



UVC LED

Lextar has launched full-band (255nm~285nm) UVC LED disinfection integrated solutions with different emitting angles which can reach over 99.9% of disinfection efficiency to satisfy various disinfection demands including air, water, surface..., and so on.

UVC LED for Surface Disinfection (Sweeping Robot)

Features :

- Auto disinfection by robot cleaner
- Long lifetime
- Environmentally safe — Mercury free
- Disinfection efficiency verified by certified lab



UVC LED PKG	PU35CMI V3 X8
Peak Wavelength (nm)	270 ~ 280
Po (mW)	Typ. 16
Vf (V)	< 6.5
Po Reliability (hrs)	L70 > 15,000
Disinfection Efficiency	> 99%

UVC LED for Surface Disinfection (Lighting)

Features :

- UVC LED disinfection on surface
- Focus beam (60D)
- Environmentally safe — Mercury free



Product Series	PU35CMI V6 X36
Peak Wavelength (nm)	270 ~ 280
Po (mW)	Typ. 16
Vf (V)	< 6.5
Po Reliability (hrs)	L70 > 15,000
Disinfection Efficiency	> 99%

UVC LED for Air Disinfection (Air Conditioner)

Features:

- Focus UVC beam (15D)
- Long operation lifetime
- Environmentally safe — Mercury free
- Disinfection efficiency verified by certified lab



Product Series	LBM2101 V2
Peak Wavelength (nm)	270 ~ 280
Po (mW)	Typ. 30
Power Dissipation (W)	1.5
Po Reliability (hrs)	L70 > 15,000
Disinfection Efficiency	> 99%

UVC LED for Air Disinfection (Air Purifier)

Features :

- High UVC output solution
- Long operation lifetime
- Environmentally safe — Mercury free
- Disinfection efficiency verified by certified lab



Product Series	PU35CM7VI X 6
Peak Wavelength (nm)	270 ~ 280
Po (mW)	> 28
Power Dissipation (W)	1.2
Po Reliability (hrs)	L70 > 15,000
Disinfection Efficiency	> 99%

UVC LED for Water Disinfection

Features :

- Auto disinfect on/off with sensing
- Long lifetime
- Environmentally safe — Mercury free



Product Series	LBM2400
Peak Wavelength (nm)	270 ~ 280
Po (mW)	Typ. 16
Vf (V)	< 6.5V
Po Reliability (hrs)	L70 > 15,000
Disinfection Efficiency	> 99%