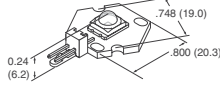




### LED Modules

- Features:**
- Lens Appearance: Water Clear
  - Viewing Angle: 100°



Dominant Wave Length λd (nm)		Color	Electro-Optical Data @ 350mA			Digi-Key Part No.	Price Each			Bivar Part No.
Min.	Max.		Vf (V) Typ.	Lum Flux (lm) Min.	Max.		1	10	100	
465	475	Blue	3.3	6.3	23.5	492-1131-ND	11.81	9.94	9.08	LK-470-001
465	475	Blue	3.3	6.3	23.5	492-1136-ND†	11.81	9.94	9.08	LK-470-001-FC
620	635	Red	2.3	18.1	51.7	492-1134-ND	8.18	6.89	6.29	LK-630-001

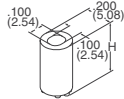
† Field Connect

### Molded and Self-Retaining LED Mounts

- Features:**
- One universal style for both T-1 (3mm) and T-1 3/4 (5mm) LEDs
  - Internal tapered divider prevents leads from shorting

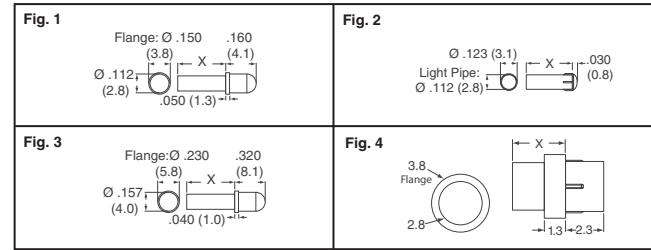
**Material Specifications:**

- UL Rated 94V-0, Color: Black, 33% GF Polyphalamide (PPA)



Dimension H Inch (mm)	Digi-Key Part No.	Pricing			Bivar Part No.
		10	100	500	
.15 (3.8)	492-1029-ND	1.36	9.09	33.62	LTM-150
.2 (5.1)	492-1030-ND	1.36	9.09	33.62	LTM-200
.25 (6.4)	492-1031-ND	1.40	9.29	34.39	LTM-250
.3 (7.6)	492-1032-ND	1.40	9.29	34.39	LTM-300
.35 (8.9)	492-1033-ND	1.40	9.29	34.39	LTM-350
.4 (10.2)	492-1034-ND	1.49	9.91	36.68	LTM-400
.45 (11.4)	492-1035-ND	1.49	9.91	36.68	LTM-450
.5 (12.7)	492-1036-ND	1.61	10.74	39.74	LTM-500

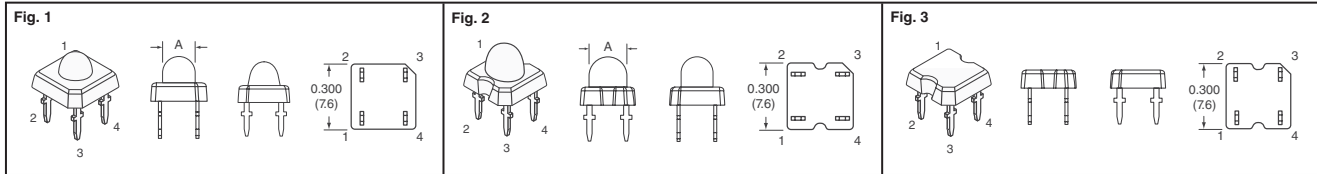
### Light Pipes



- Features:** PLP1 and PLP2 Series: • Protects circuits from ESD • Use with BivarOpto SM or Through-hole Series LEDs
- PLP1 Series panel light pipes press fits into panel
  - PLP5 Series: • Dual-lens geometry • Improved lighting intensity • Press fits into panel

Fig.	Dimension X Inch (mm)	Digi-Key Part No.	Price Each			Bivar Part No.
			1	10	100	
<b>PLP1 Series</b>						
1	.125 (3.2)	492-1148-ND	.61	.34	.25	PLP1-125
	.250 (6.4)	492-1149-ND	.61	.34	.25	PLP1-250
	.500 (12.7)	492-1150-ND	.61	.34	.25	PLP1-500
	.750 (19.0)	492-1151-ND	.61	.34	.25	PLP1-750
<b>PLP2 Series</b>						
2	.125 (3.2)	492-1152-ND	.61	.34	.25	PLP2-125
	.250 (6.4)	492-1153-ND	.61	.34	.25	PLP2-250
	.500 (12.7)	492-1154-ND	.61	.34	.25	PLP2-500
	.750 (19.0)	492-1155-ND	.61	.34	.25	PLP2-750
<b>PLP5 Series</b>						
3	.250 (6.4)	492-1142-ND	.61	.34	.25	PLP5-250
	1.00 (25.4)	492-1145-ND	.61	.34	.25	PLP5-1000
	1.25 (31.8)	492-1146-ND	.61	.34	.25	PLP5-1250
	1.50 (38.1)	492-1147-ND	.61	.34	.25	PLP5-1500
<b>PLP1 Flat Lens Series</b>						
4	.375 (9.5)	492-1188-ND	.49	.42	.32	PLP1-375-F

### 4 Pin Super Flux LED Lamps Orca R Series



- Specifications:** • Automatic Insertion Compatible - Tubular Packaging • Automatic Placement Compatible • High Intensity Output • High Power Efficiency
- Applications:** • Automotive Exterior Lighting • Decorative Interior or Exterior Lighting • Specialty Stage Lighting • Electronic Signage

Fig.	Dimension A Inch (mm)	Emitted Color	Typical Forward Voltage (V)	Typical Forward Current (mA)	Luminous Intensity Typical (mcd)	Viewing Angle	Digi-Key Part No.	Price Each			Bivar Part No.
								1	10	100	
1	.100 (2.5)	Blue, Green	3.8 Blue, 3.8 Green	50	150 Blue, 1500 Green	80°	492-1157-ND	4.80	4.09	3.13	R50BG2-5-0080
	.100 (2.5)	Blue	3.4	20	600	80°	492-1160-ND	2.26	1.93	1.48	R20BLU-5-0080
	.100 (2.5)	Green	3.4	20	3000	80°	492-1164-ND	2.59	2.20	1.69	R20GRN-5-0080
	.100 (2.5)	Blue, Red	3.8 Blue, 2.6 Red	50	200 Blue, 1000 Red	80°	492-1168-ND	3.12	2.66	2.03	R50RB2-5-0080
	.100 (2.5)	Red	2.4	50	2000	80°	492-1171-ND	1.34	1.14	.88	R50RED-5-0080
	.100 (2.5)	Green, Red	3.8 Green, 2.6 Red	50	2000 Green, 1500 Red	80°	492-1175-ND	3.68	3.13	2.40	R50RG2-5-0080
	.100 (2.5)	Red, Green, Blue (RGB)	2.6 Red, 3.8 Green, 3.8 Blue	50	1000 Red, 2000 Green, 200 Blue	80°	492-1178-ND	5.61	4.77	3.65	R50RGB-5-0080
	.100 (2.5)	White	3.4	20	2000	80°	492-1181-ND	2.49	2.12	1.62	R20WHT-5-0080
	.100 (2.5)	Yellow	2.4	50	1500	80°	492-1185-ND	1.34	1.14	.88	R50YLW-5-0080
	.181 (4.6)	Blue	3.4	20	1500	45°	492-1159-ND	2.26	1.93	1.48	R20BLU-4-0045
	.181 (4.6)	Green	3.4	20	8000	45°	492-1163-ND	2.59	2.20	1.69	R20GRN-4-0045
	.181 (4.6)	Red	2.4	50	6000	45°	492-1170-ND	1.34	1.14	.88	R50RED-4-0045
	.181 (4.6)	White	3.4	20	8000	45°	492-1180-ND	2.49	2.12	1.62	R20WHT-4-0045
	.181 (4.6)	Yellow	2.4	50	6000	45°	492-1184-ND	1.34	1.14	.88	R50YLW-4-0045
	.181 (4.6)	Blue, Green	3.8 Blue, 3.8 Green	50	400 Blue, 5000 Green	45°	492-1156-ND	4.80	4.09	3.13	R50BG2-4-0045
	.181 (4.6)	Blue, Red	3.8 Blue, 2.6 Red	50	400 Blue, 4000 Red	45°	492-1167-ND	3.12	2.66	2.03	R50RB2-4-0045
.181 (4.6)	Green, Red	3.8 Green, 2.6 Red	50	5000 Green, 4000 Red	45°	492-1174-ND	3.68	3.13	2.40	R50RG2-4-0045	
.181 (4.6)	Red, Green, Blue (RGB)	2.6 Red, 3.8 Green, 3.8 Blue	50	4000 Red, 5000 Green, 400 Blue	45°	492-1177-ND	5.61	4.77	3.65	R50RGB-4-0045	
2	.209 (5.3)	Blue	3.4	20	1500	30°, 45°	492-1162-ND	2.26	1.93	1.48	R20BLU-V-3045
	.209 (5.3)	Green	3.4	20	8000	30°, 45°	492-1166-ND	2.59	2.20	1.69	R20GRN-V-3045
	.209 (5.3)	Red	2.4	50	5000	30°, 45°	492-1173-ND	1.34	1.14	.88	R50RED-V-3045
	.209 (5.3)	White	3.4	20	8000	30°, 45°	492-1183-ND	2.49	2.12	1.62	R20WHT-V-3045
	.209 (5.3)	Yellow	2.4	50	4000	30°, 45°	492-1187-ND	1.34	1.14	.88	R50YLW-V-3045
3	—	Blue, Green	3.8 Blue, 3.8 Green	50	150 Blue, 800 Green	160°	492-1158-ND	4.80	4.09	3.13	R50BG2-F-0160
	—	Blue	3.4	20	150	160°	492-1161-ND	2.26	1.93	1.48	R20BLU-F-0160
	—	Green	3.4	20	1000	160°	492-1165-ND	2.59	2.20	1.69	R20GRN-F-0160
	—	Blue, Red	3.8 Blue, 2.6 Red	50	150 Blue, 600 Red	160°	492-1169-ND	3.12	2.66	2.03	R50RB2-F-0160
	—	Red	2.4	50	600	160°	492-1172-ND	1.34	1.14	.88	R50RED-F-0160
	—	Green, Red	3.8 Green, 2.6 Red	50	800 Green, 600 Red	160°	492-1176-ND	3.68	3.13	2.40	R50RG2-F-0160
	—	Red, Green, Blue (RGB)	2.6 Red, 3.8 Green, 3.8 Blue	50	600 Red, 800 Green, 150 Blue	160°	492-1179-ND	5.61	4.77	3.65	R50RGB-F-0160
	—	White	3.4	20	600	160°	492-1182-ND	1.35	1.16	.89	R20WHT-F-0160
—	Yellow	2.4	50	600	160°	492-1186-ND	1.34	1.14	.88	R50YLW-F-0160	

Free shipping on orders over €65! All prices in euro and include duties. (EU2011-EN) 2633