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Light Sensors Summary Table

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► Light Sensors Summary Table





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Category	Thumb Nail	Part NO.	Infrared Ray	Lens Color	Spectral Bandwidth (nm)	Photo Current			Dark Current
						10Lux	30Lux	100Lux	0Lux
Φ3 Plate Edge		PT-A6-BC-3-PE-520	IR Receiving	Dark Blue	520	3 ~ 12	9 ~ 36	30 ~ 120	0.2Max.
		PT-IC-BC-3-PE-550	IR Receiving	Dark Blue	550	1.5 ~ 5.0	4.5 ~ 15	15 ~ 50	0.8Max.
		PT-IC-GC-3-PE-520	IR Receiving	Dark Green	520	1.2 ~ 3.6	3.6 ~ 10.8	12 ~ 36	0.8Max.
		PT-IC-AC-3-PE-550	IR Receiving	Water Clear	550	7 ~ 15	21 ~ 54	70 ~ 180	0.8Max.
		PT-A1-AC-3-PE-850	IR Blocking	Water Clear	850	3 ~ 6	9 ~ 18	30 ~ 60	0.1Max.
Φ5 Plate Edge		PT-IC-GC-5-PE-520	IR Receiving	Dark Green	520	2 ~ 6	6 ~ 18	20 ~ 60	0.8Max.
		PT-IC-BC-5-PE-550	IR Receiving	Dark Blue	550	2.5 ~ 5.5	7.5 ~ 16.5	25 ~ 55	0.8Max.
		PT-IC-AC-5-PE-550	IR Receiving	Water Clear	550	7 ~ 18	21 ~ 54	70 ~ 180	0.8Max.
		PT-A2-AC-5-PE-850	IR Blocking	Water Clear	850	1.5 ~ 4.5	4.5 ~ 13.5	15 ~ 45	0.1Max.
Φ5 Helmet Edge		PT-A1-AC-5-HE-850	IR Blocking	Water Clear	850	4.5 ~ 9.0	13.5 ~ 27	45 ~ 90	0.1Max.
Φ5 Plate None		PT-A6-AC-5-PN-580	IR Receiving	Water Clear	580	2.5 ~ 10	7.5 ~ 30	25 ~ 100	0.2Max.
		PT-IC-BC-5-PN-550	IR Receiving	Dark Blue	550	2.5 ~ 5.5	7.5 ~ 16.5	25 ~ 55	0.8Max.
		PT-IC-AC-5-PN-580	IR Receiving	Water Clear	580	1.5 ~ 5.5	4.5 ~ 16.5	15 ~ 55	0.8Max.
		PT-A4-AC-5-PN-850	IR Blocking	Water Clear	850	5 ~ 12	15 ~ 36	50 ~ 120	0.1Max.
		PT-A2-AC-5-PN-850	IR Blocking	Water Clear	850	1.5 ~ 4.5	4.5 ~ 13.5	15 ~ 45	0.1Max.
Φ3 Bullet Edge		PT-A2-AC-3-BE-850	IR Blocking	Water Clear	850	15 ~ 45	45 ~ 145	150 ~ 450	0.1Max.
		PT-A2-DC-3-BE-940	IR Blocking	Dark	940	-	-	-	0.1Max.
Φ5 Bullet Edge		PT-A2-AC-5-BE-850	IR Blocking	Water Clear	850	30 ~ 90	90 ~ 270	300 ~ 900	0.1Max.
		PT-A1-FC-5-BE-940	IR Blocking	Dark	940	-	-	-	0.1Max.
Φ5 Bullet None		PT-A6-AC-5-BN-520	IR Receiving	Water Clear	520	5 ~ 22	15 ~ 66	50 ~ 220	0.2Max.
		PT-IC-AC-5-BN-520	IR Receiving	Water Clear	520	4 ~ 12	12 ~ 36	40 ~ 120	0.8Max.
		PT-A1-DC-5-BN-940	IR Blocking	Dark	940	-	-	-	0.1Max.

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						10Lux	30Lux	100Lux	0Lux
SMD		PT-B1-DC-0603-940	IR Receiving	Dark	940	-	-	-	0.1Max.
		PT-A8-AC-1206-850	IR Receiving	Water Clear	850	0.5 ~ 1.2	1.5 ~ 3.6	5 ~ 12	0.1Max.
		PT-IC-BC-3528-550	IR Blocking	Dark Blue	550	1.5 ~ 4.5	4.5 ~ 13.5	15 ~ 45	0.1Max.
		PT-IC-AC-3528-520	IR Blocking	Water Clear	520	7 ~ 18	21 ~ 54	70 ~ 180	0.8Max.
		PT-A1-AC-3528-850	IR Blocking	Water Clear	850	2.5 ~ 5.0	7.5 ~ 15	25 ~ 50	0.1Max.
CdS (PGM5)		PGM5506	IR Blocking	Epoxy Resin	540	2 ~ 6	-	-	0.15Min.
		PGM5516	IR Blocking	Epoxy Resin	540	5 ~ 10	-	-	0.2Min.
		PGM5526	IR Blocking	Epoxy Resin	540	8 ~ 20	-	-	1.0Min.
		PGM5537	IR Blocking	Epoxy Resin	540	16 ~ 50	-	-	2.0Min.
		PGM5539	IR Blocking	Epoxy Resin	540	30 ~ 90	-	-	5.0Min.
		PGM5549	IR Blocking	Epoxy Resin	540	45 ~ 140	-	-	10.0Min.
		PGM5616D	IR Blocking	Epoxy Resin	560	5 ~ 10	-	-	1.0Min.
		PGM5626D	IR Blocking	Epoxy Resin	560	8 ~ 20	-	-	2.0Min.
		PGM5637D	IR Blocking	Epoxy Resin	560	16 ~ 50	-	-	5.0Min.
		PGM5639D	IR Blocking	Epoxy Resin	560	30 ~ 90	-	-	10.0Min.
		PGM5649D	IR Blocking	Epoxy Resin	560	50 ~ 160	-	-	20.0Min.
	PGM5659D	IR Blocking	Epoxy Resin	560	150 ~ 300	-	-	20.0Min.	
		PGM5506-MP	IR Blocking	Hermetical	540	2 ~ 6	-	-	0.15Min.
		PGM5516-MP	IR Blocking	Hermetical	540	5 ~ 10	-	-	0.2Min.
		PGM5526-MP	IR Blocking	Hermetical	540	8 ~ 20	-	-	1.0Min.
		PGM5537-MP	IR Blocking	Hermetical	540	16 ~ 50	-	-	2.0Min.
		PGM5539-MP	IR Blocking	Hermetical	540	30 ~ 90	-	-	5.0Min.
PGM5549-MP		IR Blocking	Hermetical	540	45 ~ 140	-	-	10.0Min.	

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						10Lux	30Lux	100Lux	0Lux
CdS (PGM12)		PGM1200	IR Blocking	Epoxy Resin	560	2 ~ 5	-	-	1.0Min.
		PGM1201	IR Blocking	Epoxy Resin	560	4 ~ 10	-	-	2.0Min.
		PGM1202	IR Blocking	Epoxy Resin	560	8 ~ 20	-	-	5.0Min.
		PGM1203	IR Blocking	Epoxy Resin	560	18 ~ 50	-	-	10.0Min.
		PGM1204	IR Blocking	Epoxy Resin	560	45 ~ 150	-	-	20.0Min.
		PGM1205	IR Blocking	Epoxy Resin	560	140 ~ 300	-	-	20.0Min.
		PGM1200-MP	IR Blocking	Hermetical	560	2 ~ 5	-	-	1.0Min.
		PGM1201-MP	IR Blocking	Hermetical	560	4 ~ 10	-	-	2.0Min.
		PGM1202-MP	IR Blocking	Hermetical	560	8 ~ 20	-	-	5.0Min.
		PGM1203-MP	IR Blocking	Hermetical	560	18 ~ 50	-	-	10.0Min.
		PGM1204-MP	IR Blocking	Hermetical	560	45 ~ 150	-	-	20.0Min.
		PGM1205-MP	IR Blocking	Hermetical	560	140 ~ 300	-	-	20.0Min.
CdS (PGM20)		PGM2000	IR Blocking	Epoxy Resin	560	2 ~ 5	-	-	1.0Min.
		PGM2001	IR Blocking	Epoxy Resin	560	4 ~ 10	-	-	2.0Min.
		PGM2002	IR Blocking	Epoxy Resin	560	8 ~ 20	-	-	5.0Min.
		PGM2003	IR Blocking	Epoxy Resin	560	18 ~ 50	-	-	10.0Min.
		PGM2004	IR Blocking	Epoxy Resin	560	45 ~ 150	-	-	20.0Min.
		PGM2005	IR Blocking	Epoxy Resin	560	140 ~ 300	-	-	20.0Min.
		PGM2000-PP	IR Blocking	Plactic Case	560	2 ~ 5	-	-	1.0Min.
		PGM2001-PP	IR Blocking	Plactic Case	560	4 ~ 10	-	-	2.0Min.
		PGM2002-PP	IR Blocking	Plactic Case	560	8 ~ 20	-	-	5.0Min.
		PGM2003-PP	IR Blocking	Plactic Case	560	18 ~ 50	-	-	10.0Min.
		PGM2004-PP	IR Blocking	Plactic Case	560	45 ~ 150	-	-	20.0Min.
		PGM2005-PP	IR Blocking	Plactic Case	560	140 ~ 300	-	-	20.0Min.