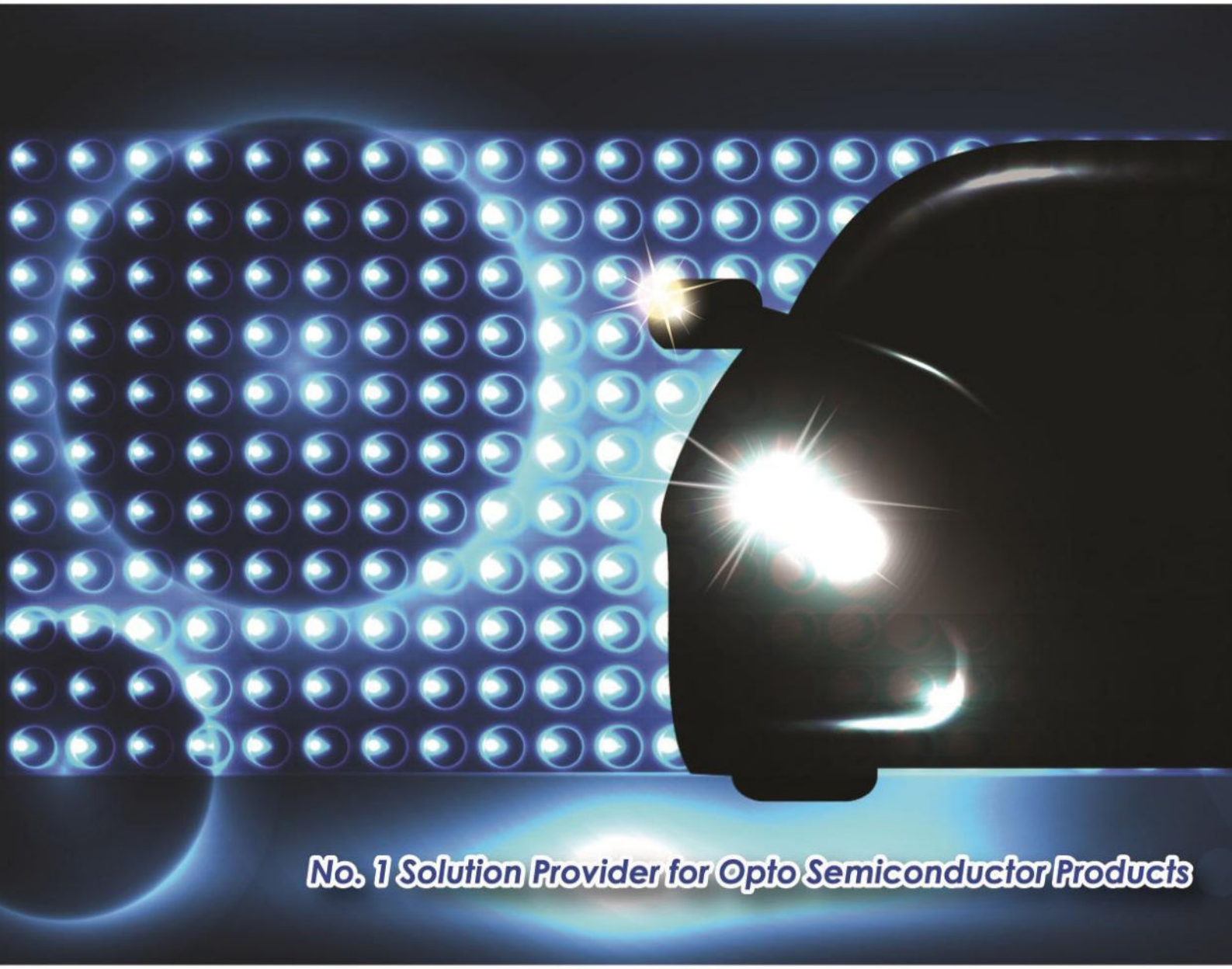
DOMINANT™
Opto Technologies
Innovating Illumination

Product Catalogue



www.dominant-semi.com

Cert. No: SG09/02162

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Table of Contents

Company Profile 01

Products .....

DomiLED 02

Power DomiLED 13

Primax 15

SpiceLED 17

Through-hole LED 19

Package Outline 22

Product Part No Designation 28

Wavelength Grouping 29

Luminous Intensity & Flux Group 31

Recommended Soldering Profile 35

Packaging Specification 36

Company Profile



DOMINANT Opto Technologies is one of the forerunners LED manufacturers with world class automotive standards (AEC-Q101) qualifications. We are the prime complete solution provider for low power, mid power and high power range for automotive and other lighting applications.

Our main manufacturing platforms are based on Surface Mount Technology LED also commonly known as SMTLED and Quad Flat No-Lead Plastic Package (QFN). We offers packaging solutions for LED, IR, VSCEL, ENCODER and other customer specific packages for a diverse range of applications.

We never stop striving for the highest quality standards with our state-of-art manufacturing facilities, innovations drives, and research & development capabilities. TQM (Total Quality Management) is our culture to ensure customers' satisfaction, employees' loyalty and stakeholders' confidence.

As an excellence-driven organization, we are continuing strengthening our intellectual property position worldwide with numerous patents applications.

DOMINANT is your LED solution's partner of choice.

MISSION STATEMENT

To provide Design Innovation And High Quality Opto Semiconductor Products, Contributing Towards A greener World

VISION STATEMENT

1 Solution Provider For Opto Semiconductor products

Product Features:

- **Small package outline**
- **Qualified to JEDEC moisture sensitivity Level 2**
- **Compatible to IR reflow soldering**
- **Available in full range of color**
- **Wider viewing angle**
- **RoHS compliant**

Product Applications:

- **Automotive Lighting**
- **Automotive Backlighting**

DomiLED

AlInGaP Technology

Package	Parts No	Emission Color	λdom (typ) [nm]	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]
	DRH-MJS-HJ2-1	Hyper Red	640	Clear	2.85...7.20(mW/sr)	20	120
	DDH-CJS-PQ2-1	Hyper Red	640	Clear	45.00...112.50	20	120
	DDS-CJS-J2L1-1-I2	Super Red	632	Clear	5.60...14.00	2	120
	DDS-CJS-PQ2-1	Super Red	632	Clear	45.00...112.50	20	120
	DDS-CJS-QR2-1	Super Red	632	Clear	71.50...180.00	20	120
	DDS-CJS-RS2-1	Super Red	632	Clear	112.50...285.00	20	120
	DDS-PJS-U2V-1	Super Red	632	Clear	560.00...1125.0	20	120
	DRS-MJS-UV1-1	Super Red	632	Clear	450.00...900.00	20	120
	DRS-NJS-TU1-1	Super Red	632	Clear	285.00...560.00	20	120
	DRS-NJS-T2U-1	Super Red	632	Clear	355.00...715.00	20	120
	DRS-NJS-UV1-1	Super Red	632	Clear	450.00...900.00	20	120
	DDR-CJS-LM2-1-I2	Red	625	Clear	11.20...28.50	2	120
	DDR-CJS-RS2-1	Red	625	Clear	112.50...285.00	20	120
	DDR-CJS-ST1-1	Red	625	Clear	180.00...355.00	20	120
	DRR-NJS-T2U-1	Red	625	Clear	355.00...715.00	20	120
	DRR-MJS-U2V-1	Red	625	Clear	560.00...1125.00	20	120
	DDR-PJS-VW1-1	Red	622	Clear	715.00...1400.00	20	120
	DDA-CJS-RS2-1	Amber	615	Clear	112.50...285.00	20	120
	DDA-CJS-ST2-1	Amber	615	Clear	180.00...450.00	20	120
	DRA-NJS-UV1-1	Amber	615	Clear	450.00...900.00	20	120
	DRA-MJS-VW1-1	Amber	615	Clear	715.00...1400.0	20	120
	DDA-PJS-V2W-1	Amber	615	Clear	900.00...1800.0	20	120
	DDO-CJS-KL2-1-I2	Orange	605	Clear	7.20...18.00	2	120
	DDO-CJS-LM2-1-I2	Orange	605	Clear	11.20...28.50	2	120
	DDO-CJS-RS2-1	Orange	605	Clear	112.50...285.00	20	120
	DDO-CJS-ST2-1	Orange	605	Clear	180.00...450.00	20	120
	DRO-NJS-UV1-1	Orange	605	Clear	450.00...900.00	20	120
	DRO-MJS-VW1-1	Orange	605	Clear	715.00...1400.00	20	120
	DDY-CJS-LM2-1-I2	Yellow	587	Clear	11.20 ... 28.50	2	120
	DDY-CJS-QR2-1	Yellow	587	Clear	71.50...180.00	20	120
	DDY-CJS-RS2-1	Yellow	587	Clear	112.50... 285.00	20	120
	DDY-CJS-ST2-1	Yellow	587	Clear	180.00...450.00	20	120
	DRY-NJS-TU2-1	Yellow	587	Clear	285.00...715.00	20	120

Package	Parts No	Emission Color	λdom (typ) [nm]	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]

AlInGaP Technology

	DRY-NJS-UV1-1	Yellow	587	Clear	450.00...900.00	20	120
	DRY-MJS-VW1-1	Yellow	587	Clear	715.0...1400.0	20	120
	DDY-PJS-V2W-1	Yellow	590	Clear	900.00...1800.0	20	120
	DDG-CJS-HJ2-1-12	Green	572	Clear	2.80...7.20	2	120
	DDG-CJS-PQ2-1	Green	572	Clear	45.00...112.50	20	120
	DDG-CJS-QR2-1	Green	572	Clear	71.50...180.00	20	120
	DDP-SJS-FG1-1-I2	Pure Green	560	Clear	1.10...2.24	2	120
	DDP-CJS-LM2-1	Pure Green	560	Clear	11.20...28.50	20	120
	DDP-SJS-LM2-1	Pure Green	560	Clear	11.20...28.50	20	120
	DDP-SJS-MN2-1	Pure Green	560	Clear	18.00...45.00	20	120
	DDP-SJS-NP2-1-I3	Pure Green	560	Clear	28.50...71.50	30	120

AlInGaP Technology (Black Coated)

	DRY-NJB-UV1-1	Yellow	587	Clear	450.00...900.00	20	120
	DDY-LJB-VW2-1	Yellow	587	Clear	715.00...1800.00	20	120

Colored Resin

	DDR-CJE-RS2-1	Red	625	Diffused	112.50...285.00	20	120
	DRR-NJE-T2U-1	Red	625	Diffused	355.00...715.0.00	20	120
	DRR-RJE-UV2-1	Red	625	Diffused	450.00...1125.00	20	120
	DDY-CJE-ST2-1	Yellow	587	Diffused	180.00...450.00	20	120
	DRY-NJE-UV1-1	Yellow	587	Diffused	450.00...900.00	20	120
	DRY-RJE-UV2-1	Yellow	587	Diffused	450.00...1125.00	20	120
	DRY-RJE-VW1-1	Yellow	587	Diffused	715.00...1400.00	20	120
	DDT-UJE-UV2-1	True Green	525	Diffused	450.00...1125.00	20	120
	DDT-DJE-VW2-1	True Green	525	Diffused	715.00...1800.00	20	120
	DDB-UJE-RS1-1	Blue	470	Diffused	112.50...224.00	20	120
	DDB-DJE-TU1-1	Blue	470	Diffused	285.00...560.00	20	120

InGaN Technology

Package	Parts No	Emission Color	λdom (typ) [nm]	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]
	DDT-CJS-RS2-1	True Green	525	Clear	112.50...285.00	20	120
	DDT-CJS-ST2-1	True Green	525	Clear	180.00...450.00	20	120
	DDT-UJS-T2V1-1	True Green	525	Clear	355.00...900.00	20	120
	DDT-HJS-VW1-1	True Green	525	Clear	715.00...1400.00	20	120
	DDT-HJS-V2W-1	True Green	525	Clear	900.00...1800.00	20	120
	DDT-DJS-VW2-1	True Green	525	Clear	715.00...1800.00	20	120
	DDT-DZJS-R2T1-1	True Green	525	Clear	140.00...355.00	20	120
	DDT-DZJS-T2V1-1-I1	True Green	525	Clear	355.00...900.00	10	120
	DDT-DZJS-U2V-1-I1	True Green	525	Clear	560.00...1125.00	10	120
	DDT-DZJS-VW1-1-I1	True Green	525	Clear	715.00...1400.00	10	120
	DDT-DZJS-VW2-1	True Green	525	Clear	715.00...1800.00	20	120
	DDB-CJS-PQ2-1	Blue	470	Clear	45.00...112.50	20	120
	DDB-UJS-RS1-1	Blue	470	Clear	112.50...224.00	20	120
	DDB-HJS-TU1-1	Blue	470	Clear	285.00...560.00	20	120
	DDB-DJS-ST2-1	Blue	470	Clear	180.00...450.00	20	120
	DDB-DJS-TU1-1	Blue	470	Clear	285.00...560.00	20	120
	DDB-DZJS-PQ2-1	Blue	470	Clear	45.00...112.50	20	120
	DDB-DZJS-ST2-1	Blue	470	Clear	180.00...450.00	20	120
	DDB-DZJS-RS2-1-I1	Blue	470	Clear	112.50...285.00	10	120

Phosphor Conversion Technology

Package	Parts No	Emission Color	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]
	DDW-CJG-QR2-1-I1	White	Diffused	71.50...180.00	10	120
	DDW-CJG-RS2-5K8L	White	Diffused	112.50...285.00	20	120
	DDW-CJG-RS2-1	White	Diffused	112.50...285.00	20	120
	DDW-DZJG-F1F5-I1	White	Diffused	224.00...560.00	10	120
	DDW-DZJG-S2U1-F1P5-I1	White	Diffused	224.00...560.00	10	120
	DJW-DJG-QR2-F1P5-I1	White	Diffused	71.50...180.00	10	120

Package	Parts No	Emission Color	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]
Phosphor Conversion Technology						
	DDW-DZJG-UV2-1-I1	White	Diffused	450.00…1125.00	10	120
	DDW-DZJG-UV2-JKPL	White	Diffused	450.00…1125.00	20	120
	DDW-DZJG-UV2-FKPL-I1	White	Diffused	450.00…1125.00	10	120
	DDW-UJG-T2U-5K8L	White	Diffused	355.00…715.00	20	120
	DDW-UJG-T2U-1	White	Diffused	355.00…715.00	20	120
	DDW-DZJG-WX1-1	White	Diffused	1125.00…2240.00	20	120
	DDW-DZJG-WX1-JKPL	White	Diffused	1125.00…2240.00	20	120
	DDW-LJG-WX1-1	White	Diffused	1125.00…2240.00	20	120
	DDW-LJG-W2X-F1P5	White	Diffused	1400.00…2850.00	20	120
	DDW-MJG-W2X-1	White	Diffused	1400.00…2850.00	20	120
	DDW-MJG-W2X-JKPL	White	Diffused	1400.00…2850.00	20	120
	DDW-NJG-1X3X-FKIL	White	Diffused	1800.00…2540.00	20	120
	DDW-NJG-3X2Y-JKPL	White	Diffused	2240.00…3550.00	20	120
	DDW-WJG-2X5X-1	White	Diffused	2020.00…3200.00	20	120
	DDF-LJG-WX1-1	Warm White	Diffused	1125.00…2240.00	20	120
	DDF-LJG-W2X-4J8N	Warm White	Diffused	1400.0…2850.0	20	120
	DDF-MJG-W2X-1	Warm White	Diffused	1400.00…2850.00	20	120
	DDZB-CJG-P2R-3J8L-I1	Ice Blue	Diffused	56.00…180.00	10	120
	DDZB-DJG-QR2-1-I1	Ice Blue	Diffused	71.50…180.00	10	120
	DDZB-DZJG-Q2S1-1	Ice Blue	Diffused	90.00…224.00	5	120
	DDZB-DZJG-S2T-1	Ice Blue	Diffused	224.00…450.00	5	120
	DDZB-LJG-WX2-1	Ice Blue	Diffused	1125.00…2850.00	20	120

Package	Parts No	Emission Color	λdom (typ) [nm]	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]
Reverse Gullwing DomiLED							
AlInGaP Technology							
	DDH-CRS-PQ2-1	Hyper Red	640	Clear	45.00…112.50	20	120
	DDS-CRS-J2L1-1-I2	Super Red	632	Clear	5.60…14.00	2	120
	DDS-CRS-QR2-1	Super Red	632	Clear	71.50…180.00	20	120
	DDS-CRS-RS1-1	Super Red	632	Clear	112.50…224.00	20	120

AlInGaP Technology

Package	Parts No	Emission Color	λdom (typ) [nm]	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]
	DRS-NRS-TU1-1	Super Red	632	Clear	285.00...560.00	20	120
	DDR-CRS-Q2R-1	Red	625	Clear	90.00...180.00	20	120
	DDR-CRS-RS2-1	Red	625	Clear	112.50...285.00	20	120
	DDR-CRS-ST1-1	Red	625	Clear	180.00...355.00	20	120
	DRR-NRS-T2U-1	Red	625	Clear	355.00...715.00	20	120
	DDA-CRS-RS2-1	Amber	615	Clear	112.50...285.00	20	120
	DRA-NRS-UV1-1	Amber	615	Clear	450.00...900.00	20	120
	DDO-CRS-LM2-1-I2	Orange	605	Clear	11.20...28.50	2	120
	DDO-CRS-RS2-1	Orange	605	Clear	112.50...285.00	20	120
	DDO-CRS-ST2-1	Orange	605	Clear	180.00...450.00	20	120
	DRO-NRS-UV1-1	Orange	605	Clear	450.00...900.00	20	120
	DDY-CRS-LM2-1-I2	Yellow	587	Clear	11.20...28.50	2	120
	DDY-CRS-RS2-1	Yellow	587	Clear	112.50...285.00	20	120
	DDY-CRS-ST1-1	Yellow	587	Clear	180.00...355.00	20	120
	DRY-NRS-UV1-1	Yellow	587	Clear	450.00...900.00	20	120
	DDG-CRS-PQ2-1	Green	570	Clear	45.00...112.50	20	120
	DDG-CRS-QR2-1	Green	570	Clear	71.50...180.00	20	120

InGaN Technology

	DDT-URS-TU2-1	True Green	525	Clear	285.00...715.00	20	120
	DDT-DRS-VW2-1	True Green	525	Clear	715.00...1800.00	20	120
	DDT-DZRS-VW2-1	True Green	525	Clear	715.00...1800.00	20	120
	DDT-HRS-V2W-1	True Green	525	Clear	900.00...1800.00	20	120
	DDB-DRS-ST2-1	Blue	470	Clear	180.00...450.00	20	120
	DDB-DZRS-ST2-1	Blue	470	Clear	180.00...450.00	20	120
	DDB-HRS-S2T-1	Blue	470	Clear	224.00...450.00	20	120
	DDB-URS-RS1-1	Blue	470	Clear	112.50...224.00	20	120

Package	Parts No	Emission Color	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]

Phosphor Conversion Technology

	DDW-CRG-RS2-1	White	Diffused	112.5…285.00	20	120
	DDW-CRD-RS2-1	White	Diffused	112.50…285.00	20	120
	DDW-CRD-ST1-1	White	Diffused	180.00…355.00	20	120
	DDW-URD-TU2-1	White	Diffused	285.00…715.00	20	120
	DDW-URD-UV1-1	White	Diffused	450.00…900.00	20	120
	DDW-DRD-V2W-1	White	Diffused	900.00…1800.00	20	120

Package	Parts No	#1 Emission Color λdom (typ) [nm] Iv [mcd]	#2 Emission Color λdom (typ) [nm] Iv [mcd]	At IF [mA]	Color Of Emission Area	2φ (typ.) (50% Iv) [deg.]

Multi DomiLED (Bi-Color)

	DMSG-CJS-QR+PQ-1	Super Red 632 71.50…180.00	Green 570 45.00…112.50	20	Clear	120
	DMSG-CJS-PQ+PQ-1	Super Red 632 45.00…112.50	Green 570 45.00…112.50	20	Clear	120
	DMSY-CJS-QR+ST-1	Super Red 632 71.50…180.00	Yellow 587 180.00…450.00	20	Clear	120
	DMST-CJS-PQ+RS-1	Super Red 632 45.00…112.50	True Green 525 112.50…285.00	20	Clear	120
	DMST-CJS-RS+ST-1	Super Red 632 112.50…245.00	True Green 525 180.00…450.00	20	Clear	120
	DMSB-CJS-PQ+RS-1	Super Red 632 45.00…112.50	Blue 470 112.50…285.00	20	Clear	120
	DMRG-CJS-RS+PQ-1	Red 625 112.50…285.00	Green 570 45.00…112.50	20	Clear	120
	DMRG-CJS-RS+QR-1	Red 625 112.50…285.00	Green 570 71.50…180.00	20	Clear	120
	DMRY-CJS-RS+RS-1	Red 625 112.50…285.00	Yellow 587 112.50…285.00	20	Clear	120

Multi DomiLED (Bi-Color)

Package	Parts No	#1 Emission Color λdom (typ) [nm] Iv [mcd]	#2 Emission Color λdom (typ) [nm] Iv [mcd]	At IF [mA]	Color Of Emission Area	2φ (typ.) (50% Iv) [deg.]
	DMOT-CJS-RS+RS-1	Orange 605 112.50...285.00	True Green 525 112.50...285.00	20	Clear	120
	DMYB-CJS-RS+PQ-1	Yellow 587 112.50...285.00	Blue 470 45.00...112.50	20	Clear	120
	DMYT-CJS-RS+RS-1	Yellow 587 112.50...285.00	True Green 525 112.50...285.00	20	Clear	120
	DKRT-NJS-TU+VW-1	Red 625 285.00...715.00	True Green 525 715.00...1800	20	Clear	120
	DMRT-CJS-RS+RS-1	Red 625 112.50...285.00	True Green 525 112.50...285.00	20	Clear	120
	DMGY-CJS-PQ+RS-1	Green 570 45.00...112.50	Yellow 587 112.50...285.00	20	Clear	120
	DKST-MJB-UV+WX-1	Super Red 632 450.00...1125.00	True Green 525 1125.00...2850.00	20	Clear	120

Multi DomiLED (Tri-Color)

Package	Parts No	#1 Emission Color λdom (typ) [nm] Iv [mcd]	#2 Emission Color λdom (typ) [nm] Iv [mcd]	#3 Emission Color λdom (typ) [nm] Iv [mcd]	At IF [mA]	Color Of Emission Area	2φ (typ.) (50% Iv) [deg.]
	DMRTB-CJB-RS+ST+PQ-1	Red 625 100.00...200.00	True Green 525 140.00...285.00	Blue 470 50.50...100.00	20	Clear	120
	DMRTB-UJB-ST3+UV3+RS3-1	Red 625 140.00...285.00	True Green 525 285.00...560.00	Blue 470 100.00...200.00	20	Clear	120
	D6RTB-DJD-TU+WX+TU-1	Red 625 320.00...637.00	True Green 525 1400.00...2500.00	Blue 460 254.00...450.00	20	Clear	120
	D6RTB-HJD-TU+UV+ST-1	Red 625 320.00...637.00	True Green 525 715.00...1400.00	Blue 465 202.00...405.00	20	Clear	120
	D6RTB-FJG-U2V+W3X3+S2T-1	Red 625 560.00...1125.00	True Green 528 1000.00...2100.00	Blue 465 224.00...450.00	20	Clear	120
	D6RTB-PJD-UV+WX+ST-1	Red 625 715.00...1400.00	True Green 525 1260.00...2470.00	Blue 470 212.00...420.00	20	Clear	120

Package	Parts No	#1 Emission Color λdom (typ) [nm] Iv [mcd]	#2 Emission Color λdom (typ) [nm] Iv [mcd]	#3 Emission Color λdom (typ) [nm] Iv [mcd]	At IF [mA]	Color Of Emission Area	2φ (typ.) (50% Iv) [deg.]

Multi DomiLED (Tri-Color)

	D6RTB-PJG-UV+WX+ST-1	Red 625 715.00...1400.00	True Green 525 1260.00...2470.00	Blue 470 212.00...420.00	20	Clear	120

Package	Parts No	#1 Emission Color λdom (typ) [nm] Iv [mcd]	#2 Emission Color λdom (typ) [nm] Iv [mcd]	#3 Emission Color λdom (typ) [nm] Iv [mcd]	At IF [mA]	Color Of Emission Area	2φ (typ.) (50% Iv) [deg.]

RGB SPNova

	NMRTB-LSG-Y2Z+Y2Z+WX1-1	Red 625 3550.00...7150.00	True Green 525 3550.00.. 7150.00	Blue 465 1125.00...2240.00	20	Clear	120
	NMRTB-WSG-AAB+ABD+X2Y-1	Red 625 7150.00...11250.00	True Green 525 9000.00...18000.00	Blue 465 2240.00...4500.00	20	Clear	250

Package	Parts No	Emission Color	λdom (typ) [nm]	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]

Mini DomiLED

AlInGaP Technology

	DNH-CJS-N2Q1-1	Hyper Red	640	Clear	35.50...90.00	20	120
	DNS-AJS-J2L1-1	Super Red	632	Clear	5.60...14.00	2	120
	DNS-CJS-PQ2-1	Super Red	632	Clear	45.00...112.50	20	120
	DNS-CJS-QR1-1	Super Red	632	Clear	71.50...140.00	20	120
	DNS-CJS-Q2S1-1	Super Red	632	Clear	90.00...224.00	20	120
	DNS-MJS-UV1-1	Super Red	632	Clear	450.00...900.00	30	120
	DNR-CJS-RS2-1	Red	625	Clear	112.50...285.00	20	120
	DNR-PJS-VW1-1	Red	620	Clear	715.00...1400.00	20	120
	DNA-AJS-K2M1-1	Amber	615	Clear	9.00...22.40	2	120
	DNA-CJS-RS2-1	Amber	615	Clear	112.50...285.00	20	120
	DNA-MJS-U2V-1	Amber	615	Clear	560.00...1125.00	30	120
	DNA-PJS-V2W-1	Amber	615	Clear	900.00...1800.00	20	120

Mini DomiLED

AlInGaP Technology

Package	Parts No	Emission Color	λdom (typ) [nm]	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]
	DNO- AJS-K2M1-1	Orange	605	Clear	9.00…22.40	2	120
	DNO-CJS-RS2-1	Orange	605	Clear	112.50…285.00	20	120
	DNO-MJS-VW1-1	Orange	605	Clear	715.00…1400.00	30	120
	DNO-MJS-WX1-1	Orange	605	Clear	1125.00…2240.00	30	120
	DNY-AJS-K2M1-1	Yellow	587	Clear	9.00…22.40	2	120
	DNY-CJS-RS2-1	Yellow	587	Clear	112.50…285.00	20	120
	DNY-MJS-U2V-1	Yellow	587	Clear	560.00…1125.00	30	120
	DNY-MJS-V2W-1	Yellow	587	Clear	900.00…1800.00	30	120
	DNY-PJS-VW1-1	Yellow	590	Clear	715.00…1400.00	20	120
	DNY-PJS-V2W-1	Yellow	590	Clear	900.00…1800.00	20	120
	DNG-CJS-PQ2-1	Green	570	Clear	45.00…112.50	20	120
	DNP-CJS-LM2-1	Pure Green	560	Clear	11.20…28.50	20	120
	DNP-SJS-NP2-1-I3	Pure Green	560	Clear	28.50…71.50	30	120

InGaN Technology

	DNT-UJS-S2U1-1	True Green	525	Clear	224.00…560.00	20	120
	DNT-UJS-T2U-1	True Green	525	Clear	355.00…715.00	20	120
	DNT-DJS-VW2-1-I1	True Green	525	Clear	715.00…1800.00	10	120
	DNB-DJS-RS1-1-I1	Blue	470	Clear	112.50…224.00	10	120
	DNB-UJS-RS1-1	Blue	470	Clear	112.50…224.00	20	120
	DNB-UJS-R2S-1	Blue	470	Clear	140.000…285.00	20	120

Phosphor Conversion Technology

Package	Parts No	Emission Color	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]
	DLW-DJG-NP2-F1P5-I5	White	Diffused	28.50...71.50	5	120
	DNW-DJG-RS2-F1P5-I5	White	Diffused	112.50...285.50	5	120
	DNW-CJG-PQ2-FKPL-I1	White	Diffused	45.00…112.50	10	120
	DNW-CJG-P2R1-3K6L-I1	White	Diffused	56.00…140.00	10	120
	DNW-CJG-QR2-FKPL-I1	White	Diffused	71.50…180.00	10	120
	DNW-CJG-Q2S1-5K8L-I1	White	Diffused	90.00…224.00	10	120
	DNW-CJG-QR2-1-I1	White	Diffused	71.50…180.00	10	120
	DNW-UJG-RS2-1-I5	White	Diffused	112.50…285.00	5	120
	DNW-UJG-RS2-JKPL-I5	White	Diffused	112.50…285.00	5	120

Package	Parts No	Emission Color	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]

Phosphor Conversion Technology

	DNW-UJG-TU2-1	White	Diffused	285.00...715.00	20	120
	DNW-UJG-UV2-1	White	Diffused	450.00...1125.00	20	120
	DNW-PJG-V2W-F1P5	White	Diffused	900.00...1800.00	20	120
	DNZB-CJG-LM2-1	Ice Blue	Diffused	11.20...28.50	2	120
	DNZB-DJG-K2N1-1-I2	Ice Blue	Diffused	9.00...35.50	2	120
	DNZB-DJG-RS1-1-I1	Ice Blue	Diffused	112.50...224.00	10	120
	DNZB-DJG-R2S-1-I1	Ice Blue	Diffused	140.00...285.00	10	120
	DNZB-UJG-R2S-1	Ice Blue	Diffused	140.00...285.00	10	120
	DNZB-LJG-U2V-1	Ice Blue	Diffused	560.00...1125.00	10	120
	DNZB-NJG-VW1-1-I1	Ice Blue	Diffused	715.00...1400.00	10	120
	DNZP-DJG-RS1-1-I1	Pure Green	Diffused	112.50...224.00	10	120

Package	Parts No	Emission Color	Color of Emission Area	Ie (mW/sr)	At IF [mA]	2φ (typ.) (50% Iv) [deg.]

InfraRed

	DN9-NJS-PR-1	Infrared 940nm	Clear	4.00...20.00	70	120

Package	Parts No	Emission Color	λ_{dom} (typ) [nm]	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]

Right Angle DomiLED

AlInGaP Technology

	DSS-ASS-J2L1-1	Super Red	632	Clear	5.60...14.00	2	120
	DSS-CSS-PQ2-1	Super Red	632	Clear	45.00...112.50	20	120
	DSS-NSS-T2U-1	Super Red	632	Clear	355.00...715.00	20	120
	DSR-CSS-RS2-1	Red	625	Clear	112.50...285.00	20	120
	DSR-CSS-ST2-1	Red	625	Clear	180.00...450.00	20	120
	DSR-NSS-T2U-1	Red	625	Clear	355.00...715.00	20	120
	DSA-ASS-LM2-1	Amber	615	Clear	11.20...28.50	2	120
	DSA-CSS-QR2-1	Amber	615	Clear	71.50...180.00	20	120
	DSA-CSS-RS2-1	Amber	615	Clear	112.50...285.00	20	120

Right Angle DomiLED

AlInGaP Technology

Package	Parts No	Emission Color	λdom (typ) [nm]	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]
	DSA-NSS-UV1-1	Amber	615	Clear	450.00…900.00	20	120
	DSA-PSS-V2W-1	Amber	615	Clear	900.00…1800.00	20	120
	DSO-CSS-RS2-1	Orange	605	Clear	112.50…285.00	20	120
	DSO-NSS-UV1-1	Orange	605	Clear	450.00…900.00	20	120
	DSY-ASS-LM2-1	Yellow	587	Clear	11.20…28.50	2	120
	DSY-CSS-RS2-1	Yellow	587	Clear	112.50…285.00	20	120
	DSY-NSS-UV1-1	Yellow	587	Clear	450.00…900.00	20	120
	DSY-PSS-VW1-1	Yellow	587	Clear	715.00…1400.00	20	120
	DSG-ASS–H2K1-1	Green	570	Clear	3.55…9.00	2	120
	DSG-CSS-PQ2-1	Green	570	Clear	45.00…112.50	20	120
	DSG-CSS-QR2-1	Green	570	Clear	71.50…180.00	20	120
	DSP-SSS-LM2-1	Pure Green	560	Clear	11.20…28.50	20	120

InGaN Technology

	DST-USS-TU2-1	True Green	525	Clear	285.00…715.00	20	120
	DST-USS-UV1–1	True Green	525	Clear	450.00…900.00	20	120
	DST-DSS-VW1-1	True Green	525	Clear	715.00…1400.00	20	120
	DST-DSS-WX1-1	True Green	525	Clear	1125.00…2240.00	20	120
	DSB-USS-QR2-1	Blue	470	Clear	71.50…180.00	20	120
	DSB-USS-ST1-1	Blue	470	Clear	180.00…355.00	20	120
	DSB-DSS-ST2-1	Blue	470	Clear	180.00…450.00	20	120

Package	Parts No	Emission Color	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]

Phosphor Conversion Technology

	DSW-USD-UV1-1	White	Diffused	450.00…900.00	20	120
	DSW-NSG-V2W-1	White	Diffused	900.00…1800.00	20	120
	DSW-LSG-WX1-1	White	Diffused	1125.00…2240.00	20	120
	DSW-LSG-WX1-JKPL	White	Diffused	1125.00…2240.00	20	120
	DSW-FSG-W2X-JKPL	White	Diffused	1400.00…2850.00	20	120
	DSF-NSG-V2W-1	Warm White	Diffused	900.00…1800.00	20	120
	DSF-LSG-WX1-1	Warm White	Diffused	1125.00…2240.00	20	120
	DSZB-LSG-V2W-1	Ice Blue	Diffused	900.00…1800.00	20	120
	DSZB-LSG-WX1-1	Ice Blue	Diffused	1125.00…2240.00	20	120

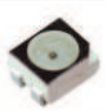
Package	Parts No	Emission Color	λdom (typ) [nm]	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]

Power DomiLED

AlInGaP Technology

	DWS-SJS-ST2-1	Super Red	632	Clear	180.00...450.00	50	120
	DWS-SJS-T2V1-1	Super Red	632	Clear	355.00...900.00	50	120
	DWS-MJS-WX1-1	Super Red	632	Clear	1125.00...2240.00	50	120
	DWS-PJG-W2X-1	Super Red	632	Clear	1400.00...2850.00	50	120
	DWS-PKG-W2X-1	Super Red	632	Clear	1400.00...2850.00	50	120
	DWR-SJS-TU2-1	Red	625	Clear	285.00...715.00	50	120
	DWR-MJS-W2X-1	Red	625	Clear	1400.00...2850.00	50	120
	DWR-PJG-X2Y1-1	Red	620	Clear	2240.00...3550.00	50	120
	DWR-PKG-X2Y1-1	Red	620	Clear	2240.00...3550.00	50	120
	DWA-HKG-JL3-1	Amber	615	Clear	6.30...13.90 (lm)	50	120
	DWA-SJS-UV2-1	Amber	615	Clear	450.00...1125.00	50	120
	DWA-MJS-W2X-1	Amber	615	Clear	1400.00...2850.00	50	120
	DWA-MZJS-W2X-1	Amber	615	Clear	1400.00...2850.00	50	120
	DWA-MZJS-Q2S1-1+W2X-1	Amber	615	Clear	90.00...224.00	4	120
	DWA-MZJS-Q2S1-1+W2X-1	Amber	615	Clear	1400.00...2850.00	50	120
	DWA-PJG-X2Y-1	Amber	617	Clear	2240.00...4500.00	50	120
	DWA-PKG-X2Y-1	Amber	617	Clear	2240.00...4500.00	50	120
	DWO-SJS-UV2-1	Orange	605	Clear	450.00...1125.00	50	120
	DWO-MJS-W2X-1	Orange	605	Clear	1400.00...2850.00	50	120
	DWO-MJS-XY2-1	Orange	605	Clear	1800.00...4500.00	50	120
	DWY-SJS-UV1-1	Yellow	587	Clear	450.00...900.00	50	120
	DWY-SJS-U2V-1	Yellow	587	Clear	560.00...1125.00	50	120
	DWY-MJS-WX1-1	Yellow	587	Clear	1125.0...2240.00	50	120
	DWY-MJS-W2X-1	Yellow	587	Clear	1400.00...2850.00	50	120
	DWY-MZJS-W2X-1	Yellow	587	Clear	1400.00...2850.00	50	120
	DWY-PJG-X2Y-1	Yellow	589	Clear	2240.00...4500.00	50	120
	DWY-PKG-X2Y-1	Yellow	589	Clear	2240.00...4500.00	50	120
	DWP-SJS-PQ1-1	Pure Green	560	Clear	45.00...90.00	50	120
	DWP-SJS-P2R1-1	Pure Green	560	Clear	56.00...140.00	50	120
	DWP-SJS-Q2R-1	Pure Green	560	Clear	90.00...180.00	50	120

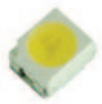
AlInGaP Technology (Black Coated)

	DWR-MJB-W2X-1	Red	625	Clear	1400.00...2850.00	50	120
	DWY-MJB-W2X-1	Yellow	587	Clear	1400.00...2850.00	50	120

InGaN Technology

Package	Parts No	Emission Color	λdom (typ) [nm]	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]
	DWT-UJS-UV2-1	True Green	525	Clear	450.00…1125.00	30	120
	DWT-LJG-WX2-1	True Green	525	Clear	1125.00…2850.00	30	120
	DWB-UJS-R2S-1	Blue	470	Clear	140.00…285.00	30	120
	DWB-UJS-S2T-1	Blue	470	Clear	224.00…450.00	30	120
	DWB-LJG-T2V1-1	Blue	470	Clear	355.00…900.00	30	120

Phosphor Conversion Technology

Package	Parts No	Emission Color	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]
	DWW-LJG-XY1-1	White	Diffused	1800.00…3550.00	30	120
	DWW-MJG-W2X-1	White	Diffused	1400.00…2850.00	30	120
	DWW-MJG-W2X-JKPL	White	Diffused	1400.00…2850.00	30	120
	DWW-MJG-XY1-1	White	Diffused	1800.00…3550.00	30	120
	DWW-MJG-XY1-JKPL	White	Diffused	1800.00…3550.00	30	120
	DWW-DZJG-XY1-1	White	Diffused	1800.00…3550.00	30	120
	DWW-DZJG-XY1-JKPL	White	Diffused	1800.00…3550.00	30	120
	DWW-DZKG-W2X-1	White	Diffused	1400.00…2850.00	30	120
	DWW-DZKG-XY1-1	White	Diffused	1800.00…3550.00	30	120
	DWW-DZKG-W2X-JKPL	White	Diffused	1400.00…2850.00	30	120
	DWW-DZKG-XY1-JKPL	White	Diffused	1800.00…3550.00	30	120
	DWW-KZKG-Y2Z-1	White	Diffused	3550.00…7150.00	60	120
	DWF-DZKG-W2X-1	Warm White	Diffused	1400.00…2850.00	30	120
	DWF-DZKG-XY1-1	Warm White	Diffused	1800.00…3550.00	30	120
	DWF-LJG-W2X-1	Warm White	Diffused	1400.00…2850.00	30	120
	DWF-LJG-X2Y-1	Warm White	Diffused	2240.00…4500.00	30	120
	DWF-MJG-X2Y-1	Warm White	Diffused	2240.00…4500.00	30	120
	DWF-KZKG-Y2Z-1	Warm White	Diffused	3550.00…7150.00	60	120
	DWZB-DZJG-WX2-1	Ice Blue	Diffused	1125.00…2850.00	30	120
	DWZB-UJG-U2X1-3J8L	Ice Blue	Diffused	560.00…2240.00	30	120
	DWZY-KZKG-X2Y-1	InGaN Yellow	Diffused	2240.00…4500.00	60	120
	DWZY-KZKG-YZ1-1	InGaN Yellow	Diffused	2850.00…5600.00	60	120

Package	Parts No	Emission Color	λdom (typ) [nm]	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]

Primax

AlInGaP Technology

	NAR-SSG-ZAA-1	Red	625	Clear	4500.00...9000.00	140	120
	NAA-PHG-Z1AB-1	Amber	615	Clear	4500.00...11250.00	140	120
	NAA-SSG-ZAA-1	Amber	615	Clear	4500.00...9000.00	140	120
	NAY-PHG-Y2AA-1	Yellow	587	Clear	3550.00...9000.00	140	120
	NAY-SSG-ZAA-1	Yellow	587	Clear	4500.00...9000.00	140	120

Package	Parts No	Emission Color	λdom (typ) [nm]	Color of Emission Area	Luminous Flux (lm)	At IF [mA]	2φ (typ.) (50% Iv) [deg.]

InGaN Technology

	NAT-FSG-NP-1	True Green	525	Clear	18.10...30.60	150	120
	NAB-FSG-JK-1	Blue	470	Clear	6.30...10.70	150	120

Package	Parts No	Emission Color	Color of Emission Area	Luminous Flux (lm)	At IF [mA]	2φ (typ.) (50% Iv) [deg.]

Phosphor Conversion Technology

	NAW-BSC-NP-1	White	Diffused	18.10...30.60	150	120
	NAW-BSG-QR-1	White	Diffused	30.60...51.70	150	120
	NAW-BSG-RS-1	White	Diffused	39.80...67.20	150	120
	NAW-BHG-PQ-1	White	Diffused	23.50...39.80	150	120
	NAW-BHG-QR-1	White	Diffused	30.60...51.70	150	120
	NAW-HHG-S3T-1	White	Diffused	59.00...87.40	250	120
	NAW-BSG-Z1Z2-1	White	Diffused	4500.00...7150.00(mcd)	60	120
	NAF-BSG-NP-MK	Warm White	Diffused	18.10...30.60	150	120
	NAF-BSG-PQ-1	Warm White	Diffused	23.50...39.80	150	120
	NAF-BSG-Y2Z-1	Warm White	Diffused	3550.00...7150.00(mcd)	60	120
	NAF-BSG-Y2Z1-MK	Warm White	Diffused	3550.00...5600.00(mcd)	60	120
	NAZY-BHG-MN3-1	InGaN Yellow	Diffused	13.90...23.50	150	120
	NAZY-HHG-PQ-1	InGaN Yellow	Diffused	23.50...39.80	250	120

Package	Parts No	Emission Color	λdom (typ) [nm]	Color of Emission Area	Luminous Flux (lm)	At IF [mA]	2φ (typ.) (50% Iv) [deg.]

PrimaxPlus

AlInGaP Technology

	MAA-PHG-S2T3-1	Amber	615	Clear	51.70...87.40	350	115

Package	Parts No	Emission Color	Color of Emission Area	Luminous Flux (lm)	At IF [mA]	2φ (typ.) (50% Iv) [deg.]

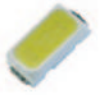
Phosphor Conversion Technology

	MAW-KZHG-SU2-1	White	Diffused	51.70...99.40	250	120
	MAW-YZHG-U3W2-1	White	Diffused	99.40...168.00	350	120
	MBWW-KZHG-UV3-1	White	Diffused	87.40...147.70	180	120
	MAZY-YZHG-TU2-1	InGaN Yellow	Diffused	67.20...99.40	350	120

Package	Parts No	Emission Color	Color of Emission Area	Luminous Flux (lm)	At IF [mA]	2φ (typ.) (50% Iv) [deg.]

PrimaxN3014

Phosphor Conversion Technology

	NUW-KZSG-7P7Q-1	White	Diffused	25.10...34.80	80	120

Package	Parts No	Emission Color	λdom (typ) [nm]	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]

S-SpiceLED

AlInGaP Technology

	SSS-CLD-HJ2-1-I2	Super Red	632	Diffused	2.80...7.20	2	160
	SSS-CLD-N2P-1	Super Red	632	Diffused	35.50...71.50	20	160
	SSS-CLD-P2Q-1	Super Red	632	Diffused	56.00...112.50	20	160
	SSS-NLD-ST1-1	Super Red	632	Diffused	180.00...355.00	20	160
	SSR-CLD-PQ1-1	Red	625	Diffused	45.00...90.00	20	160
	SSR-NLD-S2T-1	Red	625	Diffused	224.00...450.00	20	160
	SSA-CLD-P2Q-1	Amber	615	Diffused	56.00...112.50	20	160
	SSA-NLD-TU1-1	Amber	615	Diffused	285.00...560.00	20	160
	SSO-CLD-JK2-1-I2	Orange	605	Diffused	4.50...11.20	2	160
	SSO-CLD-P2Q-1	Orange	605	Diffused	56.00...112.50	20	160
	SSO-CLD-QR1-1	Orange	605	Diffused	71.50...140.00	20	160
	SSO-NLD-TU1-1	Orange	605	Diffused	285.00...560.00	20	160
	SSY-CLD-JK2-1-I2	Yellow	587	Diffused	4.50...11.20	2	160
	SSY-CLD-P2Q-1	Yellow	587	Diffused	56.00...112.50	20	160
	SSY-CLD-Q2R-1	Yellow	587	Diffused	90.00...180.00	20	160
	SSY-NLD-TU1-1	Yellow	587	Diffused	285.00...560.00	20	160
	SSG-CLD-M2N-1	Green	570	Diffused	22.40...45.00	20	160
	SSP-CLD-KL1-1	Pure Green	560	Diffused	7.20...14.00	20	160

InGaN Technology

	SST-ULD-ST1-1	True Green	525	Diffused	180.00...355.00	20	160
	SST-HLD-TU2-1	True Green	525	Diffused	285.00...715.00	20	160
	SSB-ULD-PQ1-1	Blue	470	Diffused	45.00...90.00	20	160
	SSB-HLD-P2R1-1	Blue	470	Diffused	56.00...140.00	20	160
	SSB-HLD-Q2R-1	Blue	470	Diffused	90.00...180.00	20	160

Package	Parts No	Emission Color	Color of Emission Area	Iv [mcd]	At IF [mA]	2φ (typ.) (50% Iv) [deg.]

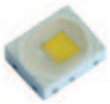
Phosphor Conversion Technology

	SSW-ULD-LM2-1-I2	White	Diffused	11.20...28.50	2	160
	SSW-ULD-L2N1-1-I2	White	Diffused	14.00...35.50	2	160
	SSW-ULD-QR2-3K8L-I1	White	Diffused	71.50...180.00	10	160
	SSW-ULD-QR2-1-I1	White	Diffused	71.50...180.00	10	160
	SSW-LLG-Q2S1-1-I5	White	Diffused	90.00...224.00	5	160
	SSW-LLG-Q2S1-JKPL-I5	White	Diffused	90.00...224.00	5	160
	SSW-ULD-ST2-1	White	Diffused	180.00...450.00	20	160
	SSW-LLG-T2U-1	White	Diffused	355.00...715.00	20	160
	SSW-LLG-T2U-JKPL	White	Diffused	355.00...715.00	20	160
	SSF-LLG-T2U-1	Warm White	Diffused	355.00...715.00	20	160

Package	Parts No	Emission Color	Color of Emission Area	Luminous Flux [lm]	At IF [lm]	2φ (typ.) (50% Iv) [deg.]

SpicePlus

Phorpor Conversion Technology

	SQW-WHG-8V8W-1	White	Diffused	129.20...180.00	500	120

SpiceLED