



## NEAR RANGE (FIXED FOCUS) DIFFUSE TYPE



### SPECIFICATIONS

SERIES	WS-SERIES	WO-SERIES PLASTIC HOUSING	WO-SERIES METAL HOUSING
TYPE CODE: (NPN)	WS-DNPW1 IOF WS-DNPW3 IOF	WO-DNPW1 IOF WO-DNPW2 IOF WO-DNPW3 IOF	WO-DNMW1 IOF WO-DNMW2 IOF WO-DNMW3 IOF
TYPE CODE: (PNP)	WS-DPPW1 IOF WS-DPPW3 IOF	WO-DPPW1 IOF WO-DPPW2 IOF WO-DPPW3 IOF	WO-DPMW1 IOF WO-DPMW2 IOF WO-DPMW3 IOF
DETECTION RANGE	30mm,20x20cm Kodak white card		
SUPPLY VOLTAGE	DC10-30V ±20%,ripple(P--P):10%Max		
CURRENT CONSUMPTION	30mA Max		
MAX OUTPUT CURRENT	100mA Max		
RESPONSE TIME; SWITCHING FREQUENCY	Less than 3.0mS(ON+OFF) 333Hz		
CIRCUIT PROTECTION	1.Output Over Current Protection 2.Reverse-Polarity Protection 3.Interference Suppression		
OUTPUT TYPE	NPN or PNP Open Collector		
OPERATION MODE	Light-ON Dark-ON Selectable by Control Cable(White)		
INDICATOR	Yellow LED on,when light is received		
AMBIENT TEMPERATURE	Operating temperature:-25°C~55°C		
PROTECTION DEGREE	IP66		
EXTRANEOUS LIGHT IMMUNITY	LAMP LIGHT:3000 lux Max SUN LIGHT:10000lux Max		
HOUSING MATERIAL	Housing and nut:ABS resin Lens:PMMA		Housing and nut:BRASS,NI Plated Lens:PMMA
CONNECTION	W1:cable(horizontal) W3:connected with socket	W1: cable(horizontal) W2: cable(vertical) W3:connected with socket	