

**DANGER ULTRAVIOLET RADIATION. HERAEUS NOBLELIGHT. REPLACEMENT
LAMPS IN COMPLIANCE WITH FEDERAL STANDARD 21 CFR 1040.20
DOCUMENTED AND SUBMITTED AS TO EQUIVALENCY.**



Competitors Brand	Heraeus Brand	Part #
CosmoLux® VHR® 16150 FR59 140w FR59 BP	OHM 20/140R FR71 OHM 4/140R FR71	45007052 80003021
CosmoLux® VHR® 16180 FR71 160w FR71 BP	OHM 16/160R FR71 OHM 20/160R FR71 OHM 160SR FR71 OHM 4/160R FR71	45006505 45007053 45007945 80003022
CosmoLux® VHR® TT 16169 FR71 160w FR71 BP	OHM 20/160R FR71	45007053
CosmoLux® VHR® 9K90 16391 FR71 160w FR71 BP	OHM 4/160R FR71	80003022
CosmoLux® VHR® 9K90 16392 180w FR2M BP CosmoLux® VHR® 180W 16220 FR2M BP	OHM 4/180R FR 2M OHM 20/180R FR 2M OHN 20/180R FR 2M	80003203 45006685 80005942
CosmoLux® VHR® 200 16218 FR71 200w FR71 BP	OHM 20/160R FR71	45007053
CosmoLux® VLR 18790 FR59 80w FR59 BP	OHM 20/80R FR59	45007938
Cosmolux 25W LS 10036	OHC Slim 25L	80006134
Cosmolux 25W LSR 10028	OHC Slim 25LR	80006135
CosmoLux® VLR® 18810 FR71 100w FR71 BP	OHM 16/100R FR71 OHN 20/100R FR71 OHM 20/100R FR71	45006398 45007037 45006356
CosmoLux® VLR® TT® 15212 FR71 100w FR71 BP	OHM 20/100R FR71 OHN 20/100R FR71	45006356 45007037
Cosmolux RA Plus 100W F71 (15500)	TBA	
Goldarium® SP 100w F73 RDC 11306 "F73" T12/RDC Goldarium® SP 100w F71 BP 11305 SA1-12-100w	OHC 100 HXL F73 RDC OHN 100 T F71	80006926 TBA
Goldarium® SR 100w F71 BP 15340 100w	OHM 20/100R FR71	45006356
CosmoLux® Hi-Tan® 100w F73 RDC 10197 F73 Rapid Start RDC	OHN 100 HXU F73 RDC	80006919
CosmoLux® Hi-Tan® 100w F71 BP 10198 Preheat Bi-Pin	OHN 100 HXU F71 OHM 20/100R FR71	80006920 45006356
Wolff System Crystal Sun S DA1-763-100w F71 BP Wolff System Diamond Sun S DSS71-T12-100w F71 BP	OHC 100 HXL F71	TBA
Wolff System Crystal Sun S DA1-763-100w F73 RDC	OHC 100 HXL F73 RDC	80006926
Wolff System Diamond Sun S DSS73-T12-100w F73 RDC	OHC 100 HXL F73 RDC	80006926
Wolff System Bellarium S SA1-71-100w F71 BP Cosmedico Goldarium SP 11305 SA1-12-100w F71 BP Wolff System EuroSun S3 ES3-71-100w F71 BP Wolff System Velocity VEL71-T12-100w F71 BP Wolff System Everglo	OHN 100 T F71 OHC 100 XL F71	80006925 45006677
Wolff System Bellarium S SA1-10-100w F73 RDC Cosmedico Goldarium SP 11306 SA1-12-100w F3 RDC Wolff System EuroSun S3 ES3-73-100w F73 RDC Wolff System Velocity VEL73-T12-1002 F73 RDC Wolff System Everglo	OHN 100 T F73 RDC	80006923

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Wolff System Speed 175 SPD71-T12-175 100w F71 BP Wolff System Speed 205 SPD71-T12-205 100w F71 BP	OHC 100 XLR FR71	45006679
Wolff System Speed 225R SPD71-T12-225R 100w FR71 BP Wolff System Speed 255R SPD71-T12-255R 100w FR71 BP Wolff System Speed 275R SPD71-T12-275R 100w FR71 BP	OHM 16/100R FR71	45006398
Wolff System Speed 315 VS-R 160w FR71 BP Wolff System Speed 325 VS-R 160w FR71 BP	OHM 16/160R FR71 OHM 20/160R FR71	45006505 45007053
Wolff System BODY SCAN X BSX-71-100W	OHC 100 XL F71	45006677
Wolff System BODY SCAN XR BSX-71-100WR	OHM 16/100R FR71	45006398
Wolff System BODY SCAN XXR BSXX-71-160WR Wolff System BODY SCAN XXXR BSXXX-71-160WR	OHM 20/160R FR71	45007053
Wolff System ETERNAL SUN ETR-71-100W	OHC 100 HXL F71 OHN 100 T F71	TBA 80006925
Wolff System ETERNAL SUN ETR-73-100W	OHC 100 HXL F73 RDC OHN 100 T F73 RDC	TBA 80006923
Genesis 2000 SHRX 180w FR2M	OHM 20/180R FR 2M OHN 20/180R FR 2M	45006685 80005942
Genesis 120w F73T12-HO-120w 26974 F73 RDC	OHN 100 T F73 RDC	80006923
Genesis 170w RX VHO 170w FR71 PB	OHM 16/160R FR71	45006505
Genesis 170w RS VHO 170w FR72 RDC	OHM 16/160R FR w/72" RDC	45006505
Genesis 200w SHRX 200w FR72 RDC	OHM 16/160R FR w/72" RDC	45006505
Tan America VIP Gold HO-Special Edition HO-F73 F73 RDC	OHN 100 T F73 RDC	80006923
Tan America VIP Gold FR71 VHO ZXR 160w F71 RDC	OHM 20/160R FR71	45007053
Tan America VIP Gold FR73 VHO ZXR 160w F73 RDC	OHM 20/160R FR73 RDC	80003260
Tan America VIP Gold HO ZXR 100w FR73 RDC	OHM 20/100R FR73 RDC	80003259
Tan America Premier FR71 VHO 160w F71 Tan America Premier FR73 VHO 160w F73 RDC Tan America Premier FR71 VHO 160w F71	OHM 20/140R FR59 OHM 20/160R FR73 RDC OHM 20/160R FR71	45007052 80003260 45007053
Puretan F73 Puretan S+ 033.B-A-C.1000 F73 RDC	OHN 100 T F73 RDC	80006923
Puretan Spectralarium R+ 100w FR73 RDC	TBA	
Puretan Spectralarium VHOR+ FR59	OHM 23/140R FR59	80007547
Puretan Spectralarium VHO/R+ 160w FR73 RDC	OHN 33/160R FR73 RDC	80006205
F73 Puretan SX RDC	OHN 100 HXU F73 RDC	80006920
ISO Long Light 140 R16 ISO Long Light 160 R16	OHM 20/140R FR59 OHM 16/160R FR71	45007052 45006505

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Competitors Brand	Heraeus Brand	Part #
LSI SIGNATURE SERIES FR71/HOR	OHM 16/100R FR71	45006398
LSI SIGNATURE SERIES FR59/HOR	OHM 20/140R FR59	45007052
LSI SIGNATURE SERIES PLUS FR71/VHOR	OHM 16/160R FR71 OHM 20/160R FR71	45006505 45007053
LSI Midday Sun 5.0 F71T12/BL/BP	OHN 100 T F71	80006925
LSI Midday Sun 5.0 F71T12/BL/BP Reflector	OHN 100 HXLR FR71	80006128
LSI Midday Sun 5.0 F73T12/BL/HO RDC	OHN 100 T F73 RDC	80006923
LSI 1341 Spaghetti 25w non reflector	OHC Slim 25L	80006134
Philips Advantage XPT 100W R 710369	OHM 26/100R FR71	80015369
Philips Advantage XPT 140W R	OHM 23/140R FR71	45007547
Philips Advantage XPT 160W R 710383	OHM 26/160R FR71	80006133
Philips Performance UVA 100W	OHC 100 M	45006670
Philips Cleo 25WS	OHC Slim 25L	80006134
Philips Swift XPT 100W R	OHM 20/100R FR71	45006356
Philips Swift XPT 140W R	OHM 20/140R FR71	45007052
Philips Swift XPT 160W R	OHM 20/160R FR71	45007053
Ergoline Super Power R & Philips Performance R	OHN 07/100R FR71	45006506
Kalfasun FR71T12 B23-S 100W	OHM 26/100R FR71	80015369
Kalfasun FR71T12 B23-S 160W	OHM 23/160R FR71	45007054
Kalfasun FR71T12 B17-S 160W	OHM 20/160R FR71	45007053
Kalfasun FR59T12 B23-S 140W	OHM 23/140R FR71	45007547
Kalfasun FR59T12 B14-S 80W	OHM 20/80R FR59	45007938
Kalfasun FR71T12 B14 100W	OHM 16/100R FR71	45006398
Kalfasun FR71T12 B14-S 100W	OHM 16/100R FR71	45006398
Sunfit RX 80W FR59	OHM 20/80R FR59	45007942
Sunfit RX 100W FR71	OHM 16/100R FR71	45006398
Sunfit RX 100W FR71	OHM 20/100R FR71	45006356
Sunfit VX 160W F71	OHC 160 XL FR71	45006680
Sunfit VRX 160W FR71	OHM 20/160R FR71	45007053
Sunfit VRX 140W FR59	OHM 20/140R FR59	45007052
Sunfit XXL 180W 2M	OHM 20/180R FR 2M	45006685
Heartland Rave 5059	TBA	
Heartland Rave 5071	OHN100 T F71	80006925
Heartland Rave 7059	TBA	
Heartland Rave 7071	OHN 100 HXT F71	80006922
Heartland Rave 7073	OHN 100 HXT F73 RDC	80006921
Heartland Rave 8559	TBA	
Heartland Rave 8571	OHN 100 HXU F71	80006920
Heartland Rave 8573	OHN 100 HXU F73 RDC	80006919
Heartland Rave 80 FR 59 HO	OHM 20/80R FR59	45007938
Heartland Rave 10071 FR 71 HO	OHM 16/100R FR71	45006398
Heartland Rave 10071 FR 71 Plus	OHM 20/100R FR71	45006356
Heartland Rave 10071 FR 71 APR	OHM 4/100R FR71	TBA
Heartland Rave 12071R 1989	OHM 20/100R FR71	45006356

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Competitors Brand	Heraeus Brand	Part #
Heartland Rave 140 FR 59 VHO	OHM 20/140R FR71	45007052
Heartland Rave 160 FR 71 VHO	OHM 20/160R FR71	45007053
Heartland Rave 160 FR 71 VHO Plus	OHM 23/160R FR71 or OHM 20160R FR71	45007054 45007053
Heartland Rave 160 FR 73 VHO Plus	OHM 23/160R FR73 RDC or OHM 20/160R FR73 RDC	TBA 80003260
Heartland Rave 160 APR	OHM 4/160R FR71	80003022
Heartland Rave 180 APR	OHM 4/180R FR 2M	80003023
Heartland Rave 10071 AP	TBA	
Soltron VHP 12 160W FR71	OHM 20/160R FR71	45007053
Soltron VHP 10 160W FR71	OHM 23/160R FR71	45007054
Soltron VHP 10 180W 2M FR71	OHM 4/180R FR 2M	80003023
Soltron VHP 15 120W FR71	OHM 16/100R FR71	45006398
Soltron VHP 20 100W FR71	OHM 16/100R FR71	45006398
Soltron VHP 15 140W FR71	OHM 20/160R FR71	45007053
Soltron VHP 15 160W FR71	OHM 16/160R FR71	45006505
Soltron VHP 20 160W FR71	OHM 14/160R FR71	45006506
Soltron Superpower 120W	TBA	
Ergoline VHP 12 160W FR71	OHM 20/160R FR71	45007053
Ergoline VHP 15 160W FR71	OHM 16/160R FR71	45006505
Ergoline VHP Genesis 15 120W FR71	OHM 16/100R FR71	45006398
Ergoline VHP Genesis 15 160W FR71	OHM 16/160R FR71	45006505
Ergoline VHP 15 140W FR71	OHM 20/160R FR71	45007053
Ergoline VHP 10 180W 2M	OHM 20/180R FR 2M	45006685
Ergoline Genesis 200W 2M	OHM 20/180R FR 2M	45006685
Ergoline Genesis 120W F71	TBA	
Ergoline VHP 10 160W FR71	OHM 23/160R FR71	45007054
Voltarc 5.0 100W F-71 16808 non-reflector	OHN 100T F71	80006925
Voltarc GTX 5.0 100w FR71 Reflector M5-001-36770	OHM 20/100R FR71 OHM 23/100R FR71	45006356 45006432
ProTech Professional DUAL FT UVA 100 Watt F71	OHN 100 T F71	80006925
ProTech Professional DUAL AT UVA 100 Watt F71	OHN 100 T F71	80006925
ProTech Professional Dual AT UVA 80 Watt F59	N/A	
ProTech Professional DUAL AT UVA 100 Watt F71	OHN 100 T F71	80006925
ProTech Intensive DUAL FT R-UVA 100 Watt	Speedster 100 HXL R 71	80006128
ProTech Intensive DUAL AT R-UVA 100 Watt	Speedster 100 HXL R 71	80006128
ProTech Intensive R-UVA 80 Watt	N/A	
ProTech Intensive R-UVA 100 Watt	Speedster 100 HXL R 71	80006128
ProTech Intensive XL R-UVA 120 Watt	N/A	
ProTech Intensive DUAL XL R-UVA 120 Watt	N/A	
ProTech High Intensive DUAL XL R-UVA 180 Watt	Magic Sun 20/180R FR 2M	45006685
ProTech High Intensive R-UVA 160 Watt	Magic Sun 20/160R FR71	45007053
ProTech Soft Power UVA 25 WATT	OHC Slim 25L	80006134
ProTech Soft Power R-UVA 25 WATT	OHC Slim 25LR	80006135
Wolff Systems Bronzing Sun Mag FR71 BP 27248 L00025 100 watt	OHM 26/100R FR71	80015369
Wolff Systems Bronzing Sun Plus FR71 BP 26000 L00026 100 watt	OHM 23/100R FR71	45006432
Wolff Systems Bronzing Sun FR71 BP 27221 L00009 160 watt	OHM 20/160R FR71	45007053
Wolff Systems Bronzing Sun HPK90 FR71 VS-R 27172 L00027 160 watt	OHM 4/160R FR71	80003022
Wolff Systems Bronzing Sun Plus FR71 BP 27223 L00014 160 watt	OHM 20/160R FR71	45007053
Wolff Systems Velocity VS-R FR71 27049 L00042 160 watt	OHM 16/160R FR71	45006505
Wolff Systems Bronzing Sun Gold FR71 BP 27085 L00020 200 watt	OHM 16/160R FR71	45006505
	OHM 20/160R FR71	45007053
Wolff Systems Bronzing Sun Gold FR79 BP 27066 L00021 180-200 watt	OHM 20/180R 2M	45006685
Wolff Systems Bronzing Sun HPK90 FR71 BP 27173 L00032 200 watt	OHM 4/160R FR71	80003022

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KBL AMERICA MEGALINE 1802 R 100W	OHM 16/100R FR71	45006398
KBL AMERICA MEGALINE 1802 R 120W	OHM 16/100R FR71	45006398
KBL AMERICA MEGALINE 1803 R 120W	OHM 16/100R FR71	45006398
KBL AMERICA MEGALINE 1803 R 140W	OHM 16/100R FR71	45006398
KBL AMERICA MEGALINE 1805 R 140W	OHM 16/100R FR71	45006398
KBL AMERICA MEGALINE 1805 R 160W	OHM 16/100R FR71	45006398
KBL AMERICA MEGALINE 1862 R 160W	OHM 16/160R FR71 or	45006505
KBL AMERICA MEGALINE 1862 R 170W	OHM 20/160R FR71	45007053
KBL AMERICA MEGALINE 1865 R 160W PLUS	OHM 20/160R FR71	45007053
KBL AMERICA MEGALINE 1865 R 200W PLUS	OHM 20/160R FR71	45007053
KBL AMERICA MEGALINE 2082 R 230W	OHM 20/180R 2M	45006685
KBL AMERICA MEGALINE 2085 R 200W	OHM 20/180R 2M	45006685
Heraeus OHM 16/160R FR71 45006505	OHM 20/160R FR71	45007053

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