

# Highly Integrated Spotlight Module

## Product Specification



### Product Description

CORE-DL-ADJ is a highly integrated solution for indoor recessed and tiltable spotlight application. The product is using OSRAM PrevaLED CORE Mini 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

### Benefits

- Wide flux output range
- Adjustable tile angle up to 30°
- Slim trim design
- Robust and stylish design with Die-cast Aluminum housing
- Simple & easy installation

### Features

- Color consistency < 3SDCM
- TM30 compliant, Rg 100, Rf 90
- Flux output range 500-1,100lm
- Beam angle FWHM at 15, 24, 36°

### Applications

- Hospitality, Restaurant
- Retail shop

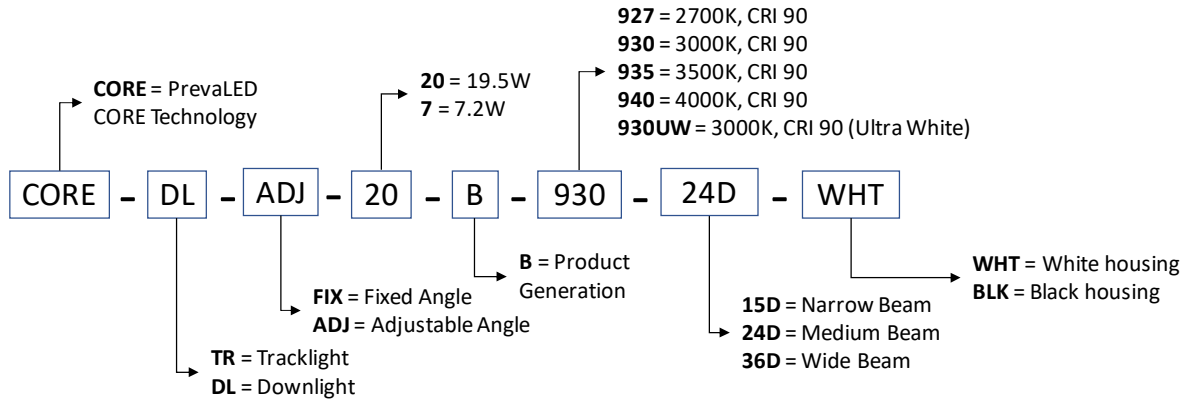
Table 1. Product Performance, Ta = 25°C

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-ADJ-7-B-927-15D	2700	90	432	478	66	180	7.2	15	CORE-Mini-1000-HD
CORE-DL-ADJ-7-B-927-24D	2700	90	432	477	66	180	7.2	24	CORE-Mini-1000-HD
CORE-DL-ADJ-7-B-927-36D	2700	90	399	441	61	180	7.2	36	CORE-Mini-1000-HD
CORE-DL-ADJ-7-B-930-15D	3000	90	447	494	69	180	7.2	15	CORE-Mini-1000-HD
CORE-DL-ADJ-7-B-930-24D	3000	90	446	493	68	180	7.2	24	CORE-Mini-1000-HD
CORE-DL-ADJ-7-B-930-36D	3000	90	413	456	63	180	7.2	36	CORE-Mini-1000-HD
CORE-DL-ADJ-7-B-935-15D	3500	90	454	502	70	180	7.2	15	CORE-Mini-1000-HD
CORE-DL-ADJ-7-B-935-24D	3500	90	453	501	70	180	7.2	24	CORE-Mini-1000-HD
CORE-DL-ADJ-7-B-935-36D	3500	90	419	463	64	180	7.2	36	CORE-Mini-1000-HD
CORE-DL-ADJ-7-B-940-15D	4000	90	449	497	69	180	7.2	15	CORE-Mini-1000-HD
CORE-DL-ADJ-7-B-940-24D	4000	90	448	496	69	180	7.2	24	CORE-Mini-1000-HD
CORE-DL-ADJ-7-B-940-36D	4000	90	415	458	64	180	7.2	36	CORE-Mini-1000-HD
CORE-DL-ADJ-20-B-927-24D	2700	90	862	953	49	500	19.5	24	CORE-Mini-2000
CORE-DL-ADJ-20-B-927-36D	2700	90	866	957	49	500	19.5	36	CORE-Mini-2000
CORE-DL-ADJ-20-B-930-24D	3000	90	903	998	51	500	19.5	24	CORE-Mini-2000
CORE-DL-ADJ-20-B-930-36D	3000	90	906	1,002	51	500	19.5	36	CORE-Mini-2000
CORE-DL-ADJ-20-B-935-24D	3500	90	934	1,032	53	500	19.5	24	CORE-Mini-2000

CORE-DL-ADJ-20-B-935-36D	3500	90	938	1,037	53	500	19.5	36	CORE-Mini-2000
CORE-DL-ADJ-20-B-940-24D	4000	90	987	1,091	56	500	19.5	24	CORE-Mini-2000
CORE-DL-ADJ-20-B-940-36D	4000	90	992	1,096	56	500	19.5	36	CORE-Mini-2000
CORE-DL-ADJ-20-B-930UW-24D	3000	90	849	939	48	500	19.5	24	CORE-Mini-2000
CORE-DL-ADJ-20-B-930UW-36D	3000	90	853	943	48	500	19.5	36	CORE-Mini-2000

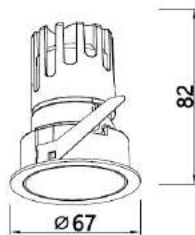
1. Nominal performance is measured at steady state at Ta = 25°C
2. Tolerance of measurements for the luminous flux, efficacy, power, CRI and CCT is ±5%
3. Module Power is including electrical loss of OT FIT drivers, refer to Table 2. Driver Matching

## Product Code Nomenclature



## Mechanical Dimensions

CORE-DL-ADJ-7  
(Cut-out 60mm)



CORE-DL-ADJ-20  
(Cut-out 100mm)

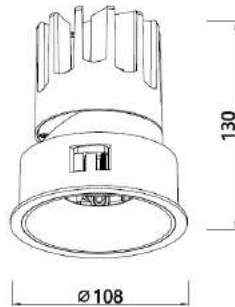


Table 2. Driver Matching

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)
<b>CORE-DL-ADJ-7</b>	<b>OT FIT 8/220-240/180 CS S Mini</b>	<b>180</b>	<b>100%</b>	<b>100%</b>	<b>7.2</b>	<b>5</b>
	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
<b>CORE-DL-ADJ-20</b>	<b>OT FIT 20/220...240/500 CS</b>	<b>500</b>	<b>100%</b>	<b>100%</b>	<b>19.5</b>	<b>5</b>
	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
	<b>ELEMENT 20/220...240/500</b>	<b>500</b>	<b>100%</b>	<b>100%</b>	<b>19.0</b>	<b>3</b>
	ELEMENT 15/220...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
	<b>Oti DALI 25/220...240/700 LT2 NFC</b>	<b>500</b>	<b>100%</b>	<b>100%</b>	<b>19.4</b>	<b>5</b>
	<b>Oti DALI 25/220...240/700 LT2</b>	<b>500</b>	<b>100%</b>	<b>100%</b>	<b>19.4</b>	<b>5</b>
	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
	<b>OT 25W/PRG1250C/UNV/DIM (1-10V)</b>	<b>500</b>	<b>100%</b>	<b>100%</b>	<b>20.9</b>	<b>5</b>
	OT 25W/PRG1250C/UNV/DIM (1-10V)	350	72%	107%	14.8	5

Table 3. Ordering Codes

**1. CORE-DL-ADJ-7-B**

EAN 10	EAN 40	Product Code	Qty per Package (pcs)	MOQ (pcs)
4052899614734	4052899615588	CORE-DL-ADJ-7-B-927-15D-WHT	36	108
4052899614741	4052899615595	CORE-DL-ADJ-7-B-927-24D-WHT	36	108
4052899614758	4052899615601	CORE-DL-ADJ-7-B-927-36D-WHT	36	108
4052899614765	4052899615618	CORE-DL-ADJ-7-B-930-15D-WHT	36	108
4052899614772	4052899615625	CORE-DL-ADJ-7-B-930-24D-WHT	36	108
4052899614789	4052899615632	CORE-DL-ADJ-7-B-930-36D-WHT	36	108
4052899614796	4052899615649	CORE-DL-ADJ-7-B-935-15D-WHT	36	108
4052899614802	4052899615656	CORE-DL-ADJ-7-B-935-24D-WHT	36	108
4052899614819	4052899615663	CORE-DL-ADJ-7-B-935-36D-WHT	36	108
4052899614826	4052899615670	CORE-DL-ADJ-7-B-940-15D-WHT	36	108
4052899614833	4052899615687	CORE-DL-ADJ-7-B-940-24D-WHT	36	108
4052899614840	4052899615694	CORE-DL-ADJ-7-B-940-36D-WHT	36	108

**2. CORE-DL-ADJ-20-B**

EAN 10	EAN 40	Product Code	Qty per Package (pcs)	MOQ (pcs)
4052899614857	4052899615700	CORE-DL-ADJ-20-B-927-15D-WHT	12	96
4052899614864	4052899615717	CORE-DL-ADJ-20-B-927-24D-WHT	12	96
4052899614871	4052899615724	CORE-DL-ADJ-20-B-927-36D-WHT	12	96

4052899614888	4052899615731	CORE-DL-ADJ-20-B-930-15D-WHT	12	96
4052899614895	4052899615748	CORE-DL-ADJ-20-B-930-24D-WHT	12	96
4052899614901	4052899615755	CORE-DL-ADJ-20-B-930-36D-WHT	12	96
4052899614918	4052899615762	CORE-DL-ADJ-20-B-935-15D-WHT	12	96
4052899614925	4052899615779	CORE-DL-ADJ-20-B-935-24D-WHT	12	96
4052899614932	4052899615786	CORE-DL-ADJ-20-B-935-36D-WHT	12	96
4052899614949	4052899615793	CORE-DL-ADJ-20-B-940-15D-WHT	12	96
4052899614956	4052899615809	CORE-DL-ADJ-20-B-940-24D-WHT	12	96
4052899614963	4052899615816	CORE-DL-ADJ-20-B-940-36D-WHT	12	96
4052899614970	4052899615823	CORE-DL-ADJ-20-B-930UW-15D-WHT	12	96
4052899614987	4052899615830	CORE-DL-ADJ-20-B-930UW-24D-WHT	12	96
4052899614994	4052899615847	CORE-DL-ADJ-20-B-930UW-36D-WHT	12	96