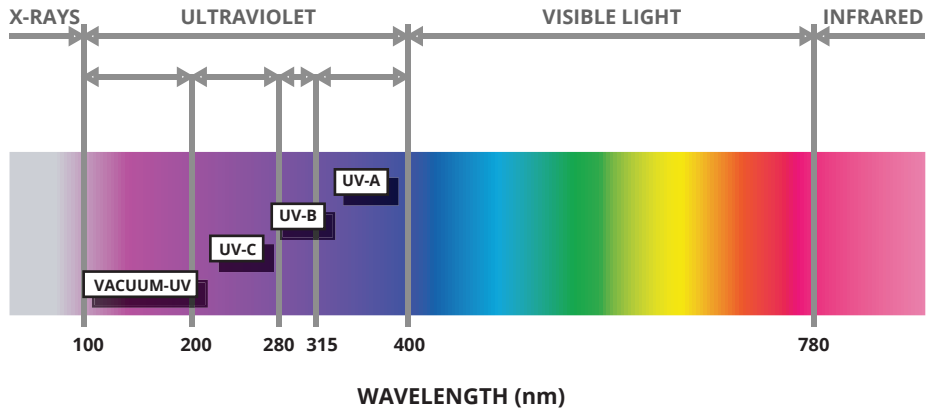
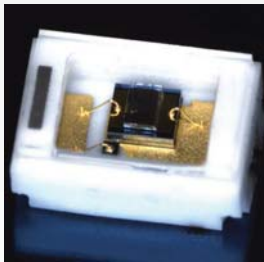


# THE ELECTROMAGNETIC SPECTRUM



Marktech is pleased to offer its line of UV Emitters available in standard and custom packages. Our standard line ranges from 280nm to 405nm and are available from Digikey. In addition Marktech has the ability to offer custom packages and assemblies based on these individual UV die.

UV LEDs with wavelengths ranging from the UV A – UV C spectrum offer advantages in a variety of applications including UV curing processes, medical diagnostics, coin and bill validation and sanitization to name a few. Marktech offers a variety of standard and custom packaging in addition to providing hybrid solutions to match your application requirements.



## MARKTECH UV MARKETPLACE



# Marktech is proud to present a full product line of UV LED Devices

Name	Abbreviation	Wavelength Range
Ultraviolet A	UV-A	400 – 315 nm
Ultraviolet B	UV-B	315 – 280 nm
Ultraviolet C	UV-C	280 – 100 nm

# WHAT DO YOU WANT TO BUILD?



Marktech Optoelectronics Phone (518)956-2980  
 3 Northway Lane North Fax (518)785-4725  
 Latham, NY 12110 Email info@marktechopto.com

Visit us at [www.marktechopto.com](http://www.marktechopto.com)

# SMD High Power UV Packages

Product	Wavelength (nm)	Viewing Angle (degrees)	Poweroutput (mW)	Conditions If (mA)	Package Size Lens
MTSM285UV-F1120	285	120	1.5	30	SMD Flat Lens
MTSM295UV-F1120	295	120	1.5	30	SMD Flat Lens
MTSM310UV-F1120	310	120	1.5	30	SMD Flat Lens
MTSM340UV-F5120	340	120	55	500	SMD Flat Lens
MTSM365UV-D3120	365	120	160	350	SMD Domed Lens
MTSM365UV-D5120	365	120	900	500	SMD Domed Lens
MTSM365UV-F5110	365	110	690	500	SMD Flat Lens
MTSM365UV4-F10116	365	116	2750	1000	SMD Flat Lens
MTSM375UV-F3130	375	130	320	500	SMD Domed Lens
MTSM375UV-F5110	375	110	710	500	SMD Flat Lens
MTSM385UV-D5120	385	120	1100	500	SMD Domed Lens
MTSM385UV-F5110	385	110	950	500	SMD Flat Lens
MTSM385UV4-F10116	385	116	3750	1000	SMD Flat Lens
MTSM395UV-D5045	395	45	1000	500	SMD Domed Lens
MTSM395UV-D5120	395	120	1100	500	SMD Domed Lens
MTSM395UV-F5110	395	110	900	500	SMD Flat Lens
MTSM395UV-FP7140	395	140	910	500	FLATPACK SMD
MTSM395UV4-F10116	395	45	3750	1000	SMD Flat Lens
MTSM405UV-D5045	405	120	960	500	SMD Domed Lens
MTSM405UV-D5120	405	120	960	500	SMD Domed Lens
MTSM405UV-F5110	405	110	900	500	SMD Flat Lens

Available online at



# SELECTED MARKTECH UV PACKAGES

Product	Wavelength $\lambda$ nm @ 20mA	Viewing Angle Degrees @ 20mA	Power Output typ mW @ 20mA	Forward Voltage typ v @ 20mA	Package Size - Lens
MTE280F13-UV	280	114	1.5	7	TO-39 Metal Can
MTE280SMD-UV	280	115	1.2	7	SMD
MTE280H21-UV	280	24	1.2	7	TO-46 Metal Can
MTE280H36-UV	280	6	0.6	7	TO-5 Metal Can
MTE280H32-UV	280	6	0.9	7	TO-46 Metal Can
MTE310F11-UV	310	113	0.7	6.5	TO-18 Metal Can Flat
MTE310SMD4-UV	310	135	5.7	11.4	SMD
MTE310H21-UV	310	24	0.6	6.5	TO-46 Metal Can
MTE310H41-UV	310	40	0.6	6.5	TO-46 Metal Can
MTE310H33-UV	310	6	0.4	6.5	TO-5 Metal Can
MTE325H41-UV	325	40	0.7	5	TO-46 Metal Can
MTE325H33-UV	325	6	0.5	5	TO-5 Metal Can
MTE325H32-UV	325	6	0.5	5	TO-46 Metal Can
MTE340F11-UV	340	113	0.8	4	TO-18 Metal Can Flat
MTE340SMD-UV	340	115	1.2	4	SMD
MTE340H56-UV	340	4	0.7	4	TO-5 Metal Can
MT5355-UV	355	15	1.2	3.6	5mm Plastic Round
MT3650N3-UV	365	10	1.5	3.5	TO-18 Metal Can Domed
MTE3650L-UV-HP	365	80	50	3.5	TO-39 Metal Can Flat
MT3650W3-UV	365	90	1.5	3.5	TO-18 Metal Can Flat
MT3700N3-UV	370	10	1	3.8	TO-18 Metal Can Domed
MT5375-UV-HP	375	40	26	3.6	5mm Plastic Round
MT5385-UV	385	30	NA	3.2	5mm Plastic Round
MT5400-UV	400	30	NA	3.2	5mm Plastic Round
MT5400-UV-HP	400	40	25	3.2	5mm Plastic Round

See the full list at: [www.marktechopto.com/uv](http://www.marktechopto.com/uv)