

# DISCRETE LEDs

## 1.8mm



- Small Footprint, Radial Lead Orientation
- Wide Viewing Angle
- Ideal for ICT and Process Status Indicators
- LEDs are Safe for Direct Viewing Class 1 per IEC 825-1, EN-60825-1, EN-60825-2

### 1.8mm

LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @20mA			Viewing Angle 2 $\theta$ 1/2 (deg)
	Material	Peak Wave Length $\lambda_p$ (nm)	Emitted Color		$\Delta \lambda$ (nm)	Pd (mW)	If (mA)	Peak If (mA)	Vf (V) TYP	Vf (V) MAX	Iv (mcd) TYP	
1.8BWD	GaN/SiC	430	BLUE	DIFFUSED	65	150	25	70	4.0	4.5	5	70
1.8BWC	GaN/SiC	430	BLUE	WATER CLEAR	65	150	25	70	4.0	4.5	10	45
1.8PGD	GaP/GaP	555	PURE GREEN	DIFFUSED	25	80	30	150	1.7	2.0	1	70
1.8PGC	GaP/GaP	555	PURE GREEN	WATER CLEAR	25	80	30	150	1.7	2.0	2	45
1.8GD	GaP/GaP	565	GREEN	DIFFUSED	30	80	30	150	2.2	2.6	5	70
1.8GC	GaP/GaP	565	GREEN	WATER CLEAR	30	80	30	150	2.2	2.6	10	45
1.8YD	GaAsP/GaP	585	YELLOW	DIFFUSED	35	80	30	150	2.1	2.6	4.5	70
1.8YC	GaAsP/GaP	585	YELLOW	WATER CLEAR	35	80	30	150	2.1	2.6	9	45
1.8AD	GaAsP/GaP	610	AMBER	DIFFUSED	35	80	30	150	2.2	2.6	4.5	70
1.8AC	GaAsP/GaP	610	AMBER	WATER CLEAR	35	80	30	150	2.2	2.6	9	45
1.8HD	GaAsP/GaP	635	HE RED	DIFFUSED	45	80	30	150	2.0	2.6	5	70
1.8HC	GaAsP/GaP	635	HE RED	WATER CLEAR	45	80	30	150	2.0	2.6	10	45
1.8SRD	GaAsP/GaAs	660	SUPER RED	DIFFUSED	20	60	30	150	1.7	2.6	19	70
1.8SRC	GaAsP/GaAs	660	SUPER RED	WATER CLEAR	20	60	30	150	1.7	2.6	30	45
<b>Low Current</b>									<b>Data @2mA</b>			
1.8BWDL	GaN/SiC	430	BLUE	DIFFUSED	65	10	7	-	3.5	4.0	0.8	70
1.8BWCL	GaN/SiC	430	BLUE	WATER CLEAR	65	10	7	-	3.5	4.0	1	45
1.8PGDL	GaP/GaP	555	PURE GREEN	DIFFUSED	25	15	7	-	1.7	2.0	0.5	70
1.8PGCL	GaP/GaP	555	PURE GREEN	WATER CLEAR	25	15	7	-	1.7	2.0	0.8	45
1.8GDL	GaP/GaP	565	GREEN	DIFFUSED	30	16	7	-	1.9	2.3	0.5	70
1.8GCL	GaP/GaP	565	GREEN	WATER CLEAR	30	16	7	-	1.9	2.3	1	45
1.8YDL	GaAsP/GaP	585	YELLOW	DIFFUSED	35	15	7	-	1.8	2.2	0.4	70
1.8YCL	GaAsP/GaP	585	YELLOW	WATER CLEAR	35	15	7	-	1.8	2.2	0.6	45
1.8ADL	GaAsP/GaP	610	AMBER	DIFFUSED	35	15	7	-	2.2	2.6	0.4	70
1.8ACL	GaAsP/GaP	610	AMBER	WATER CLEAR	35	15	7	-	2.2	2.6	0.8	45
1.8HDL	GaAsP/GaP	635	HE RED	DIFFUSED	45	15	7	-	1.7	2.2	0.5	70
1.8HCL	GaAsP/GaP	635	HE RED	WATER CLEAR	45	15	7	-	1.7	2.2	0.8	45
1.8SRDL	GaAsP/GaAs	660	SUPER RED	DIFFUSED	20	10	7	-	1.7	2.6	0.8	70
1.8SRCL	GaAsP/GaAs	660	SUPER RED	WATER CLEAR	20	10	7	-	1.7	2.6	1	45

