

Highly Integrated Spotlight Module

Product Specification



Benefits

- Wide flux output range
- Slim trim design
- Robust and stylish design with Die-cast Aluminum housing
- Simple & easy installation

Product Description

CORE-DL-FIX is highly integrated module solution for indoor spotlight application. The product is using OSRAM PrevaLED CORE Mini/Pro COB technology and provides wide range of flux output in compact form factor.

- Compatible with OSRAM OPTOTRONIC drivers
- Lifetime L70B50 >50khrs
- System warranty up to 5 years

Features

- Color consistency < 3SDCM
- TM30 compliant, Rg 100, Rf 90
- Flux output range 500-6,000lm
- Beam angle FWHM at 15, 24, 36, 60°

Applications

- Hospitality, Restaurant
- Retail shop

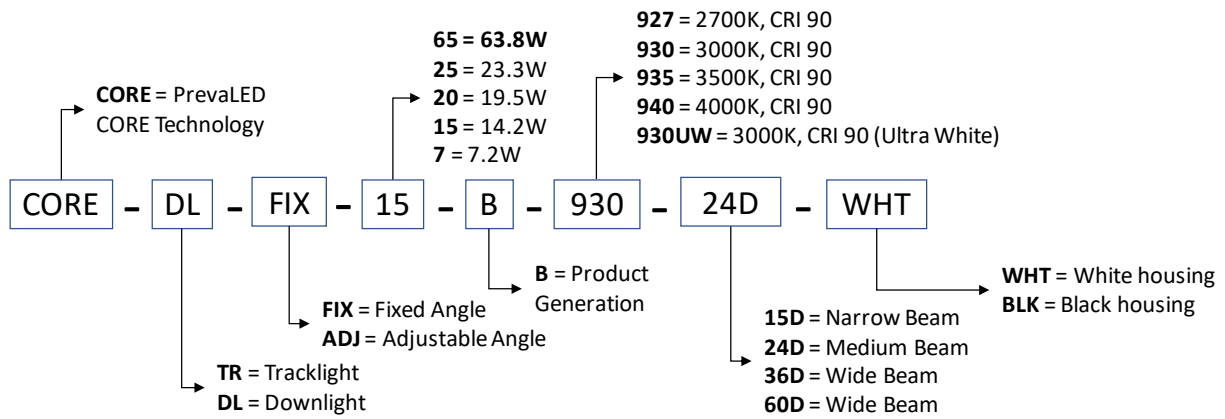
Table 1. Product Performance, Ta = 25°C

Product name	Nominal CCT (K)	Min CRI	Flux Output (lm)		Typical Efficacy (lm/W)	Test Current (mA)	Nominal Power (W)	Beam Angle (FWHM)	PrevaLED CORE COB Model
			Min	Typ					
CORE-DL-FIX-7-B-927-15D	2700	90	488	539	75	180	7.2	15	CORE-Mini-1000-HD
CORE-DL-FIX-7-B-927-24D	2700	90	476	526	73	180	7.2	24	CORE-Mini-1000-HD
CORE-DL-FIX-7-B-927-36D	2700	90	496	548	76	180	7.2	36	CORE-Mini-1000-HD
CORE-DL-FIX-7-B-930-15D	3000	90	504	557	77	180	7.2	15	CORE-Mini-1000-HD
CORE-DL-FIX-7-B-930-24D	3000	90	492	544	76	180	7.2	24	CORE-Mini-1000-HD
CORE-DL-FIX-7-B-930-36D	3000	90	513	566	79	180	7.2	36	CORE-Mini-1000-HD
CORE-DL-FIX-7-B-935-15D	3500	90	512	566	79	180	7.2	15	CORE-Mini-1000-HD
CORE-DL-FIX-7-B-935-24D	3500	90	500	552	77	180	7.2	24	CORE-Mini-1000-HD
CORE-DL-FIX-7-B-935-36D	3500	90	521	575	80	180	7.2	36	CORE-Mini-1000-HD
CORE-DL-FIX-7-B-940-15D	4000	90	507	560	78	180	7.2	15	CORE-Mini-1000-HD
CORE-DL-FIX-7-B-940-24D	4000	90	495	547	76	180	7.2	24	CORE-Mini-1000-HD
CORE-DL-FIX-7-B-940-36D	4000	90	515	569	79	180	7.2	36	CORE-Mini-1000-HD
CORE-DL-FIX-15-B-927-24D	2700	90	822	909	64	350	14.2	24	CORE-Mini-1000-HD
CORE-DL-FIX-15-B-927-36D	2700	90	876	968	68	350	14.2	36	CORE-Mini-1000-HD
CORE-DL-FIX-15-B-930-24D	3000	90	850	940	66	350	14.2	24	CORE-Mini-1000-HD
CORE-DL-FIX-15-B-930-36D	3000	90	905	1,001	70	350	14.2	36	CORE-Mini-1000-HD

CORE-DL-FIX-15-B-935-24D	3500	90	864	954	67	350	14.2	24	CORE-Mini-1000-HD
CORE-DL-FIX-15-B-935-36D	3500	90	920	1,016	72	350	14.2	36	CORE-Mini-1000-HD
CORE-DL-FIX-15-B-940-24D	4000	90	855	945	67	350	14.2	24	CORE-Mini-1000-HD
CORE-DL-FIX-15-B-940-36D	4000	90	910	1,006	71	350	14.2	36	CORE-Mini-1000-HD
CORE-DL-FIX-20-B-927-24D	2700	90	1,393	1,540	79	500	19.5	24	CORE-Mini-2000
CORE-DL-FIX-20-B-927-36D	2700	90	1,350	1,492	77	500	19.5	36	CORE-Mini-2000
CORE-DL-FIX-20-B-930-24D	3000	90	1,458	1,612	83	500	19.5	24	CORE-Mini-2000
CORE-DL-FIX-20-B-930-36D	3000	90	1,414	1,562	80	500	19.5	36	CORE-Mini-2000
CORE-DL-FIX-20-B-935-24D	3500	90	1,509	1,668	86	500	19.5	24	CORE-Mini-2000
CORE-DL-FIX-20-B-935-36D	3500	90	1,463	1,617	83	500	19.5	36	CORE-Mini-2000
CORE-DL-FIX-20-B-940-24D	4000	90	1,542	1,704	87	500	19.5	24	CORE-Mini-2000
CORE-DL-FIX-20-B-940-36D	4000	90	1,494	1,652	85	500	19.5	36	CORE-Mini-2000
CORE-DL-FIX-20-B-930UW-24D	3000	90	1,372	1,517	78	500	19.5	24	CORE-Mini-2000
CORE-DL-FIX-20-B-930UW-36D	3000	90	1,330	1,470	75	500	19.5	36	CORE-Mini-2000
CORE-DL-FIX-25-B-927-24D	2700	90	1,638	1,810	78	600	23.3	24	CORE-Mini-2000
CORE-DL-FIX-25-B-927-36D	2700	90	1,657	1,831	79	600	23.3	36	CORE-Mini-2000
CORE-DL-FIX-25-B-930-24D	3000	90	1,715	1,895	81	600	23.3	24	CORE-Mini-2000
CORE-DL-FIX-25-B-930-36D	3000	90	1,735	1,917	82	600	23.3	36	CORE-Mini-2000
CORE-DL-FIX-25-B-935-24D	3500	90	1,775	1,962	84	600	23.3	24	CORE-Mini-2000
CORE-DL-FIX-25-B-935-36D	3500	90	1,795	1,984	85	600	23.3	36	CORE-Mini-2000
CORE-DL-FIX-25-B-940-24D	4000	90	1,876	2,074	89	600	23.3	24	CORE-Mini-2000
CORE-DL-FIX-25-B-940-36D	4000	90	1,898	2,098	90	600	23.3	36	CORE-Mini-2000
CORE-DL-FIX-25-B-930UW-24D	3000	90	1,613	1,783	77	600	23.3	24	CORE-Mini-2000
CORE-DL-FIX-25-B-930UW-36D	3000	90	1,632	1,804	77	600	23.3	36	CORE-Mini-2000
CORE-DL-FIX-65-B-927-24D	2700	90	4,219	4,663	73	1650	63.8	24	CORE-Pro-5000
CORE-DL-FIX-65-B-927-36D	2700	90	4,264	4,713	74	1650	63.8	36	CORE-Pro-5000
CORE-DL-FIX-65-B-927-60D	2700	90	4,209	4,652	73	1650	63.8	60	CORE-Pro-5000
CORE-DL-FIX-65-B-930-24D	3000	90	4,428	4,894	77	1650	63.8	24	CORE-Pro-5000
CORE-DL-FIX-65-B-930-36D	3000	90	4,475	4,947	78	1650	63.8	36	CORE-Pro-5000
CORE-DL-FIX-65-B-930-60D	3000	90	4,418	4,883	77	1650	63.8	60	CORE-Pro-5000
CORE-DL-FIX-65-B-935-24D	3500	90	4,560	5,040	79	1650	63.8	24	CORE-Pro-5000
CORE-DL-FIX-65-B-935-36D	3500	90	4,609	5,094	80	1650	63.8	36	CORE-Pro-5000
CORE-DL-FIX-65-B-935-60D	3500	90	4,550	5,029	79	1650	63.8	60	CORE-Pro-5000
CORE-DL-FIX-65-B-840-24D	4000	80	5,427	5,999	94	1650	63.8	24	CORE-Pro-5000
CORE-DL-FIX-65-B-840-36D	4000	80	5,486	6,063	95	1650	63.8	36	CORE-Pro-5000
CORE-DL-FIX-65-B-840-60D	4000	80	5,415	5,985	94	1650	63.8	60	CORE-Pro-5000

1. Nominal performance is measured at steady state at Ta = 25°C
2. Tolerance of measurements for the luminous flux, efficacy, power, CRI and CCT is ±5%
3. Module Power is including electrical loss of OT FIT drivers, refer to Table 2. Driver Matching

Product Code Nomenclature



Mechanical Dimensions

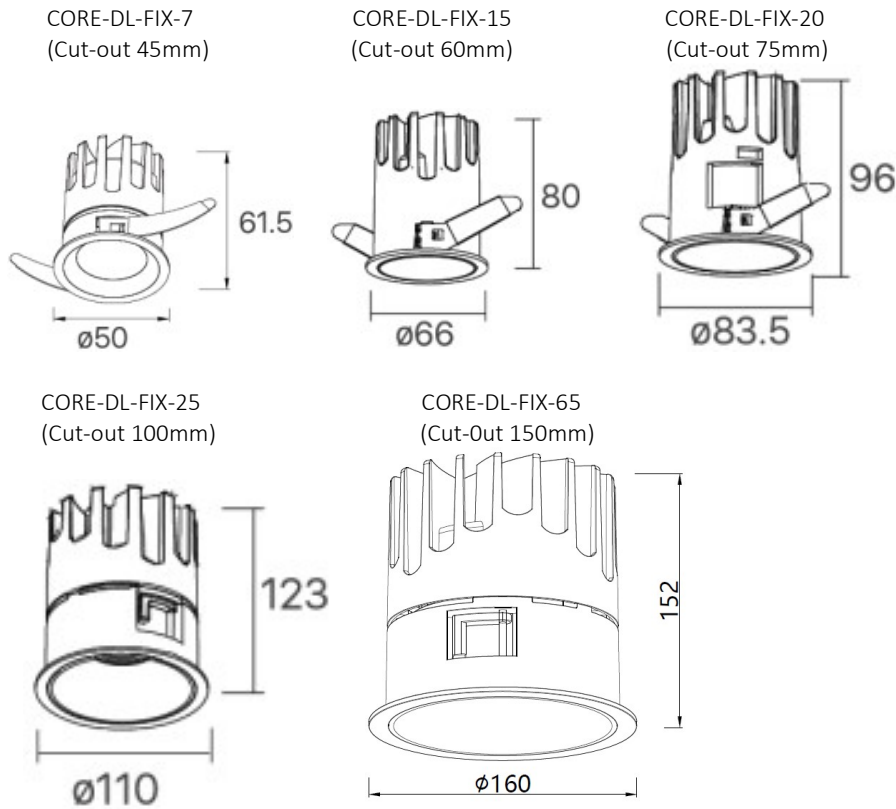


Table 2. Driver Matching

Product Name	OPTOTRONIC Driver Model	Drive Current (mA)	System Flux (Rel. to Table 1)	System Efficacy (Rel. to Table 1)	System Power (W)	System Warranty (years)
CORE-DL-FIX-7	OT FIT 8/220-240/180 CS S Mini	180	100%	100%	7.2	5
	OT FIT 8/220-240/180 CS S Mini	150	84%	103%	5.9	5
	OT FIT 8/220-240/180 CS S Mini	120	68%	105%	4.7	5
CORE-DL-FIX-15	OT FIT 20/220...240/500 CS	350	100%	100%	14.2	5

	OT FIT 20/220...240/500 CS	250	75%	109%	9.8	5
	ELEMENT 15220...240/350	350	100%	100%	14.2	3
	ELEMENT 12/220...240/300	300	88%	104%	12.1	3
	ELEMENT 10/220...240/250	250	75%	109%	9.9	3
	ELEMENT 10/220...240/250 LPF	250	75%	109%	9.9	3
	OTi DALI 15/220 – 240/1A0 LT2 NFC	350	100%	100%	14.5	5
	OT 25W/PRG1250C/UNV/DIM (1-10V)	350	100%	100%	16.1	5
	OTE 18/220...240/350 PC	350	100%	100%	14.4	5
CORE-DL-FIX-20	OT FIT 20/220...240/500 CS	500	100%	100%	19.5	5
	OT FIT 20/220...240/500 CS	450	91%	102%	17.3	5
	OT FIT 20/220...240/500 CS	350	72%	107%	13.1	5
	OT FIT 20/220...240/500 CS	250	53%	113%	9.1	5
	ELEMENT 20/220...240/500	500	100%	100%	19.0	3
	ELEMENT 15220...240/350	350	72%	107%	13.1	3
	ELEMENT 12/220...240/300	300	63%	110%	11.2	3
	ELEMENT 10/220...240/250	250	53%	113%	9.2	3
	ELEMENT 10/220...240/250 LPF	250	53%	113%	9.2	3
	Oti DALI 25/220...240700 LT2 NFC	500	100%	100%	19.4	5
	Oti DALI 25/220...240700 LT2	500	100%	100%	19.4	5
	OTi DALI 15/220 – 240/1A0 LT2 NFC	350	72%	107%	13.4	5
	OTi DALI 15/220...240/1A0 LT2	250	53%	113%	9.4	5
	OT 25W/PRG1250C/UNV/DIM (1-10V)	500	100%	100%	20.9	5
	OT 25W/PRG1250C/UNV/DIM (1-10V)	350	72%	107%	14.8	5
CORE-DL-FIX-25	OT FIT 30/220...240/700 CS	600	100%	100%	23.3	5
	OT FIT 30/220...240/700 CS	500	85%	105%	19.0	5
	ELEMENT 25/220...240/600	600	100%	100%	23.5	3
	ELEMENT 20/220...240/500	500	85%	105%	19.3	3
	Oti DALI 25/220...240700 LT2 NFC	600	100%	100%	23.8	5
	Oti DALI 25/220...240700 LT2 NFC	500	85%	105%	19.7	5
	Oti DALI 25/220...240700 LT2	600	100%	100%	23.8	5
	Oti DALI 25/220...240700 LT2	500	85%	105%	19.7	5
	OT 25W/PRG1250C/UNV/DIM (1-10V)	600	100%	100%	25.5	5
	OT 25W/PRG1250C/UNV/DIM (1-10V)	500	85%	105%	21.2	5
CORE-DL-FIX-65	OT FIT 75/220...240/1A6 CS	1650	100%	100%	63.8	5
	OT FIT 75/220...240/1A6 CS	1500	91%	102%	56.7	5
	OT FIT 75/220...240/1A6 CS	1350	82%	104%	50.2	5
	OT FIT 75/220...240/1A6 CS	1200	73%	107%	43.7	5
	ELEMENT 60/220...240/1A4	1400	85%	104%	52.7	3
	OTi DALI 50/220...240/1A4 LT2 FAN	1400	85%	104%	51.8	5
	OTi DALI 50/220...240/1A4 LT2 FAN	1400	85%	104%	51.8	5
	OT 40W/PRG1400C/UNV/DIM (1-10V)	950	60%	108%	35.5	5

Table 3. Ordering Codes

1. CORE-DL-FIX-7-B

EAN 10	EAN 40	Product Code	Qty per Package (pcs)	MOQ (pcs)
4052899614154	4052899615007	CORE-DL-FIX-7-B-927-15D-WHT	36	108
4052899614161	4052899615014	CORE-DL-FIX-7-B-927-24D-WHT	36	108
4052899614178	4052899615021	CORE-DL-FIX-7-B-927-36D-WHT	36	108
4052899614185	4052899615038	CORE-DL-FIX-7-B-930-15D-WHT	36	108

4052899614192	4052899615045	CORE-DL-FIX-7-B-930-24D-WHT	36	108
4052899614208	4052899615052	CORE-DL-FIX-7-B-930-36D-WHT	36	108
4052899614215	4052899615069	CORE-DL-FIX-7-B-935-15D-WHT	36	108
4052899614222	4052899615076	CORE-DL-FIX-7-B-935-24D-WHT	36	108
4052899614239	4052899615083	CORE-DL-FIX-7-B-935-36D-WHT	36	108
4052899614246	4052899615090	CORE-DL-FIX-7-B-940-15D-WHT	36	108
4052899614253	4052899615106	CORE-DL-FIX-7-B-940-24D-WHT	36	108
4052899614260	4052899615113	CORE-DL-FIX-7-B-940-36D-WHT	36	108

2. CORE-DL-FIX-15-B

EAN 10	EAN 40	Product Code	Qty per Package (pcs)	MOQ (pcs)
4052899614277	4052899615120	CORE-DL-FIX-15-B-927-15D-WHT	24	96
4052899614284	4052899615137	CORE-DL-FIX-15-B-927-24D-WHT	24	96
4052899614291	4052899615144	CORE-DL-FIX-15-B-927-36D-WHT	24	96
4052899614307	4052899615151	CORE-DL-FIX-15-B-930-15D-WHT	24	96
4052899614314	4052899615168	CORE-DL-FIX-15-B-930-24D-WHT	24	96
4052899614321	4052899615175	CORE-DL-FIX-15-B-930-36D-WHT	24	96
4052899614338	4052899615182	CORE-DL-FIX-15-B-935-15D-WHT	24	96
4052899614345	4052899615199	CORE-DL-FIX-15-B-935-24D-WHT	24	96
4052899614352	4052899615205	CORE-DL-FIX-15-B-935-36D-WHT	24	96
4052899614369	4052899615212	CORE-DL-FIX-15-B-940-15D-WHT	24	96
4052899614376	4052899615229	CORE-DL-FIX-15-B-940-24D-WHT	24	96
4052899614383	4052899615236	CORE-DL-FIX-15-B-940-36D-WHT	24	96

3. CORE-DL-FIX-20-B

EAN 10	EAN 40	Product Code	Qty per Package (pcs)	MOQ (pcs)
4052899614390	4052899615243	CORE-DL-FIX-20-B-927-15D-WHT	24	96
4052899614406	4052899615250	CORE-DL-FIX-20-B-927-24D-WHT	24	96
4052899614413	4052899615267	CORE-DL-FIX-20-B-927-36D-WHT	24	96
4052899614420	4052899615274	CORE-DL-FIX-20-B-930-15D-WHT	24	96
4052899614437	4052899615281	CORE-DL-FIX-20-B-930-24D-WHT	24	96
4052899614444	4052899615298	CORE-DL-FIX-20-B-930-36D-WHT	24	96
4052899614451	4052899615304	CORE-DL-FIX-20-B-935-15D-WHT	24	96
4052899614468	4052899615311	CORE-DL-FIX-20-B-935-24D-WHT	24	96
4052899614475	4052899615328	CORE-DL-FIX-20-B-935-36D-WHT	24	96
4052899614482	4052899615335	CORE-DL-FIX-20-B-940-15D-WHT	24	96
4052899614499	4052899615342	CORE-DL-FIX-20-B-940-24D-WHT	24	96
4052899614505	4052899615359	CORE-DL-FIX-20-B-940-36D-WHT	24	96
4052899614512	4052899615366	CORE-DL-FIX-20-B-930UW-15D-WHT	24	96
4052899614529	4052899615373	CORE-DL-FIX-20-B-930UW-24D-WHT	24	96
4052899614536	4052899615380	CORE-DL-FIX-20-B-930UW-36D-WHT	24	96

4. CORE-DL-FIX-25-B

EAN 10	EAN 40	Product Code	Qty per Package (pcs)	MOQ (pcs)
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4052899614543	4052899615397	CORE-DL-FIX-25-B-927-15D-WHT	18	108
4052899614550	4052899615403	CORE-DL-FIX-25-B-927-24D-WHT	18	108
4052899614567	4052899615410	CORE-DL-FIX-25-B-927-36D-WHT	18	108
4052899614574	4052899615427	CORE-DL-FIX-25-B-930-15D-WHT	18	108
4052899614581	4052899615434	CORE-DL-FIX-25-B-930-24D-WHT	18	108
4052899614598	4052899615441	CORE-DL-FIX-25-B-930-36D-WHT	18	108
4052899614604	4052899615458	CORE-DL-FIX-25-B-935-15D-WHT	18	108
4052899614611	4052899615465	CORE-DL-FIX-25-B-935-24D-WHT	18	108
4052899614628	4052899615472	CORE-DL-FIX-25-B-935-36D-WHT	18	108
4052899614635	4052899615489	CORE-DL-FIX-25-B-940-15D-WHT	18	108
4052899614642	4052899615496	CORE-DL-FIX-25-B-940-24D-WHT	18	108
4052899614659	4052899615502	CORE-DL-FIX-25-B-940-36D-WHT	18	108
4052899614666	4052899615519	CORE-DL-FIX-25-B-930UW-15D-WHT	18	108
4052899614673	4052899615526	CORE-DL-FIX-25-B-930UW-24D-WHT	18	108
4052899614680	4052899615533	CORE-DL-FIX-25-B-930UW-36D-WHT	18	108

4. CORE-DL-FIX-65-B

EAN 10	EAN 40	Product Code	Qty per Package (pcs)	MOQ (pcs)
4052899613324	4052899613447	CORE-DL-FIX-65-B-927-15D-WHT	8	96
4052899613331	4052899613454	CORE-DL-FIX-65-B-927-24D-WHT	8	96
4052899613348	4052899613461	CORE-DL-FIX-65-B-927-36D-WHT	8	96
4052899614697	4052899615540	CORE-DL-FIX-65-B-927-60D-WHT	8	96
4052899613355	4052899613478	CORE-DL-FIX-65-B-930-15D-WHT	8	96
4052899613362	4052899613485	CORE-DL-FIX-65-B-930-24D-WHT	8	96
4052899613379	4052899613492	CORE-DL-FIX-65-B-930-36D-WHT	8	96
4052899614703	4052899615557	CORE-DL-FIX-65-B-930-60D-WHT	8	96
4052899613386	4052899613508	CORE-DL-FIX-65-B-935-15D-WHT	8	96
4052899613393	4052899613515	CORE-DL-FIX-65-B-935-24D-WHT	8	96
4052899613409	4052899613522	CORE-DL-FIX-65-B-935-36D-WHT	8	96
4052899614710	4052899615564	CORE-DL-FIX-65-B-935-60D-WHT	8	96
4052899613416	4052899613539	CORE-DL-FIX-65-B-840-15D-WHT	8	96
4052899613423	4052899613546	CORE-DL-FIX-65-B-840-24D-WHT	8	96
4052899613430	4052899613553	CORE-DL-FIX-65-B-840-36D-WHT	8	96
4052899614727	4052899615571	CORE-DL-FIX-65-B-840-60D-WHT	8	96