

SERIES (25DEG)

Part No.

- OPL 155 UR0C - 25 (Red Color)
- OPL 155 UY0C - 25 (Yellow Color)
- OPL 155 PG0C - 25 (Pure Green Color)
- OPL 155 BG0C - 25 (Bluish Green Color)
- OPL 155 PB0C - 25 (Pure Blue Color)

Features

- Viewing angle 25°
- Water Clear Lens
- High light output

ABSOLUTE MAXIMUM RATINGS AT Ta=25° C

ITEMS	Symbol	Value		Unit
		R	Y/G/B	
Power Dissipation	P _D	100	120	mW
Forward Current	I _F	30	30	mA
Peak Forward Current*	I _{FP}	200	100	mA
Reverse Voltage	V _R	5	5	V
Operation Temperature	Topr	-25~75	-25~75	°C
Storage Temperature	Tstg	-40~100	-40~100	°C
Lead Soldering Temperature	Tsol	260°C/3s	260°C/3s	—

*puls width ≤ 0.1msec duty ≤ 1 / 10

ELECTRICAL/OPTICAL CHARACTERISTICS AT Ta=25° C

Part NO.	Wavelength (nm)			Forward Voltage IF=20mA(V)			Reverse Current VR=5V(uA)	Luminous Intensity IF=20mA(mcd)	
	λ _p	λ _D	Δλ	MIN.	TYP.	MAX.	MAX.	MIN.	TYP.
OPL155UR0C-25	632	624	20	1.7	2.0	2.5	50	600	1000
OPL155UY0C-25	590	589	15	1.7	2.0	2.4	50	800	1500
OPL155PG0C-25	523	525	35	—	3.7	4.3	50	2550	4500
OPL155BG0C-25	502	505	35	—	3.5	4.0	50	2200	4000
OPL155PB0C-25	470	468	26	—	3.5	4.0	50	1200	2000

INTENSITY BIN GRADE

PART NO.	R:550-770	S:770-1100	T:770-1100	U:1520-2130	V: 2130-3000	W: 3000-4180	X: 4180-5860
OPL155UR0C-25	■	■	■	■			
OPL155UY0C-25	■	■	■	■			
OPL155PG0C-25				■	■	■	■
OPL155BG0C-25				■	■	■	■
OPL155PB0C-25			■	■	■		

Dimensions

(Unit:mm)

