

Fiber-Coupled LED Light Sources

Product P/N	Peak λ [nm]	Centroid [nm]	FWHM [nm]	Fiber-A [mW]	Fiber-B [mW]	Fiber-C [mW]
				POF, Core Φ 1000 μ m, NA0.5, Length 1M	POF, Core Φ 1000 μ m, NA0.63, Length 1M	POF, Core Φ 1500 μ m, NA0.5, Length 1M
FC-LED-270C	272	273	19	3.7 (※)	-	-
FC-LED-280L	280	281	16	3.1 (※)	-	-
FC-LED-285L	284	284	16	3.1 (※)	-	-
FC-LED-310D	310	315	16	3.3 (※)	-	-
FC-LED-325D	327	328	12	6.2 (※)	-	-
FC-LED-340A	344	347	12	22	21	21
FC-LED-365A	369	371	12	160	260	260
FC-LED-375A	374	376	12	140	200	210
FC-LED-395A	396	398	18	110	120	180
FC-LED-405A	403	403	15	165	175	260
FC-LED-410Z	409	410	17	120	120	150
FC-LED-415Z	416	416	15	110	155	230
FC-LED-420Z	421	422	16	130	180	220
FC-LED-425Z	423	425	17	115	125	190
FC-LED-430M	430	430	18	85	115	130
FC-LED-430T	427	428	21	62	76	100
FC-LED-435K	433	433	18	40	55	65
FC-LED-445B	444	446	23	73	80	160
FC-LED-445HR	446	449	23	215	280	250
FC-LED-450HR	453	456	31	200	260	245
FC-LED-455Z	455	456	32	130	170	183
FC-LED-465CA	465	467	29	47	50	100
FC-LED-470CG	471	474	23	130	200	210
FC-LED-480Z	477	478	29	85	112	120
FC-LED-500CG	498	500	27	75	100	100
FC-LED-500Z	500	501	34	80	110	90
FC-LED-515Z	515	519	38	33	65	65
FC-LED-520CG	520	525	34	65	100	100
FC-LED-530TR	530	530	39	74	100	118
FC-LED-535TR	530	538	93	120	165	220

FC-LED-540HR	515	543	91	200	320	270
FC-LED-550Z	546	565	88	100	130	140
FC-LED-590A	590	600	74	28	28	57
FC-LED-595HR	594	599	64	120	180	140
FC-LED-600Z	603	600	18	20	22	25
FC-LED-625HR	628	624	18	90	180	160
FC-LED-655A	659	654	22	43	48	80
FC-LED-690M	695	687	25	52	62	65
FC-LED-700M	702	697	24	7.3	7.86	10.4
FC-LED-760M	761	752	30	24	32	36
FC-LED-770M	777	772	31	16.8	16.8	22
FC-LED-780M	783	775	28	38	35	50
FC-LED-805M	805	790	33	25	25.8	34
FC-LED-810V	813	802	35	56 (※)	-	-
FC-LED-850M	858	850	46	60.6 (※)	-	-
FC-LED-850V	850	847	42	84 (※)	-	-
FC-LED-870M	871	866	45	14.2 (※)	-	-
FC-LED-910M	915	910	40	30 (※)	-	-
FC-LED-940M	940	935	40	48 (※)	-	-
FC-LED-W30M	-	-	3000 (※)	35	40	50
FC-LED-W40M	-	-	4000 (※)	35	40	55
FC-LED-W50TR	-	-	5000 (※)	160	200	190
FC-LED-W60HR	-	-	6000 (※)	225	340	260
FC-LED-W65M	-	-	6500 (※)	55	62	100
型番	ピーク波長 (※)	中心波長 (※)	半値幅 (※)	ファイバー (POF) 照射時の出力値 (※)		

※ 数値は代表値です。

※ < 360nmより短波長タイプの出力値は、石英ファイバー (コア径1000um, NA 0.48, 長さ1M) でのデータです。

※ ピーク波長360nmより短波長のLEDの出力値は、石英ファイバー、コア径1000um、NA0.48、長さ1Mの場合です。


※ ピーク波長810nmより長波長のLEDの出力値は、Low-OH石英ファイバー、コア径1000um、NA0.48、長さ1Mの場合です。

※ FC-LED-W__は、白色LEDです。半値幅列に記載の数値は色温度 (K) です。

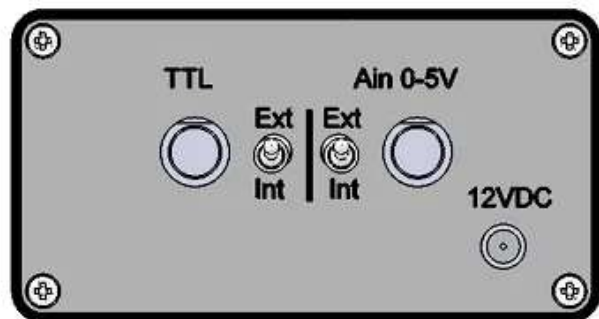
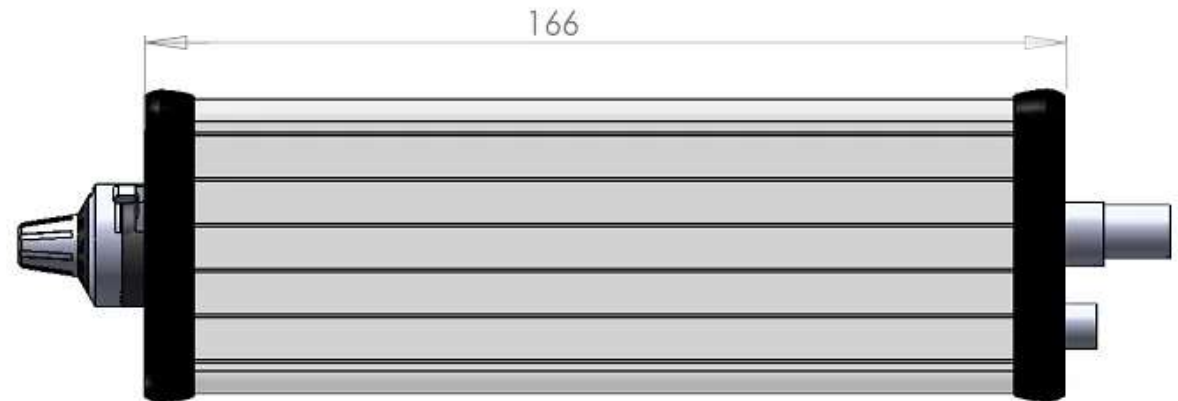
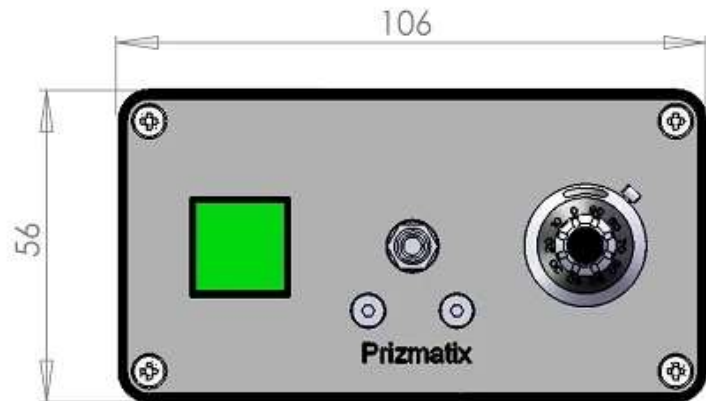
Electro-Optical Specifications

Typical Optical RMS Noise (DC-1MHz)	%	<0.05
TTL and Analog inputs		Optically isolated BNC connectors
Digital modulation frequency (TTL)	Hz	DC-50000
Rise / Fall time (10% - 90%)	μs	<2
Analog input voltage range	V	0-5
Analog modulation frequency	Hz	DC-100
Input Voltage	V	12

General Specifications:

Operation temperature range	°C	10-35
Storage temperature range	°C	-65
Operative relative humidity (Non condensing)	%	<90
Power Adaptor Dimensions (L x W x H)	mm	175 x 72 x 35
Power Adaptor Weight	g	190
Power Adaptor Safety		

Silver-LED Fiber Coupled LED Mechanical Drawings



Silver-LED-USB Fiber Coupled LED Mechanical Drawings

