



HIGH-PERFORMANCE GLASS  
for mission-critical applications

## UV LED PRODUCT DATABASE OVERVIEW NUMBER OF LEDS BY WAVELENGTH

Company	UV-C								UV-B				UV-A														BLUE		TOTALS									
	235	250	255	260	265	275	278	280	285	295	308	310	325	340	343	345	350	355	360	365	367	370	375	380	385	390	395	400		405								
Crystal IS	1	2	4	2	3	4		4	1																													21
Dowa												10	6	16	16																							48
Epigap LED													7	7	6					1	2				1			1	3	1							32	
Everlight Electronics Co LTD																		6						6			6											24
Fox Group														1			4		5																			10
Guangzhou Hongli Opto-Electronic								3												2																		5
Inolux																				32				37			42			12								123
Kingbright																				2						1		2							1			6
LED Engin																				3						4		5							4			16
LG Innotek							4													7						8		7										33
Light Avenue						4							1	1	1					3								4							2			16
Lite-On Inc.						4													4				3			4		4								4		23
Lumileds-Luxeon																									12	6	10	6	9	6								49
Luminus						6		4												5				3	4		3	7	8								40	
MarkTech Optoelectronics			3		3	5		10	5	5		14	9	12	1			1		13			4		9		6	4	4								108	
Marubeni America Corporation			3		11	11		18		2	10	7	17	17					16				20		15		22								28		197	
Nichia							1													17				7		15		11								8		59
Nitride Semiconductor						5						2						3	3	14			7	9		7		5	1	6							62	
QT Brightek							4													3						5		5								3		20
RayVio							10				2																											12
SemiLEDs																		28	42				36	22	23	55	21	58	18	55							358	
Seoul Viosys/SETi			3		2	18			5	3		6								13					9		9	1	11								82	
SunLED																				2						1		2										6
Toyoda Gosei						1																																1
VCC																									2	2			4	4								12
Vishay																							3				4		4							5		16
Würth Electronics																									1		1		1									3
<b>UV LED Totals</b>	<b>1</b>	<b>2</b>	<b>13</b>	<b>2</b>	<b>19</b>	<b>58</b>	<b>4</b>	<b>54</b>	<b>11</b>	<b>10</b>	<b>22</b>	<b>43</b>	<b>50</b>	<b>53</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>42</b>	<b>180</b>	<b>3</b>	<b>44</b>	<b>67</b>	<b>83</b>	<b>151</b>	<b>79</b>	<b>155</b>	<b>65</b>	<b>159</b>					<b>1382</b>				

This guide is based on available information, as of June 2020. Because the UV LED market is evolving, please realize that this information will change over time; we will update this information periodically. We also welcome feedback and strive to make this reference tool as useful as possible; please email us at [solutions@koppglass.com](mailto:solutions@koppglass.com) for any suggestions, additions, or corrections.

**KOPP GLASS, INC.**

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# UV LED PRODUCT DATABASE OVERVIEW

## NUMBER OF LEDs BY WAVELENGTH & TECHNOLOGY

Technology and Company	UV-C								UV-B				UV-A												BLUE		TOTALS				
	235	250	255	260	265	275	278	280	285	295	308	310	325	340	343	345	350	355	360	365	367	370	375	380	385	390		395	400	405	
<b>Chip</b>																															
Dowa										6		6	6																18		
Fox Group																	1												1		
Light Avenue						4						1	1	1					3							4		2	16		
Lumileds-Luxeon																							6		5		5		16		
MarkTech Optoelectronics								3				3	3	3															12		
Marubeni America			1		4	6		6		1	6		6	6				1						1		1			39		
Nitride Semiconductor																	1	1	2			1	2						7		
SemiLEDs																		28	30			24	22	23	23	21	21	18	18	228	
Chip Total			1		4	10		9		1		4	16	16			1	30	36			25	24	29	24	26	26	23	20	337	
<b>Chip on Board (COB)</b>																															
Luminus																			1				3	1			7	5	17		
Nichia																		8						8		6			22		
Seoul Viosys/SETi																		1						1		1		1	4		
COB Total																		10				3	10		7	7	6		43		
<b>Surface Mounted Diode (SMD)</b>																															
Crystal IS	1		1			1																							3		
Dowa											4		4	4															12		
Epigap LED												4	4	3													1		13		
Everlight Electronics Co LTD																		6					6		6		6		24		
Fox Group																1		1											2		
Guangzhou Hongli Opto-								3												2									5		
Inolux																			32				37		42		12		123		
Kingbright																			2						1		2	1	6		
LED Engin																				3				4		5		4	16		
LG Innotek							4													7				8		7		7	33		
Lite-On Inc.						4													4				3		4	4	4		23		
Lumileds-Luxeon																							6	6	5	6	4	6	33		
Luminus						6		4											4					3		3		3	23		
MarkTech Optoelectronics						2			2	2		2		2					8			2		8	6	4		4	38		
Marubeni America			2		2	5		6		1	4	1	5	5				11			7		5	12	17			83			
Nichia								1											7			4		7		5		8	32		
Nitride Semiconductor						5						2							5					7		5	6		30		
QT Brightek								4											3					5		5	3		20		
RayVio							10				2																		12		
SemiLEDs																			12				12		32		37	37	130		
Seoul Viosys/SETi			1			15			3	1		4							12					8		8	1	10	65		
SunLED																				2				1		2		1	6		
Vishay																					3			4		4	5		16		
Wurth Electronics																								1		1		1	3		
SMD Total			4		2	38		4	28	5	4		13	13	14			1	8	114			12	16	49	104	53	112	24	117	751

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### NUMBER OF LEDS BY WAVELENGTH & TECHNOLOGY

Technology and Company	UV-C								UV-B				UV-A												BLUE		TOTALS				
	235	250	255	260	265	275	278	280	285	295	308	310	325	340	343	345	350	355	360	365	367	370	375	380	385	390		395	400	405	
<b>T-Type</b>																															
Crystal IS			1	3	2	3	3		4	1																				17	
Dowa												6	6	6																18	
Epigap LED												3	3	3				1		2		1	2			1		1	2	1	20
Fox Group														1			3		3											7	
MarkTech Optoelectronics				3		3	3		7	3	3		9	6	7	1		1		5			2		1			4		58	
Marubeni America					5			6				6	6	6						4			13		9		9		11	75	
Nichia																				2			3							5	
Nitride Semiconductor																	2	2	7			6	7						1	25	
Seoul Viosys/SETi				2		2	2		2	2		2																		12	
VCC																									2	2			4	4	12
<b>T-Type Total</b>		1	8	2	13	8		17	6	5		26	21	23			3	4	5	20		7	27	2	13		10	11	16	249	
<b>Package on Board (POB)</b>																															
Seoul Viosys/SETi						1																								1	
Toyoda Gosei						1																								1	
<b>POB Total</b>						2																								2	
<b>GRAND TOTAL</b>																														1382	

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### KOPP GLASS, INC.

**Kopp Glass, Inc.** is the worldwide leader in hand molded, technical glass manufacturing. With an expansive portfolio of glass compositions—that feature transmission properties from the UV to visible to IR wavelengths—we have specialized in small lot glass manufacturing for over 90 years. We offer custom molded UV transmitting glass optics that optimize the performance of UV LEDs by focusing light efficiently and uniformly on the target.

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