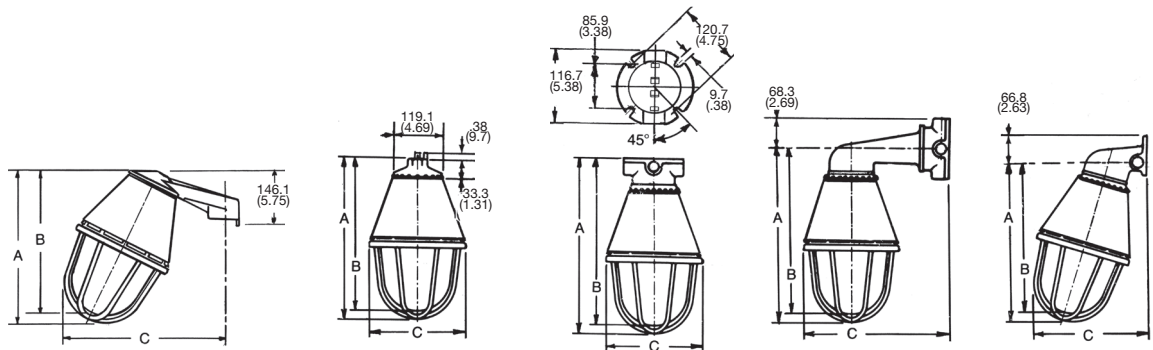
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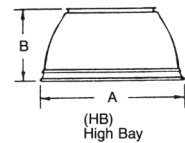
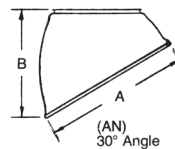
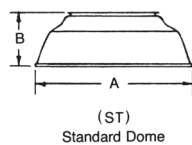
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Dimensions in Millimeters (Inches)



Size (Watts)	Stanchion mm (in)			Pendant ① mm (in)			Ceiling mm (in)			Long Bracket mm (in)			Short Bracket mm (in)		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
100	291.3 (11.47)	275.6 (10.85)	292.1 (11.50)	311.2 (12.25)	295.4 (11.63)	179.3 (7.06)	349.3 (13.75)	333.5 (13.13)	179.3 (7.06)	349.3 (13.75)	333.5 (13.13)	314.5 (12.38)	344.4 (13.56)	328.7 (12.94)	231.9 (9.13)
150-300	291.3 (11.47)	275.6 (10.85)	292.1 (11.50)	311.2 (12.25)	295.4 (11.63)	179.3 (7.06)	349.3 (13.75)	333.5 (13.13)	179.3 (7.06)	349.3 (13.75)	333.5 (13.13)	314.5 (12.38)	344.4 (13.56)	328.7 (12.94)	231.9 (9.13)
200-300	332.0 (13.07)	314.5 (12.38)	322.8 (12.71)	354.1 (13.94)	336.6 (13.25)	223.8 (8.81)	392.2 (15.44)	374.7 (14.75)	223.8 (8.81)	392.2 (15.44)	374.7 (14.75)	336.6 (13.25)	385.8 (15.19)	363.8 (14.50)	257.3 (10.13)



Size (Watts)	A ②	B ②	A	B	A	B
100	304.8 (12.00)	114.3 (4.50)	254.0 (10.00)	193.8 (7.63)	-	-
150-200	355.6 (14.00)	111.3 (4.38)	254.0 (10.00)	193.8 (7.63)	-	-
200-300	406.4 (16.00)	131.8 (5.19)	304.8 (12.00)	200.2 (7.88)	304.8 (12.00)	153.9 (6.06)

① For dimensions of fixture unit only, subtract pendant hood dimension 3.3 cm (1.31") from dimensions A and B as listed.

② Dimensions illustrated are for porcelain steel (dome and angle) and etched aluminum (high bay).

Overall dimensions for fiberglass reinforced polyester reflectors are: standard dome – 419.1 mm (16-1/2") dia., (6") (152.4) high; 30° Angle – 374.7 mm (14-3/8") dia., 254 mm (10") high.

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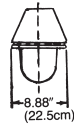
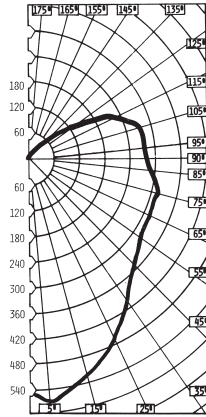
Photometric Data

A-51 Incandescent Fixture without Reflector

Spacing to Mtg. Ht.

Ratio 1.25:1

Guard .877



EFFECTIVE FLOOR CAVITY REFLECTANCE (RFC) IS 20%

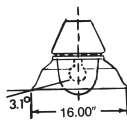
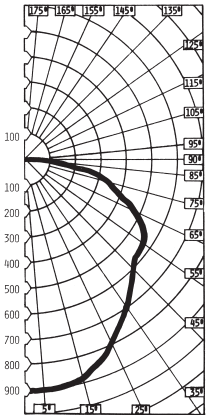
	% Ceiling Rcc	80			70			50			30			10			0				
		% Walls Rw	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	
ROOM CAVITY RATIOS	1	.735	.690	.651	.695	.655	.618	.622	.590	.561	.554	.530	.506	.493	.473	.454	.422				
	2	.621	.558	.503	.588	.530	.481	.525	.478	.437	.467	.430	.396	.413	.384	.357	.327				
	3	.540	.468	.411	.512	.446	.394	.457	.404	.359	.406	.363	.327	.360	.325	.294	.267				
	4	.474	.400	.342	.450	.381	.328	.402	.346	.301	.359	.312	.274	.318	.280	.248	.223				
	5	.415	.341	.284	.394	.325	.272	.354	.295	.251	.316	.266	.229	.280	.240	.207	.184				
	6	.372	.297	.245	.352	.284	.233	.316	.258	.215	.283	.234	.197	.252	.210	.178	.157				
	7	.334	.262	.213	.317	.249	.203	.285	.227	.187	.255	.207	.170	.228	.187	.155	.136				
	8	.300	.231	.182	.285	.221	.175	.256	.202	.162	.231	.183	.148	.206	.165	.135	.117				
	9	.271	.204	.157	.258	.195	.152	.233	.178	.140	.209	.162	.128	.187	.146	.117	.100				
	10	.246	.181	.139	.234	.175	.135	.212	.160	.124	.191	.145	.113	.172	.132	.102	.087				

A-51 Incandescent Fixture with Standard Dome Reflector

Spacing to Mtg. Ht.

Ratio 1.25:1

Guard .890



EFFECTIVE FLOOR CAVITY REFLECTANCE (RFC) IS 20%

	% Ceiling Rcc	80			70			50			30			10			0				
		% Walls Rw	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	
ROOM CAVITY RATIOS	1	.757	.727	.700	.740	.713	.689	.709	.686	.667	.681	.663	.646	.656	.641	.627	.612				
	2	.660	.613	.572	.647	.603	.567	.621	.585	.552	.598	.568	.540	.577	.551	.528	.512				
	3	.580	.524	.478	.570	.516	.475	.549	.504	.466	.529	.490	.458	.511	.478	.449	.434				
	4	.514	.452	.403	.504	.446	.400	.486	.436	.395	.469	.425	.390	.454	.415	.384	.368				
	5	.451	.385	.336	.442	.380	.334	.427	.372	.332	.413	.364	.327	.399	.357	.323	.308				
	6	.402	.336	.291	.394	.333	.286	.381	.326	.285	.369	.319	.282	.358	.313	.279	.264				
	7	.361	.296	.254	.355	.293	.250	.343	.286	.247	.332	.282	.245	.323	.278	.243	.229				
	8	.323	.261	.216	.318	.258	.216	.308	.254	.215	.299	.249	.213	.290	.245	.211	.197				
	9	.291	.230	.187	.287	.227	.187	.278	.223	.186	.269	.219	.184	.262	.216	.182	.169				
	10	.264	.204	.166	.259	.204	.166	.253	.200	.164	.245	.197	.162	.240	.194	.161	.149				

Photometric data shown here is based on a 200-watt type PS-30 lamp and is representative of the performance for all A-51 incandescent fixtures using 60-watt to 300-watt lamps. For candlepower values of fixtures with other lamps, use the following multipliers: 60 WA-19 - 0.23; 100 WA-19 - 0.47; 150 WA-21 - 0.75; 200 WA-23 - 1.07; 200 WA-25 - 1.02; 200 WPS-25 - 1.03; 300 WPS-25 - 1.70; WPS-30 - 1.63. To determine candlepower values of fixtures with a guard, multiply by value shown with each curve.

OBSOLETE: A-51™ Incandescent Factory Sealed Luminaires

Explosionproof. For use with threaded metal conduit.

For Group C and D Hazardous Locations. Suitable for use in Wet Locations

NEC/CEC — For Group C and D: Class I, Division 1 and 2, Groups C, D | Class II, Division 1 and 2, Groups E, F, G | Class III

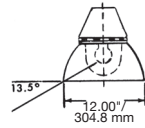
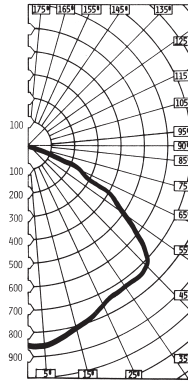
Photometric Data

A-51 Incandescent Fixture with High Bay Reflector

Spacing to Mtg.

Ht. Ratio 1.40:1

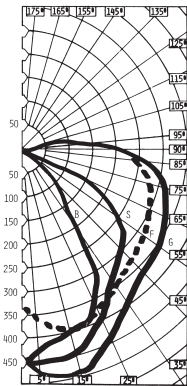
Guard .865



EFFECTIVE FLOOR CAVITY REFLECTANCE (RFC) IS 20%

	% Ceiling Rcc	80			70			50			30			10			0				
		% Walls Rw	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	
ROOM CAVITY RATIOS	1	.686	.644	.645	.671	.651	.634	.644	.628	.614	.620	.607	.595	.598	.588	.577	.566				
	2	.614	.580	.549	.603	.571	.545	.581	.555	.531	.562	.540	.520	.544	.525	.508	.496				
	3	.550	.508	.473	.542	.501	.470	.524	.490	.461	.507	.478	.454	.492	.467	.446	.434				
	4	.493	.445	.408	.486	.441	.404	.470	.431	.400	.456	.422	.395	.443	.413	.389	.377				
	5	.439	.387	.349	.432	.383	.347	.420	.376	.344	.407	.369	.340	.396	.383	.336	.324				
	6	.393	.340	.304	.387	.338	.300	.376	.331	.298	.366	.326	.296	.356	.320	.293	.281				
	7	.352	.299	.264	.347	.296	.261	.337	.290	.258	.327	.287	.256	.320	.283	.254	.242				
	8	.313	.261	.224	.309	.259	.223	.300	.255	.222	.293	.251	.220	.285	.247	.219	.207				
	9	.280	.228	.191	.276	.225	.191	.268	.222	.190	.261	.219	.189	.254	.216	.187	.176				
	10	.252	.201	.168	.248	.201	.168	.242	.197	.167	.236	.195	.165	.231	.192	.164	.153				

A-51 Incandescent Fixture with 30° Reflector



- B—Back
- S—Side
- F—Front
- G—Front W.Guard

Photometric data shown here is based on a 200-watt type PS-30 lamp and is representative of the performance for all A-51 incandescent fixtures using 60-watt to 300-watt lamps. For candlepower values of fixtures with other lamps, use the following multipliers: 60 W A-19 – 0.23; 100 W A-19 – 0.47; 150 W A-21 – 0.75; 200 W A-23 – 1.07; 200 W A-25 – 1.02; 200 W PS-25 – 1.03; 300 W PS-25 – 1.70; 300 W PS-30 – 1.63. To determine candlepower values of fixtures with a guard, multiply by value shown with each curve.






OBSOLETE: A-51™ Incandescent Factory Sealed Luminaires

Explosionproof. For use with threaded metal conduit.

For Group A and B Hazardous Locations. Suitable for use in Wet Locations

NEC/CEC — For Group A and B: Class I, Division 1 and 2, Groups A ♦, B, C, D | Class II, Division 1 and 2, Groups E, F, G | Class III

Incandescent Luminaires | Area / Task | Explosionproof, Hazardous Location | NEC/CEC

		Hub Size (Inches)	Catalog Number ①②
Pendant ♦ — One Hub, Rigid or Flexible Mounting			
	100-200 W (AAUA-15)	1/2	AAPA1550
	PS-25	3/4	AAPA1575
	200-300 W (AAUA-2)	1/2	AAPA2050
	PS-30	3/4	AAPA2075
Ceiling — Four Hubs, Three Close-up Plugs			
	100-200 W (AAUA-15)	1/2	AACA1550
	PS-25	3/4	AACA1575
	200-300 W (AAUA-2)	1/2	AACA2050
	PS-30	3/4	AACA2075
15° Short Bracket — Two Hubs, One Close-up Plug			
	100-200 W (AAUA-15)	1/2	AASBA1550
	PS-25	3/4	AASBA1575
	200-300 W (AAUA-2)	1/2	AASBA2050
	PS-30	3/4	AASBA2075
Standard Dome — Polyester			
	200-300 W (AAUA-2)	AARP-2ST	AARP-2ST
30° Angle — Polyester			
	200-300 W (AAUA-2)	AARP-2AN	AARP-2AN

① See A-51™ Incandescent Factory Sealed Luminaire Classified Area Suitability page for suitability of specific fixtures.

② Add suffix -G to catalog number for optional guard.









♦ Shaded area indicates pendant mount is suitable for Class I, Group A in addition to other applicable area suitabilities.

OBSOLETE: A-51™ Incandescent Factory Sealed Luminaires

Explosionproof. For use with threaded metal conduit.

For Group A and B Hazardous Locations. Suitable for use in Wet Locations

NEC/CEC — For Group A and B: Class I, Division 1 and 2, Groups A, B, C, D | Class II, Division 1 and 2, Groups E, F, G | Class III

Mounting Hoods				
		Type	Hub Size (Inches)	Catalog Number
Pendant		One Hub, Rigid or Flexible Mounting	1/2	AAP-50 ①
			3/4	AAP-75 ①
Ceiling		Four Hubs, Three Close-up Plugs	1/2	AAC-50
			3/4	AAC-75
15° Short Bracket		Two Hubs, One Close-up Plug	1/2	AASB-50
			3/4	AASB-75
Description				Catalog Number
Fixture Units		100-200 W PS-25		AAUA-15
		200-300 W PS-30		AAUA-2
Globe and Ring Assembly		100-200 W (AAUA-15)		AAGLA-15
		200-300 W (AAUA-2)		AAGLA-2
Aluminum Guards		100-200 W (AAUA-15)		AAGUA-15
		200-300 W (AAUA-2)		AAGU-2
Medium Base Lamp Socket		100-200 W (AAUA-15)		AASPA-15
		200-300 W (AAUA-2)		AASPA-22
Connection Block		Fits all A-51 and AA-51 mounting hoods 100-300 W		VPT-7

① Group A pendant mount only.

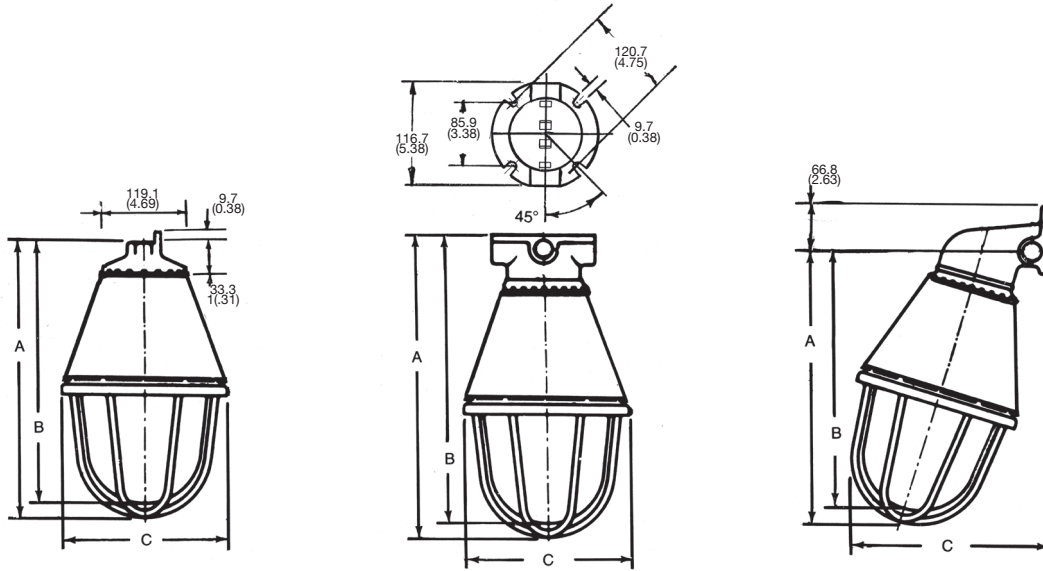
OBSOLETE: A-51™ Incandescent Factory Sealed Luminaires

Explosionproof. For use with threaded metal conduit.

For Group A and B Hazardous Locations. Suitable for use in Wet Locations

NEC/CEC — For Group A and B: Class I, Division 1 and 2, Groups A, B, C, D | Class II, Division 1 and 2, Groups E, F, G | Class III

Dimensions in Millimeters (Inches)



Size (Watts)	Pendant			Ceiling			Short Bracket		
	A	B	C	A	B	C	A	B	C
100-200	347.7 (13.69)	333.5 (13.13)	179.3 (7.06)	419.1 (16.50)	404.9 (15.94)	179.3 (7.06)	381.0 (15.00)	366.8 (14.44)	241.3 (9.50)
200-300	374.7 (14.75)	347.7 (13.69)	223.8 (8.81)	446.0 (17.56)	419.1 (16.50)	223.8 (8.81)	406.4 (16.00)	392.2 (15.44)	263.7 (10.38)

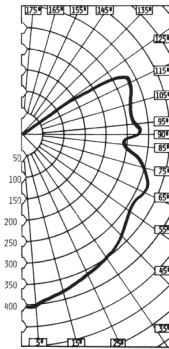
OBSOLETE: A-51™ Incandescent Factory Sealed Luminaires

Explosionproof. For use with threaded metal conduit.

For Group A and B Hazardous Locations. Suitable for use in Wet Locations

NEC/CEC — For Group A and B: Class I, Division 1 and 2, Groups A, B, C, D | Class II, Division 1 and 2, Groups E, F, G | Class III

Photometric Data



A-51 Incandescent Fixture without Reflector

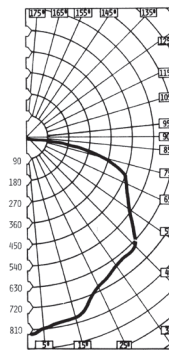
Spacing to Mtg.
Ht. Ratio 1.34:1
Guard .80



181.1
(7.13)

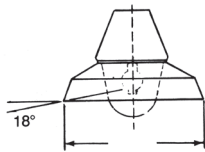
EFFECTIVE FLOOR CAVITY REFLECTANCE (RFC) IS 20% (NO REFLECTOR)

	% Ceiling Rcc	Rcc	80			70			50			30			10			0
			50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	
ROOM CAVITY RATIOS	% Walls	Rw																
	1		.711	.669	.630	.669	.631	.595	.590	.560	.533	.518	.495	.473	.452	.434	.417	.383
	2		.602	.541	.488	.567	.511	.465	.499	.455	.416	.437	.402	.371	.380	.352	.327	.296
	3		.519	.449	.393	.488	.424	.374	.430	.379	.336	.375	.335	.300	.325	.292	.264	.236
	4		.456	.384	.328	.430	.364	.312	.379	.325	.282	.332	.288	.252	.288	.252	.223	.197
	5		.400	.328	.274	.378	.311	.260	.334	.278	.236	.293	.247	.211	.254	.217	.187	.164
	6		.357	.285	.234	.336	.270	.221	.297	.242	.200	.261	.215	.180	.227	.188	.159	.138
	7		.318	.248	.200	.300	.234	.190	.265	.209	.171	.233	.187	.153	.204	.165	.135	.116
	8		.287	.219	.172	.270	.208	.164	.240	.187	.149	.212	.167	.134	.184	.147	.119	.101
	9		.260	.194	.150	.246	.185	.143	.218	.166	.130	.192	.148	.117	.168	.131	.103	.087
10		.236	.173	.132	.222	.166	.126	.199	.149	.114	.175	.133	.102	.154	.117	.090	.075	



A-51 Incandescent Fixture with Standard Dome Reflector

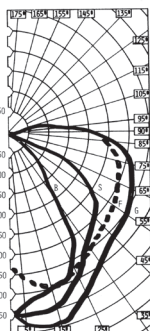
Spacing to Mtg.
Ht. Ratio 1.2:1
Guard .80



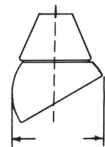
355.6
(14.00)

EFFECTIVE FLOOR CAVITY REFLECTANCE (RFC) IS 20% (NO REFLECTOR)

	% Ceiling Rcc	Rcc	80			70			50			30			10			0
			50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	
ROOM CAVITY RATIOS	% Walls	Rw																
	1		.797	.763	.733	.779	.748	.721	.745	.720	.697	.715	.695	.676	.689	.671	.655	.640
	2		.687	.633	.586	.673	.622	.581	.645	.603	.566	.620	.585	.553	.597	.567	.541	.524
	3		.594	.530	.478	.583	.522	.474	.560	.508	.464	.538	.494	.457	.519	.481	.448	.431
	4		.527	.458	.404	.517	.452	.400	.497	.440	.395	.479	.430	.390	.462	.419	.384	.366
	5		.466	.393	.340	.456	.388	.337	.440	.379	.335	.424	.371	.330	.410	.364	.326	.310
	6		.414	.342	.292	.406	.339	.288	.391	.331	.286	.378	.324	.283	.367	.317	.280	.264
	7		.369	.298	.252	.362	.294	.248	.350	.288	.245	.337	.284	.242	.328	.279	.240	.225
	8		.333	.265	.217	.327	.262	.216	.316	.257	.215	.307	.252	.213	.297	.248	.211	.196
	9		.302	.235	.189	.297	.232	.189	.287	.229	.188	.278	.224	.186	.270	.221	.185	.170
10		.273	.209	.167	.268	.209	.167	.261	.204	.166	.253	.201	.163	.247	.198	.162	.149	



A-51 Incandescent Fixture with 30° Angle Reflector



B — Back
S — Side
F — Front
G — Front w/Guard