

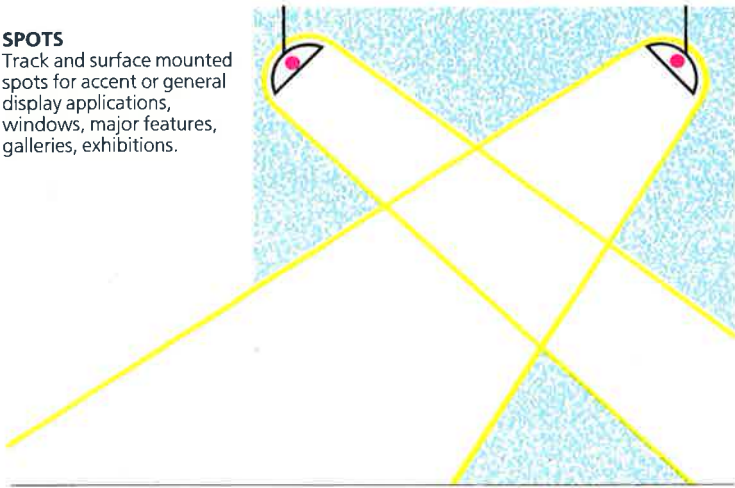
150W-3000 -12000 lumens

**ARCSTREAM
METAL HALIDE**

The mighty light package
from THORN

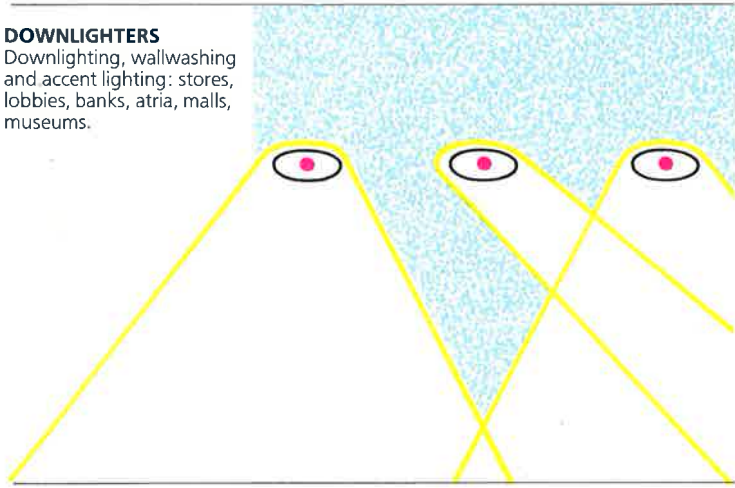
SPOTS

Track and surface mounted spots for accent or general display applications, windows, major features, galleries, exhibitions.



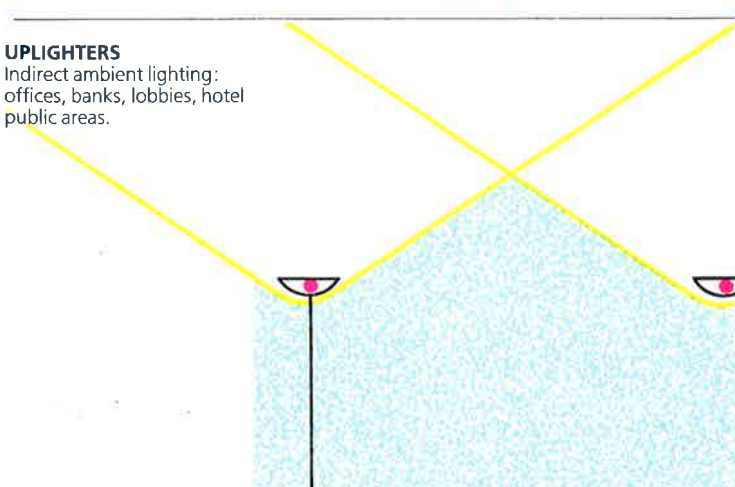
DOWNLIGHTERS

Downlighting, wallwashing and accent lighting: stores, lobbies, banks, atria, malls, museums.



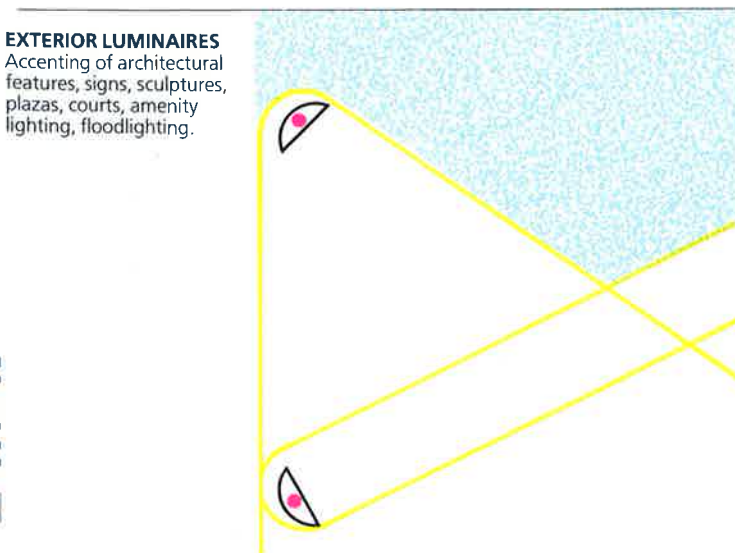
UPLIGHTERS

Indirect ambient lighting: offices, banks, lobbies, hotel public areas.



EXTERIOR LUMINAIRES

Accenting of architectural features, signs, sculptures, plazas, courts, amenity lighting, floodlighting.



Arcstream 150-3000 Metal halide lamp

The THORN Arcstream is a valuable new resource for lighting engineer, architect and designer because it combines as never before the advantages of high luminous efficacy, for which high pressure discharge sources are noted, with the controllability of incandescent point sources.

The 12000 lumens of Arcstream can be precisely directed by quite small reflectors in compact, unobtrusive luminaires easily styled to satisfy contemporary architectural needs.

The 3000K colour temperature has excellent stability and blends well with all halogen lamps and the fluorescents of the same appearance; the Colour Rendering Index of Ra80 makes Arcstream perfect for the lighting of stores and showrooms, banks or offices, hotels or churches.

With the appropriate reflector, Arcstream will produce a wide beam, with no glare, for ambient lighting to complement halogen accenting; or a medium-narrow beam for "punch" required where high illuminances are present as with daylight; or very narrow beam for even the highest mounting height in mall, lobby, atrium.

The combination of all its attributes makes Arcstream the ideal source for the environment where "modelling", colour rendering and appearance are necessary requisites.

THORN LIGHTING

For more detailed information consult your nearest THORN Lighting office.

UK Regional Sales Offices and Showrooms

Belfast
Telephone/
Fax 0232 794122

Birmingham
Telephone/
Fax 021-327-1535

Cardiff
Telephone/
Fax 0222 44200

Leeds
Telephone/
Fax 0532 636321

London North Technical Sales
Telephone/
Fax 01-801 8191

London North & South Sales Office
London South Technical Sales
Telephone/
Fax 01-858 3281

London Showroom
Telephone 01-288 6064

Manchester
Telephone/
Fax 061-223 1322

Scotland
Telephone/
Fax 0698 886007

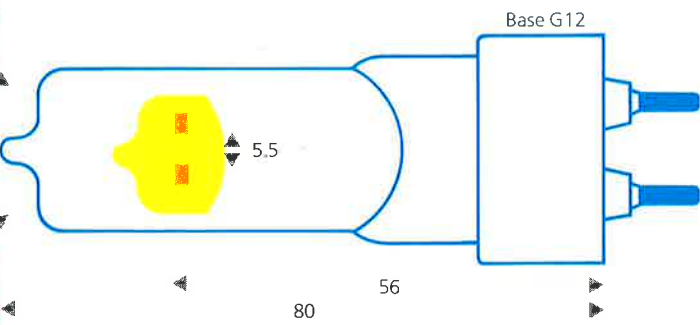
Government Contracts & Order Office
Telephone 01-363 5353
Fax 01-363 5353-2869

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Fax 01-363 5353-2869

International Marketing Division
Telephone 01-363 5353
Fax -
Day 01-363 5353-2869
Fax - Night 01-367 8596

Arcstream 150-3000

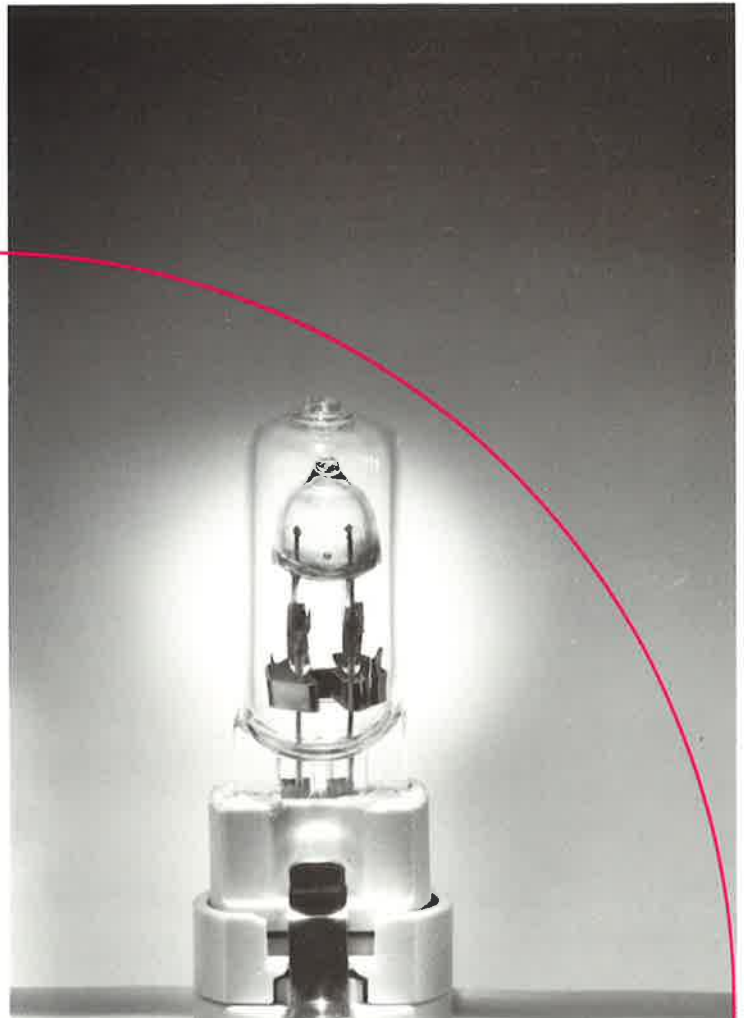
Watts 150
Luminous efficacy 80 lm/W
Lumens at 100 hours 12000
Lumens at 2000 hours 10000
Life, average, 6000 hours
Colour temperature 3000K
Colour Rendering Index Ra80
DIN 5035 group 1 (b)
Operating position universal
Run-up time 90 seconds
Restrike time 4 minutes
Base G12



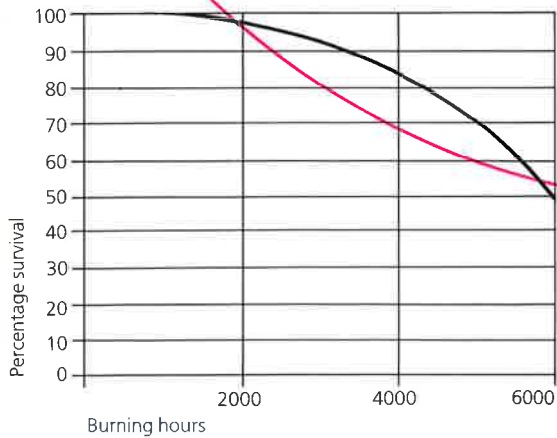
Small arc gap permits precise optical control within very compact luminaire

As with other metal halide sources, Arcstream should be operated in a luminaire fitted with glass cover.

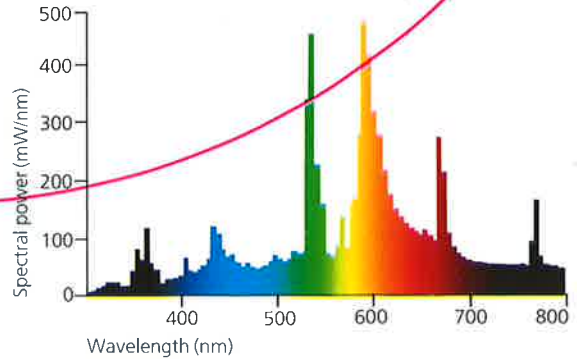
Detailed information for the design of luminaires for Arcstream lamp is available on request.



Arcstream mortality curve



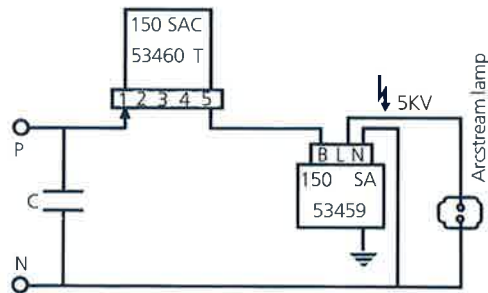
Spectral distribution



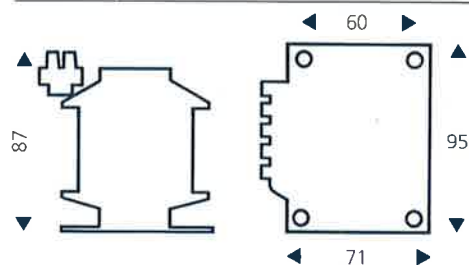
Arcstream Control gear



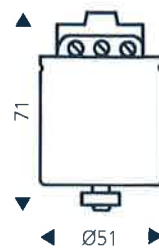
Supply	Volts	220	240
	Amps	0.85	0.77
	Watts	170	172
	PF	0.9	0.92
Lamp	Volts	95	95
	Amps	1.85	1.85
	Watts	1.46	1.46
Supply current starting		0.9	0.8
Capacitor Current (failed lamp)		1.4	1.5
%3rd harmonic in line current		13	15
Run-up time to 90% light output		1 MIN	1 MIN



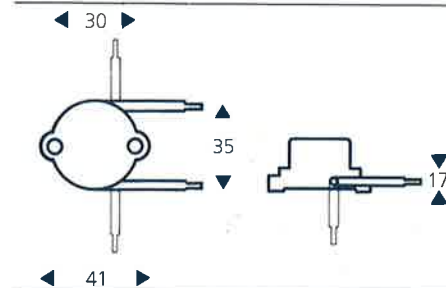
Ballast 150 SAC 53460.T
 Operates at
 220/230/240/250V 50Hz
 dt: 80°C
 tw: 140°C
 Overall height 88mm
 Approvals applied for



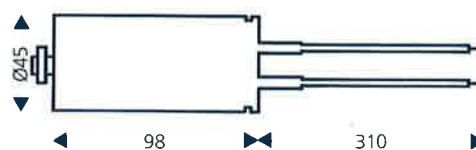
Ignitor 150 SA 53459
 Operating voltages:
 220/250V 50/60Hz
 Pulse magnitude 5KV
 Load capacitance:
 20-200pf
 Maximum case
 temperature 85°C
 Approvals applied for



Lampholder GL 1233
 Max running temp: 180°C
 Distance reference surface
 to fixing surface: 17mm
 Position of point light
 source: 73mm above the
 fixing surface
 Connecting leads: two
 high voltage leads



Capacitor C2331 or
 equivalent 20mfd 250V



Specifications. Whilst great care is taken to give up to date information THORN reserve the right to amend any specification without prior notification and all descriptions, illustrations in this publication shall not form part of any contract.

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