

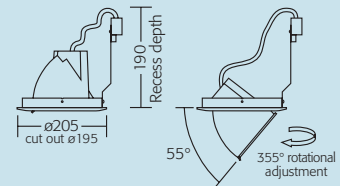
Adjustable HID Downlights

POWERLUX 150



POWERLUX 150

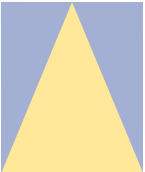
- For 35, 70 and 150 watt G12 base compact metal halide lamps and 50 and 100 watt mini white SON lamps (not inc.)
- Reflector housing has rotational and angular adjustment
- Die-cast aluminium ensures style, rigidity, accuracy, consistency of finish, resistance to heat and corrosion
- Spring fixing clips for ease and speed of installation
- Plug in control gear packs with electronic or conventional electromagnetic control gear
- Wide or narrow beam reflectors. Easily changeable without tools
- Electrical protection class I
- ▽ Suitable for mounting on normally flammable surfaces



STANDARD REFLECTOR

Powerlux is supplied as standard with 45° medium flood reflector for use in large displays or for general downlighting.

- Distribution pattern from standard reflector with beam angle of 45° @ 50% PI
- To order standard reflector only use code **SBR35**

Distribution		Max. illuminance		
		35W	70W	150W
	1.0m	35W	70W	150W
	2.0m	680	1230	2550
	3.0m	300	550	1130
	4.0m	170	310	630
	5.0m	100	200	400

LUMINAIRE WITH ELECTROMAGNETIC CONTROL GEAR

Metal Halide Lamps

Self contained unit incorporating ballast, ignitor, capacitor, auto-resetting thermal trip and pre-wired for plug and socket connection to luminaire.



	35W	70W	150W
White	MHA35	MHA70	MHA150
Aluminium	MHA39	MHA74	MHA154

N.B Lamp is not included

- To specify complete with 3000k lamp add suffix **/WL** to product code eg. **MHA70/WL**

LUMINAIRE WITH ELECTRONIC CONTROL GEAR

- Flicker free, stable running conditions, increased lamp life (by approx. 50%)
- Reduced power consumption, light weight, quicker re-strike time (by approx. 50%)
- Plug and socket connection to luminaire



	Metal Halide			Mini White SON*	
	35W	70W	150W	50W	100W
White	MHA35EB	MHA70EB	MHA150EB	MWA50	MWA100
Aluminium	MHA39EB	MHA74EB	MHA154EB	MWA54	MWA104

NB. Lamp is not included

* Electronic control gear only

- To specify complete with 3000k lamp add suffix **/WL** to product code eg. **MHA154EB/WL**

Versatility comes as standard with the Powerlux 150 which can be used as a downlight for general ambient lighting or for highlighting display items. Its wide range of lamp options allows the warmth of fabrics and the freshness of food to be brought to life. Recommended for large stores, fashion shops, food sales areas, entrance halls and car showrooms etc.

LOW VOLTAGE FOR 111 ALUMINIUM REFLECTOR LAMPS (NOT INC.)



	35W & 50W	75W & 100W
White	MLV50	MLV100
Aluminium	MLV54	MLV104

Electronic transformer included

NARROW BEAM REFLECTOR



For more intense accent lighting specify a narrow beam reflector by adding the suffix **NB** to the code no. e.g. **MHA70/NB**

Reflectors are interchangeable without the need for tools

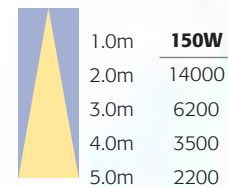
WALL FLOOD REFLECTORS



- Produces rectangular distribution to flood walls or vertical displays.
- To specify add suffix **/WF** to product code e.g. **MHA154/WF**

- 150W/NB distribution pattern from narrow reflector with beam angle of 20° @ 50% PI

Distribution Max. illum.



- 35 & 70W/NB distribution pattern from narrow reflector with beam angle of 14° @ 50% PI
- To order narrow beam reflector only use code **NBR70**

Distribution Max. illuminance



LAMP APPLICATION GUIDE

Metal Halide

Public Areas, shops, displays

White SON

Warm, good colour rendering in particular yellow orange and red. Food sales areas, fruit and veg, bread, furniture, fashion

CDM-AR111 (Available mid 2003)

- New generation ceramic arc tube discharge lamps with integral high purity reflector for precise beam control
- Please contact us for details

SPECIALS

Powerlux can be fitted into custom made ceiling or suspended, panels. Please contact us for further information.



OPTIONS

Transformers

PAGE

48 - 49

FOR SALES AND INFORMATION:

TEL: +45 36 72 22 00

FAX: +45 36 41 07 41

EMAIL: mail@elthermo.dk


WEB: www.elthermo.dk

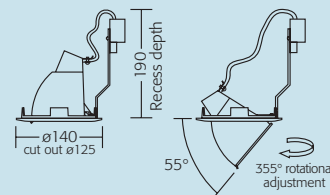
POWERLUX 150 ... DOWNLIGHTS

POWERLUX 35



POWERLUX 35


- For 20 and 35 watt G8.5 base compact metal halide lamps (not inc.)
- Reflector housing has rotational and angular adjustment
- Harmonises perfectly with Powerlux150 series
- Spring fixing clips for ease and speed of installation
- Plug in control gear
- Flood or narrow beam reflectors. Easily changeable without tools
- White to RAL9010 Aluminium to RAL9006. Special colours available on request
- Recommended for shop window displays, fashion shops, food sales areas, etc.
-  Suitable for mounting on normally flammable surfaces



STANDARD REFLECTOR

Powerlux 35 is supplied as standard with 35° medium flood reflector for use in large displays or for general ambient downlighting.

- Distribution pattern from standard reflector with beam angle of 35° @ 50% PI
- To order standard reflector only use code **SBR35**

Distribution	Max. illuminance	
	1.0m	20W 35W
	2.0m	650 1130
	3.0m	280 500
	4.0m	160 280
	5.0m	105 180

LUMINAIRE WITH CONVENTIONAL ELECTROMAGNETIC CONTROL GEAR

Self contained unit incorporating ballast, ignitor, capacitor, auto-resetting thermal trip and pre-wired for plug and socket connection to luminaire.

	20W	35W
White	N/A	MCA35
Aluminium	N/A	MCA39

NB. Lamp is not included

To specify complete with 3000K lamp add suffix **/WL** eg. **MCA35/WL**

LUMINAIRE WITH ELECTRONIC CONTROL GEAR

- Flicker free, stable-running conditions. Increased lamp life (by approx. 50%)
- Reduced power consumption. Light weight. Quicker re-strike time (by approx. 50%)
- Plug and socket connection to luminaire

	20W	35W
White	MCA20EB	MCA35EB
Aluminium	MCA24EB	MCA39EB

NB. Lamp is not included

To specify complete with 3000K lamp add suffix **/WL** eg. **MCA35EB/WL**

Accent light or general downlighting from a powerful, warm and sparkling, yet discrete, light source with excellent colour rendering. Uses a metal halide "ceramic" lamp and is suitable for public areas, shops, shop windows and displays.


NARROW BEAM REFLECTOR



For more intense accent lighting specify a narrow beam reflector by adding the suffix **/NB** to the code no. e.g. **MCA35/NB**

Reflectors are interchangeable without the need for tools.

- Distribution pattern from narrow beam reflector with beam angle of 15° @ 50% Pl
- To order narrow beam reflector only use code **NBR35**

Distribution	Max. illuminance	
	1.0m	20W 35W
	2.0m	2860 5000
	3.0m	1250 2200
	4.0m	750 1250
	5.0m	460 800

SPECIALS

Powerlux can be fitted into custom made ceiling or suspended, panels. Please contact us for further information.



FOR SALES AND INFORMATION:

TEL: +45 36 72 22 00 EMAIL: mail@elthermo.dk

FAX: +45 36 41 07 41 WEB: www.elthermo.dk