Ask ADG Eco Lighting

All projects are built made to order in the USA

This enables each project to be fabricated to specific needs

Item call out: Lamping, Lenses, IP ratings, Color, Ornamental detail

Not every fixture will have an IES file or IP rating

Each fixture can be designed and manufactured to your specifications. Tell us your needs.

ADG Eco is a Solution Based Manufacturer

LTL LUMINAIRE TESTING LABORATORY, INC.

SUSTAINING MEMBER of the IESNA

905 Harrison Street · Allentown, PA 18103 · 610-770-1044 · Fax 610-770-8912 · www.LuminaireTesting.com

LTL NUMBER: 16223 DATE: 07-24-2009

CATALOG NUMBER: 150W INDUCTION LAMP
LAMP: ONE VBU 150 WATT INDUCTION LAMP WITH EXTRUDED ALUMINUM HEATSINK.

ELECTRICAL VALUES: 120.0VAC, 1.2305A, 147.52W
NOTE: THIS TEST WAS PERFORMED USING THE CALIBRATED PHOTODETECTOR METHOD OF ABSOLUTE PHOTOMETRY.*

Candela Distribution

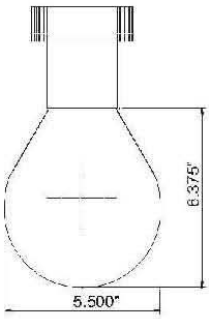
	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5	FI
0	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
5	769	769	769	769	769	769	769	769	769	769	769	769	769	769	769	769	
15	768	768	768	768	768	768	768	768	768	768	768	768	768	768	768	768	2
25	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	3
35	798	798	798	798	798	798	798	798	798	798	798	798	798	798	798	798	5
45	838	838	838	838	838	838	838	838	838	838	838	838	838	838	838	838	6
55	888	888	888	888	888	888	888	888	888	888	888	888	888	888	888	888	7
65	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934	9
75	969	969	969	969	969	969	969	969	969	969	969	969	969	969	969	969	10
85	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989	10
90	991	991	991	991	991	991	991	991	991	991	991	991	991	991	991	991	
95	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989	10
105	969	969	969	969	969	969	969	969	969	969	969	969	969	969	969	969	10
115	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	9
125	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	7
135	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	6
145	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	4
155	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	2
165	557	557	557	557	557	557	557	557	557	557	557	557	557	557	557	557	1
175	287	287	287	287	287	287	287	287	287	287	287	287	287	287	287	287	
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Zonal Lumen Summary

Zone	Lumens	% of Lamp	% of Luminaire
0-30	650.8	N/A	5.9%
0-40	1153.3	N/A	10.5%
0-60	2600.3	N/A	23.6%
0-90	5629.8	N/A	51.2%
90-180	5371.3	N/A	48.8%
0-180	11001.1	N/A	100.0%

Total lumen Output 11001.1 Lumens
Luminaire efficacy: 74.6 Lumens per Watt
CIE Type: Direct/Indirect
Spacing Criterion: 1.62

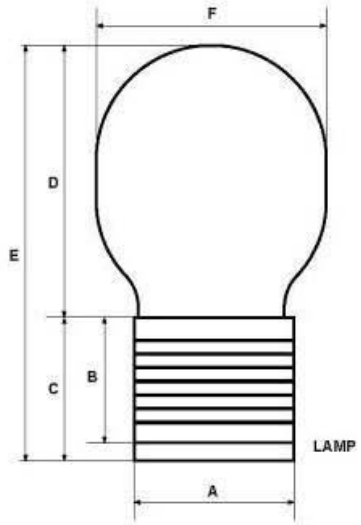
Luminaire

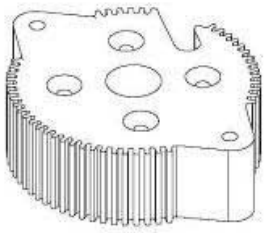


Description	Order Code	Watts (W)	Input Voltage (V)	Average Rated Life (Hrs)	Lumens (Lm)	Color Temp Kelvin (K)	CRI
ADGEco 40W	10140	40	120 - 277	100,000	2,800	5000	>85
ADGEco 70W	10170	70	120 - 277	100,000	5,250	5000	>85
ADGEco 100W	101100	100	120 - 277	100,000	7,500	5000	>85
ADGEco 150W	101150	150	120 - 277	100,000	11,250	5000	>85
ADGEco 200W	101200	200	120 - 277	100,000	15,000	5000	>85
ADGEco 250W	101250	250	120 - 277	100,000	18,750	5000	>85

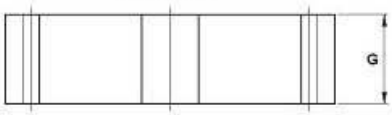
Description	Luminous Flux (Lm)	Luminous Efficacy (Lm/W) (Calculated Value)	Luminous Efficacy (Lm/W) (Tested Value)	Operating Temp	MOL (in) Lamp Height [mm]	MOL (in) Heat Sink Height [mm]
ADGEco 40W	2,400	<70	63~64	Less than 60°C	152	min 15
ADGEco 70W	4,900	<75	70~72	Less than 60°C	180	min 15
ADGEco 100W	7,500	<75	72~74	Less than 60°C	207	min 20
ADGEco 150W	10,500	<75	72~74	Less than 60°C	230	min 30
ADGEco 200W	14,000	<80		Less than 60°C	330	min 40
ADGEco 250W	17,500	<80		Less than 60°C	330	TBD

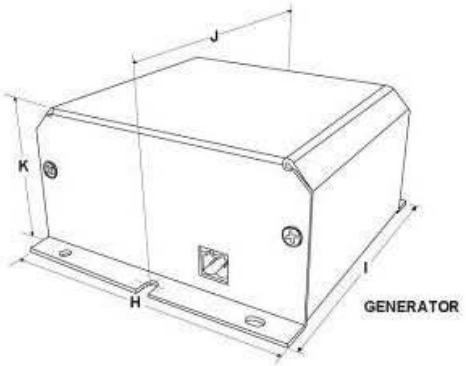
	40W	70W	100W	150W	200W
A	58.0	58.0	58.0	67.0	120.0
B	45.5	45.5	45.5	55.0	75.0
C	52.0	52.0	52.0	62.0	95.0
D	100.0±2.0	128±2.0	155.0±2.0	168±2.0	235.0±2.0
E	152.0±2.0	180.0±2.0	207.0±2.0	230±2.0	330.0±2.0
F	85.0	110.0	130.0	140.0	180.0
G	20	20	25	30	N/A
H	108	108	108	108	108
I	113	113	141	192	192
J	99	99	127	175	175
K	45	54	54	54	58





HEAT SINK





LTL LUMINAIRE TESTING LABORATORY, INC.
SUSTAINING MEMBER of the IESNA
905 Harrison Street · Allentown, PA 18103 · 610-770-1044 · Fax 610-770-8912 · www.LuminaireTesting.com