



HIGH-PERFORMANCE GLASS
for mission-critical applications

UV LED PRODUCT DATABASE OVERVIEW

NUMBER OF LEDS BY WAVELENGTH

	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		
Company																															
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	2		1		1	3	1	32	
Everlight Electronics Co LTD																		6						6		6		6		24	
Fox Group													1				4		5					6						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		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			2					13					9		9	1	11	82	
SunLED																				2						1		2		1	6
Toyoda Gosei						1																								1	
VCC																								2	2			4	4	12	
Vishay																					3					4		4		5	16
Würth Electronics																									1		1		1	3	
UV LED Totals	1	2	13	2	19	58	4	54	11	10	22	43	50	53	1	2	4	5	42	180	3	44	67	83	151	79	155	65	159	1382	

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 for any suggestions, additions, or corrections.

KOPP GLASS, INC.

2108 PALMER STREET | PITTSBURGH, PA 15218 USA | +1-412-271-0190

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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		
Chip																															
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
Chip on Board (COB)																															
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
Surface Mounted Diode (SMD)																															
Crystal IS	1		1			1																									3
Dowa											4		4	4																	12
Epigap LED												4	4	3						1									1		13
Everlight Electronics Co LTD																			6					6		6		6			24
Fox Group																	1		1												2
Guangzhou Hongli Opto-Inolux								3												2											5
Kingbright																				32					37		42		12		123
LED Engin																				2						1		2		1	6
LG Innotek							4													3						4		5		4	16
Lite-On Inc.						4														7						8		7		7	33
Lumileds-Luxeon																				4				3		4		4		4	23
Luminus						6		4																6	6	5	6	4	6		33
MarkTech Optoelectronics										2	2		2		2					4						3		3		3	23
Marubeni America			2		2	5		6		1	4	1	5	5						8			2		8		6		4		38
Nichia								1												11		7		7		5		12		17	83
Nitride Semiconductor						5						2								7			4			7		5		8	32
QT Brightek								4												5						7		5		6	30
RayVio								4												3						5		5		3	20
SemiLEDs								10			2																				12
Seoul Viosys/SETi			1			15				3	1		4			2							12			32		37		37	130
SunLED																				12											
Vishay																				2						1		2		1	6
Würth Electronics																						3				4		4		5	16
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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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																			
T-Type																																																
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																		
T-Type Total	1		8		2		13		8		17		6		5		26		21		23				3		4		5		20		7		27		2		13		10		11		16		249	
Package on Board (POB)																																																
Seoul Viosys/SETi						1																									1																	
Toyoda Gosei						1																									1																	
POB Total					2																																						2					
GRAND TOTAL																																																
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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