

NELSON
INDUSTRIES

RETRO-FIT PRO

With internal ignitor

Mercury Vapour to Metal Halide
Direct Replacement Lamp

400 Watt
Mercury Vapour
to Metal Halide
Direct Replacement Lamp
With internal ignitor

- Low cost conversion from Mercury Vapour to Metal Halide
- Up to 55% more light than 400W Mercury Vapour
- High efficiency white light, up to 100 lm/w for better colour rendition

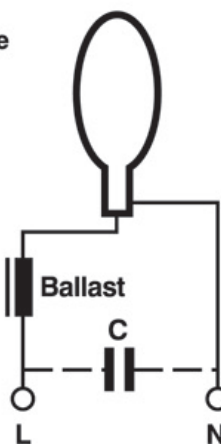
OUTPUT

Mercury Vapour	22,700 lm
Metal Halide	40,000 lm

4000°K
Rated Average Life 12,000 Hrs*
Calculated at a 10 hour switching cycle

Made in China for
Nelson Industries Australia.

NELSON
INDUSTRIES



**PRICE
ONLY**
\$70.00
NMH400/C/USIG

1 PER PACK

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400W METAL HALIDE LAMP COATED

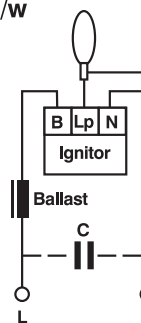
- Easy conversion from Mercury Vapour to Metal Halide
- Up to 60% more light than 400W Mercury Vapour
- Improved safety
- High efficiency white light for better colour rendition

400 Watt Mercury Vapour to Metal Halide Conversion Kit *Ignitor included*

- Low cost conversion from Mercury Vapour to Metal Halide
- Up to 60% more light than 400W Mercury Vapour
- High efficiency white light, up to 90 lm/w for better colour rendition
- Improved safety

	OUTPUT
Mercury Vapour	22,700 lm
Metal Halide	36,000 lm

Ignitor must be installed by a
registered electrical contractor



**PRICE
ONLY
\$68.00**

NMH400/CUKIT

**Ignitor
included**

1 PER PACK

**Ignitor
included**

NELSON H.I.D. LAMPS

LAMP TUBE	WATTAGE	LAMP LUMENS INITIAL	AVERAGE RATED LIFE	COLOUR	CRI-RA	LAMP VOLTS	LAMP BASE
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NELSON METAL HALIDE STANDARD

NMH70/U	70	5600	15,000HRS	4000K	65	85	E27
NMH70/C/U	70	5300	15,000HRS	4000K	70	85	E27
NMH100/U	100	8000	15,000HRS	4000K	65	100	E27
NMH100/C/U	100	8500	15,000HRS	4000K	70	100	E27
NMH150/U	150	15000	15,000HRS	4000K	65	95	E27
NMH150/C/U	150	14250	15,000HRS	4000K	70	95	E27
NMH175/U	175	17500	15,000HRS	4000K	65	132	E39
NMH175/C/U	175	16625	15,000HRS	4000K	70	132	E39
NMH250/U	250	21000	15,000HRS	4000K	65	133	E39
NMH250/C/U	250	20000	15,000HRS	4000K	70	133	E39
NMH400/U	400	36000	20,000HRS	4000K	65	135	E39
NMH400/C/U	400	33900	20,000HRS	4000K	70	135	E39
NMH1000/C/U	1000	105000	12,000HRS	4000K	70	263	E39

NELSON METAL HALIDE COATED

NMH400/CLKIT	400	33900	20,000HRS	4000K	70	135	E39
NMH250/C/U/SIG	250	20000	5,000HRS	4000K	65	117	E39
NMH400/C/USIG	400	40000	5,000HRS	4000K	65	125	E39

NELSON METAL HALIDE TUBULAR

NMHT250/U	250	20500	10,000HRS	4000K	65	133	E40
NMHT400/U	400	36000	20,000HRS	4000K	65	133	E40

NELSON METAL HALIDE DOUBLE ENDED

NMHDE70/4K	70	5500	10,000HRS	4000K	65	90	R75
NMHDE70/3K	70	5500	10,000HRS	3000K	70	90	R75
NMHDE70/5K	70	5500	10,000HRS	5000K	70	90	R75
NMHDE150/4K	150	11250	10,000HRS	4000K	65	95	R75
NMHDE150/3K	150	11250	10,000HRS	3000K	70	95	R75
NMHDE150/5K	150	11250	10,000HRS	5000K	70	95	R75

NELSON HIGH PRESSURE SODIUM ELLIPTICAL

NSONE70	70	5800	16,000HRS	2100K	24	90	E27
NSONE150	150	14000	24,000HRS	2100K	24	100	E40
NSONE250	250	27000	24,000HRS	2100K	24	100	E40
NSONE400	400	47000	24,000HRS	2100K	24	100	E40

NELSON HIGH PRESSURE SODIUM TUBULAR

NSONT70	70	6000	24,000HRS	2100K	24	90	E27
NSONT250	250	27500	24,000HRS	2100K	24	100	E40
NSONT400	400	48000	24,000HRS	2100K	24	100	E40

NELSON HIGH PRESSURE SODIUM "SELF IGNITOR" ELLIPTICAL

NSONE70I	70	5800	16,000HRS	2100K	24	90	E27
NSONE210I	210	18000	20,000HRS	2100K	24	117	E40
NSONE350I	350	34500	20,000HRS	2100K	24	117	E40

NELSON HIGH PRESSURE SODIUM REFLECTORS

NVSONRF400	400	32000	24,000HRS	2100K	24	100	E40
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NMH250C/U



NMHT250/U



NMHDE70/4K



NSONE250



NSONT70I



NSONT70

High Intensity Discharge Lamps

H.I.D LAMPS

	SYLVANIA	GE	OSRAM	PHILIPS	THORN	RADIUM	EYE	
								PRICE PER UNIT
	-	MVR 70/U/MED	HQIE70NDL-CL	-	MH 70U	HRI-E 70NDL-CL	-	\$70.00
	M70/C/U	MVR 70/C/U/MED	HQIE70NDL	-	MH 70U	HRI-E 70NDL	-	\$70.00
	M100/C	MVR 100/U/MED	-	-	MH 100U	-	-	\$70.00
	M100/C/U	MVR 100/C/U/MED	-	-	MH 100CU	-	-	\$70.00
	M150/U	-	-	-	MH 150U	-	-	\$70.00
	M150/C/U	-	-	-	MH 150CU	-	-	\$70.00
	M175/U	MVR 175/U	-	-	MH 175U	-	MX175/U	\$56.00
	M175/C/U	MVR 175/C/U	-	-	MH 175CU	-	MF175X/C/U	\$56.00
	M250/U	MVR 250U	-	MH 250U	MH 250U	-	M250X/U	\$56.00
	M250/C/U	MVR 250CU	-	MH 250CU	MH 250CU	-	MF250X/C/U	\$56.00
	M400/U	MVR 400U	-	MH400U	MH 400U	-	M400X/U	\$56.00
	M400/C/U	MVR 400CU	-	MH400CU	MH 400CU	-	MF400X/U	\$56.00
	M1000/C/U	MVR 1000CU	-	-	MH 1000CU	-	MF1000BX/U	\$144.00
								\$70.00
								\$68.00
								\$68.00
	HIT 250/U/EURO	-	-		-	-	-	\$70.00
	IT 400/U/EURO	-	-		-	-	-	\$70.00
	HSI-TD 70W4K	MQI/70/T6/43	HQITS70NDL	MHNTD70	MH-DE70/4K	HRI-TS 70NDL	-	\$42.00
	HSI-TD 70W3K	MQI/70/T6/30	HQITS70WDL	MHWTD70	MH-DE70/3K	HRI-TS 70WDL	-	\$42.00
							-	\$42.00
	HSI-TD 150W4K	MQI/150/T7/43	HQITS150NDL	MHNTDI 50	MH-DE150/4K	HRI-TS 150NDL	-	\$42.00
	HSI-TD 150W3K	MQI/150/T7/30	HQITS150WDL	MHWTDI 50	MH-DE150/3K	HRI-TS 150WDL	-	\$42.00
							-	\$42.00
	SHP70/CO/E	TCL 70	NAV-E 70	SON 70W/E	SON-E 70	RNP-E 70	NH70FIHV/70SH	\$30.00
	SHP150	TCL 150	NAV-E 150	SON 150	SON-E150	RNP-E 150	NHI50F	\$46.00
	SHP240	TCL 250	NAV-E 250	SON 250	SON-E 250	RNP-E 250	NHI250F	\$50.00
	SHP400	TCL 400	NAV-E 400	SON 400	SON-E 400	RNP-E 400	NHI400F	\$54.00
								\$29.90
	SHIYT250	TCF250	NAV-T 250	SON-T 250	SON-T 250	RNP-T 250	NHT250	\$52.50
	SHIYT400	TCF400	NAV-T 400	SON-T 400	SON-T 400	RNP400	NHT400	\$56.00
	SHP70/CO/I							\$35.00
	SHX210W	OPERATES ON STANDARDS 250W MERCURY VAPOUR CONTROL GEAR						\$78.76
	SHX350W	OPERATES ON STANDARDS 400W MERCURY VAPOUR CONTROL GEAR						\$89.26
							NHR400	\$150.00

NELSON H.I.D. LAMPS

LAMP TUBE	WATTAGE	LAMP LUMENS INITIAL	AVERAGE RATED LIFE	COLOUR	CRI-RA	LAMP VOLTS	LAMP BASE
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NELSON MERCURY VAPOUR

NMBF80	80	3200	8000HRS	4000K	45	115	E27
NMBF125	125	6200	8000HRS	4000K	45	125	E27
NMBF250	250	12750	24,000HRS	4000K	45	130	E40
NMBF400	400	22750	24,000HRS	4000K	45	135	E40

NELSON MERCURY VAPOUR REFLECTORS

NMMVRF400	400	14400	24,000HRS	4000K	60	130	E40
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NELSON MERCURY VAPOUR REFLECTORS "SELF-BALLASTED"

NMVSBR250	250	6200	10,000HRS	3200K	65	240	E27
NMVSBR500	500	10000	15,000HRS	3200K	65	240	E40

NELSON MERCURY VAPOUR "SELF BALLASTED"

GYZ250	250	6350	6000HRS	3500K	60	240	E40
GYZ450	400	10000	6000HRS	3500K	60	240	E40



NMBF250



GYZ450

NELSON H.I.D. TESTER

CODE	DESCRIPTION
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TVHID	ELECTRICAL HID TESTER
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SEE PAGE 143

\$328.00



NELSON
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HORTICULTURAL RANGE

* Rated Average Life is based on 10 hours per start

NELSON HORTICULTURE RANGE - HIGH PRESSURE SODIUM

All Lamps Carton Quantity is 1

CODE	DESCRIPTION	LAMP VOLTS	LUMENS (lm)	WATTS	BASE	LENGTH (mm)	DIAMETER (mm)	RATED AVERAGE LIFE*	PRICE PER UNIT
NHORTHPS400	HPS400/T46/GRO	115V	55000	400	E40	283	46	24,000HRS	\$47.00
NHORTHPS600	HPS600/T46/GRO	115V	85000	600	E40	292	46	24,000HRS	\$73.40
NHORTHPS1000	HPS1000/T65/GRO	115V	140000	1000	E40	392	65	24,000HRS	\$122.20

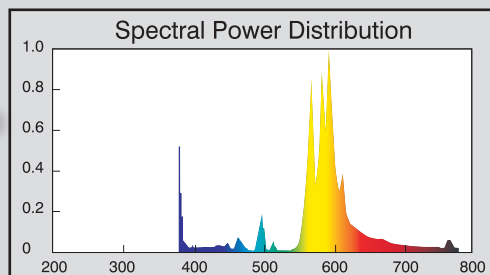
NELSON HORTICULTURE REFLECTOR LAMP - HIGH PRESSURE SODIUM

All Lamps Carton Quantity is 1

CODE	DESCRIPTION	LAMP VOLTS	LUMENS (lm)	WATTS	BASE	LENGTH (mm)	DIAMETER (mm)	RATED AVERAGE LIFE*	PRICE PER UNIT
NSONH600	MAXI GROW	125V	85000	600	E40	285	47	30,000HRS	\$157.50



Space saving, internal reflector for maximum light efficiency. No need for bulky large reflectors.



NELSON HORTICULTURE RANGE - METAL HALIDE (EUROPEAN SPECIFICATIONS)

All Lamps Carton Quantity is 1

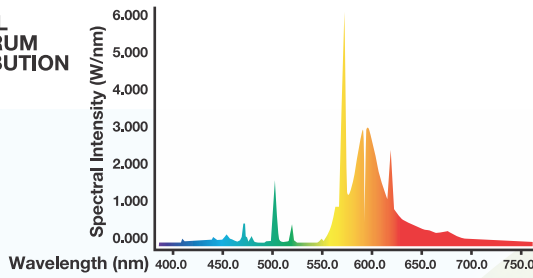
CODE	DESCRIPTION	LAMP VOLTS	LUMENS (LM)	WATTS	BASE	LENGTH (mm)	DIAMETER (mm)	RATED AVERAGE LIFE*	PRICE PER UNIT
NHORTHMH1000E	MAXI-GROW METAL HALIDE (T64) EUROPEAN	100V	115000	1000	E40	392	65	12,000HRS	\$88.70

NELSON HORTICULTURE RANGE - METAL HALIDE (AMERICAN SPECIFICATIONS)

All Lamps Carton Quantity is 1

CODE	DESCRIPTION	LAMP VOLTS	LUMENS (LM)	WATTS	BASE	LENGTH (mm)	DIAMETER (mm)	RATED AVERAGE LIFE*	PRICE PER UNIT
NHORTHMH1000A	MAXI-GROW METAL HALIDE (BT56) AMERICAN	135V	115000	1000	E39	383	175	12,000HRS	\$88.70

**TYPICAL
SPECTRUM
DISTRIBUTION**



400W
NHORTHPS400



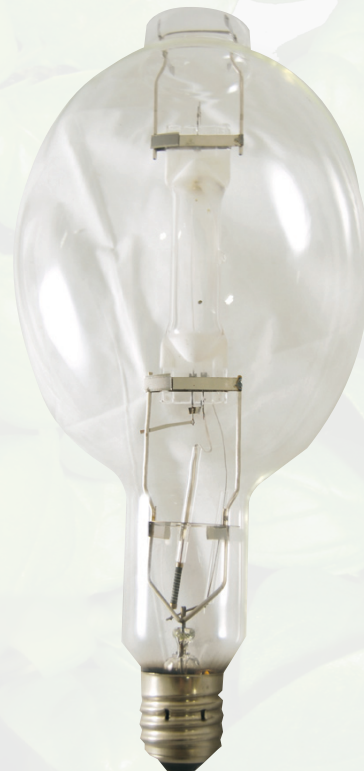
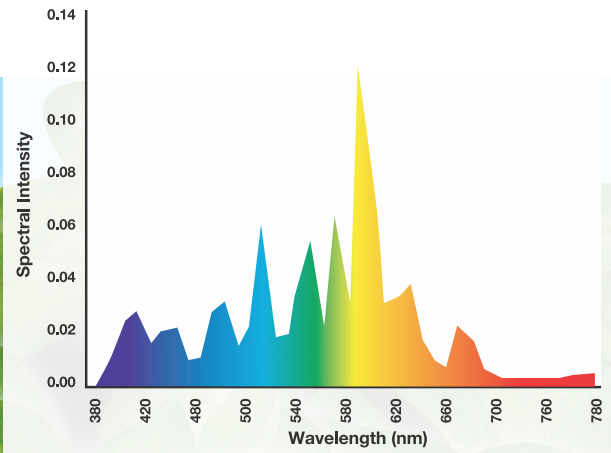
600W
NHORTHPS600



1000W
NHORTHPS1000

HIGH PRESSURE SODIUM

TYPICAL SPECTRUM DISTRIBUTION



1000W
AMERICAN
NHORTMH1000A



1000W
EUROPEAN
NHORTMH1000E

METAL HALIDE