

Stylmaster™ Incandescent Luminaires

Enclosed and Gasketed

Attractively styled fixture with prismatic globe. UNILETS® for use with threaded metal conduit.

NEC:
Class I, Division 2, Groups A, B, C, D

CSA: ^{UL}
Class I, Division 2, Groups A, B, C, D
Class II, Division 1 and 2, Groups E, F, G
Class III
Enclosure 4X

Applications

- Enclosed and gasketed lighting fixtures for use in storage areas, tunnels, subways, chemical plants and other areas where moisture, dirt or corrosive atmospheres are a problem.
- Suitable for use in wet locations.
- Standard fixtures designed for 60 to 300 Watt medium base incandescent lamps.
- Pendant, feed-thru, ceiling, stanchion and wall mounts available.
- Ventilated steel reflectors with white porcelain finish are available for standard applications. Fiberglass reinforced polyester reflectors are designed for installations where fixture is subject to severe corrosive conditions or vandalism.

Features

- Modern styling, with clean-line mounting hood and prismatic glass globe, plus optional guard.
- Prismatic globe, furnished as standard, eliminates glare and distributes light evenly.
- Globe seats firmly against composition gasket in mounting hood to keep out dirt and moisture. Full threads eliminate "cross threading."
- Fixture is complete with gaskets and socket. Socket is shock-absorbing to prolong lamp life and can be easily removed for wiring without tools.
- Porcelain socket construction assures long trouble-free operation in high ambient installations.
- Both porcelain steel and polyester reflectors are secured to mounting hoods with screws (furnished).
- Guards have exclusive snap-on attachment feature for quick installation and fast servicing.
- Choice of reflector styles:
 - (1) steel reflector with white porcelain enamel in standard dome and 30° angle
 - (2) fiberglass reinforced polyester reflector in standard dome and 30° angle.
- Maximum input voltage 277 V (suitable for DC applications).

Standard Materials

- Mounting hoods: copperfree (4/10 of 1% max.) aluminum
- Guards: pressure cast copperfree (4/10 of 1% max.) aluminum
- Reflectors: porcelain steel or fiberglass reinforced polyester
- Socket: porcelain with brass screw shell
- Globes: prismatic glass

Standard Finishes

- Mounting hoods and guards: epoxy powder coat
- Steel reflectors: baked white porcelain enamel
- Fiberglass reinforced polyester reflectors: natural finish
- Socket and globes: natural finish

Options

- To order fixture with other than standard clear glass globe, add suffix letters to catalog number as indicated in table, and adjust difference in price.

Color	Glass Globe	Plastic Globe
Amber	-AM	-PAM
Blue	-BL	-PBL
Green	-GR	-PGR
Red	-RE	-PRE
Clear Heat-Resistant	-HR	—

^{UL} CSA Certification only.

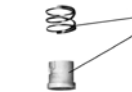


Illustrated Features



Mounting Hood

Pendant style shown has setscrew to prevent fixture stem from turning. Other styles include stanchion, ceiling and wall mounting.



Shock-Absorbing Medium Base Socket

Spring absorbs vibration to prolong lamp life. Porcelain construction for trouble-free operation in high ambient installations.



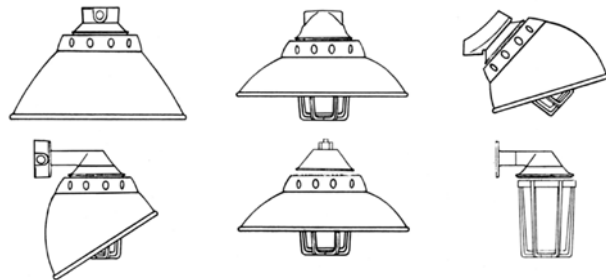
Globe

Attractive, tapered prismatic glass globes for glare elimination and uniform light distribution. Colors available – also vandal-resistant plastic globes. Globe seats firmly against gasket to exclude moisture, dirt and vapors.

Guard

Snap-on guards (and reflectors) – simply snap-in and twist. Spring action balls snap into detents of fixture body.

Guard and Reflectors







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

Stylmaster™ Incandescent Luminaire Reflectors and Accessory Weights

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		Description	Catalog Number	
			Porcelain Steel	Polyester
		Standard Dome Reflector	LPR-25ST	LPRP-25ST
		30° Angle Reflector	LPR-25AN	LPRP-25AN

Weights

Typical Mounting Hoods

Pendant	lbs/kg	Ceiling	lbs/kg	Wall	lbs/kg	Stanchion	lbs/kg
VPA75	2/0.9	VPX75	2/0.9	VPOBW10	3/1.4	VPAN-125	3/1.4
VCA75		VCX75		VCOBW10		VCAN-125	

Globes and Guards

Reflectors

Type	Globe	lbs/kg	Guard	lbs/kg	Standard Dome	lbs/kg	30° Angle	lbs/kg
60-200 W	VPGL-1	2/0.9	VPGU-1	1/0.5	LPR-25ST	3/1.4	LPR-25AN	2/0.9
200-300 W	VPGL-2	3/1.4	VPGU-2	1/0.5	LPRP-25ST	2/0.9	LPRP-25AN	2/0.9

LIGHTING: ENCLOSED AND GASKETED — AREA — INCANDESCENT

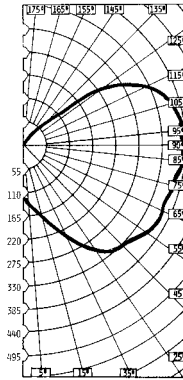
Lighting

Stylmaster™ Incandescent Luminaire Dimensions

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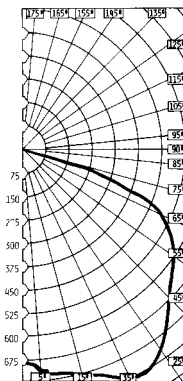
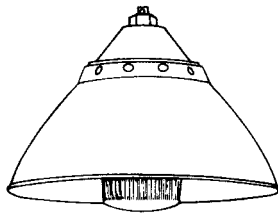
Without Reflector



Effective Floor Cavity Reflectance (Rfc) is 20%

% Ceiling Rcc	% Walls	Rw	Effective Floor Cavity Reflectance (Rfc) is 20%															
			80			70			50			30			10			0
			50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
ROOM CAVITY RATIOS	1		.739	.689	.645	.684	.640	.598	.583	.548	.517	.489	.464	.439	.404	.384	.365	.322
	2		.618	.548	.489	.572	.509	.456	.484	.435	.391	.403	.365	.331	.329	.299	.273	.234
	3		.527	.449	.386	.487	.416	.360	.411	.355	.308	.340	.297	.259	.275	.240	.210	.176
	4		.460	.378	.316	.425	.351	.294	.358	.299	.253	.297	.250	.212	.239	.202	.172	.140
	5		.398	.319	.258	.370	.296	.240	.313	.252	.206	.258	.209	.172	.208	.169	.138	.110
	6		.353	.273	.216	.325	.253	.199	.274	.215	.170	.227	.178	.141	.183	.143	.112	.087
	7		.312	.234	.181	.288	.216	.167	.242	.183	.141	.199	.152	.116	.161	.122	.092	.069
	8		.279	.204	.152	.257	.189	.142	.217	.161	.120	.180	.133	.099	.144	.106	.077	.056
	9		.251	.179	.130	.232	.166	.121	.196	.141	.102	.162	.116	.083	.130	.092	.065	.045
	10		.226	.157	.112	.208	.146	.104	.177	.124	.087	.146	.102	.070	.118	.081	.054	.037

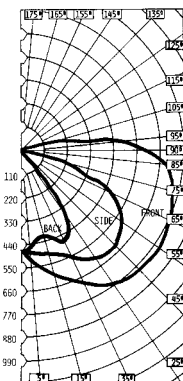
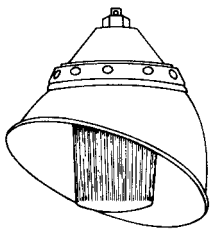
Standard Dome



Effective Floor Cavity Reflectance (Rfc) is 20%

% Ceiling Rcc	% Walls	Rw	Effective Floor Cavity Reflectance (Rfc) is 20%															
			80			70			50			30			10			0
			50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
ROOM CAVITY RATIOS	1		.777	.747	.719	.759	.731	.706	.724	.701	.681	.693	.676	.658	.666	.650	.636	.620
	2		.679	.631	.589	.665	.620	.583	.636	.599	.566	.610	.580	.552	.587	.561	.537	.521
	3		.593	.534	.486	.581	.525	.481	.557	.510	.471	.535	.495	.461	.514	.480	.451	.435
	4		.523	.459	.409	.513	.453	.405	.492	.440	.398	.473	.428	.391	.456	.416	.384	.367
	5		.459	.391	.340	.449	.385	.337	.433	.376	.334	.416	.366	.328	.401	.358	.323	.307
	6		.406	.337	.289	.397	.333	.285	.382	.325	.282	.368	.317	.278	.356	.310	.274	.259
	7		.359	.291	.246	.352	.287	.242	.339	.279	.238	.326	.274	.235	.316	.269	.232	.217
	8		.323	.257	.211	.316	.254	.210	.305	.248	.208	.295	.243	.205	.284	.238	.203	.188
	9		.291	.227	.182	.286	.223	.182	.275	.219	.180	.266	.214	.178	.257	.210	.175	.161
	10		.262	.200	.159	.257	.199	.159	.249	.194	.157	.240	.190	.154	.234	.187	.152	.140

30° Angle



Photometric data shown on this page is based on a 200 Watt A-23 lamp and is representative of the performance for all Stylmaster incandescent fixtures. For candlepower values of fixtures with other lamps, multiply the given candlepower values by the following multipliers: for 75 W A19 – 0.31; for 100 W A19 – 0.45; for 150 W A21 – 0.75; and for 300 W PS25 – 1.65. For candlepower values of fixtures with guard, multiply by 0.90.

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Lighting