

Highly Integrated Zoomable Module

Product Specification



Product Description

CORE-TR-ZOOM and CORE-DL-ZOOM are highly integrated zoomable module solution for indoor application. The product is using OSRAM PrevaLED CORE Mini COB technology and proprietary zoomable optics system.

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

Benefits

- Zoomable optics for optimal flexibility
- Robust and stylish design with Die-cast Aluminum housing
- Simple & easy installation for track and recessed rotatable spotlight
- High visual comfort with TIR lens optics

Features

- Color consistency < 3SDCM
- TM30 compliant, Rg 100, Rf 90
- Zoomable beam angle range 20-40°

Applications

- Fashion retail shop
- Gallery and museum

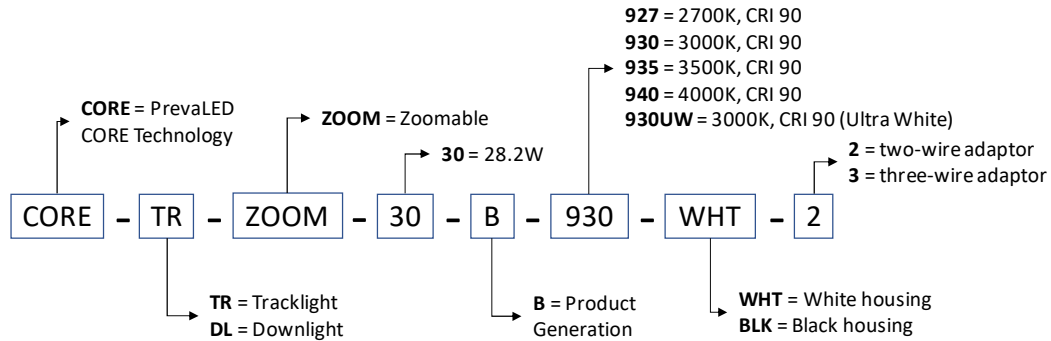
Table 1. Product Performance, Ta = 25°C

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-TR-ZOOM-30-B-927	2700	90	1,827	2,019	72	700	28.2	20	CORE-Mini-2000
	2700	90	1,970	2,177	77	700	28.2	40	CORE-Mini-2000
CORE-TR-ZOOM-30-B-930	3000	90	1,912	2,114	75	700	28.2	20	CORE-Mini-2000
	3000	90	2,062	2,280	81	700	28.2	40	CORE-Mini-2000
CORE-TR-ZOOM-30-B-935	3500	90	1,979	2,188	78	700	28.2	20	CORE-Mini-2000
	3500	90	2,135	2,359	84	700	28.2	40	CORE-Mini-2000
CORE-TR-ZOOM-30-B-940	4000	90	2,022	2,234	79	700	28.2	20	CORE-Mini-2000
	4000	90	2,180	2,410	85	700	28.2	40	CORE-Mini-2000
CORE-TR-ZOOM-30-B-930UW	3000	90	1,799	1,989	71	700	28.2	20	CORE-Mini-2000
	3000	90	1,941	2,145	76	700	28.2	40	CORE-Mini-2000
CORE-DL-ZOOM-30-B-927	2700	90	1,827	2,019	72	700	28.2	20	CORE-Mini-2000
	2700	90	1,970	2,177	77	700	28.2	40	CORE-Mini-2000
CORE-DL-ZOOM-30-B-930	3000	90	1,912	2,114	75	700	28.2	20	CORE-Mini-2000
	3000	90	2,062	2,280	81	700	28.2	40	CORE-Mini-2000
CORE-DL-ZOOM-30-B-935	3500	90	1,979	2,188	78	700	28.2	20	CORE-Mini-2000
	3500	90	2,135	2,359	84	700	28.2	40	CORE-Mini-2000
CORE-DL-ZOOM-30-B-940	4000	90	2,022	2,234	79	700	28.2	20	CORE-Mini-2000
	4000	90	2,180	2,410	85	700	28.2	40	CORE-Mini-2000

CORE-DL-ZOOM-30-B-930UW	3000	90	1,799	1,989	71	700	28.2	20	CORE-Mini-2000
	3000	90	1,941	2,145	76	700	28.2	40	CORE-Mini-2000

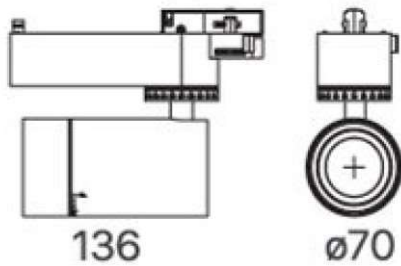
1. Nominal performance is measured at steady state at Ta = 25°C
2. Tolerance of measurements for the luminous flux, efficacy, CRI and CCT is ±5%
3. Module Power is including electrical loss of OT FIT drivers, refer to Table 2. Driver Matching
4. Housing Color is available in Black / White
5. Adaptor type is available in 2-wire / 3-wire

Product Code Nomenclature



Mechanical Dimensions

CORE-TR-ZOOM-30-B



CORE-DL-ZOOM-30-B

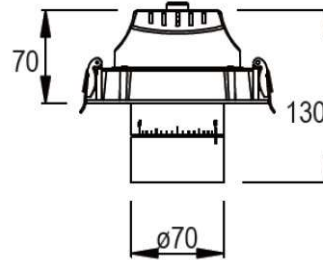


Table 2. Driver Matching

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-TR-ZOOM	OT FIT 30/220...240/700 CS	700	100%	100%	28.2	5
	OT FIT 30/220...240/700 CS	650	94%	102%	25.9	5
	OT FIT 30/220...240/700 CS	600	88%	105%	23.6	5
	OT FIT 30/220...240/700 CS	500	75%	110%	19.2	5
	ELEMENT 30/220...240/700	700	100%	100%	28.3	3
	ELEMENT 25/220...240/600	600	88%	105%	23.8	3
	ELEMENT 20/220...240/500	500	75%	110%	19.5	3
CORE-DL-ZOOM	OT FIT 30/220...240/700 CS	700	100%	100%	28.2	5
	OT FIT 30/220...240/700 CS	650	94%	102%	25.9	5
	OT FIT 30/220...240/700 CS	600	88%	105%	23.6	5
	OT FIT 30/220...240/700 CS	500	75%	110%	19.2	5
	ELEMENT 30/220...240/700	700	100%	100%	28.3	3

ELEMENT 25/220...240/600	600	88%	105%	23.8	3
ELEMENT 20/220...240/500	500	75%	110%	19.5	5
OTE 35/220...240/700 PC	700	100%	100%	28.8	5
Oti DALI 25/220...240700 LT2 NFC	700	100%	100%	28.4	5
Oti DALI 25/220...240700 LT2 NFC	600	88%	105%	24.0	5
Oti DALI 25/220...240700 LT2 NFC	500	75%	110%	20.0	5
Oti DALI 25/220...240700 LT2	700	100%	100%	28.4	5
Oti DALI 25/220...240700 LT2	600	88%	105%	24.1	5
Oti DALI 25/220...240700 LT2	500	75%	110%	20.0	5
OT 40W/PRG1400C/UNV/DIM (1-10V)	700	100%	100%	30.0	5
OT 25W/PRG1250C/UNV/DIM (1-10V)	600	88%	105%	25.8	5

Table 3. Ordering Codes

1. CORE-TR-ZOOM-30-B

EAN 10	EAN 40	Product Code	Qty per Package (pcs)	MOQ (pcs)
4052899612365	4052899612563	CORE-TR-ZOOM-30-B-927-BLK-2	12	96
4052899612372	4052899612570	CORE-TR-ZOOM-30-B-930-BLK-2	12	96
4052899612389	4052899612587	CORE-TR-ZOOM-30-B-935-BLK-2	12	96
4052899612396	4052899612594	CORE-TR-ZOOM-30-B-940-BLK-2	12	96
4052899612402	4052899612600	CORE-TR-ZOOM-30-B-930UW-BLK-2	12	96
4052899612419	4052899612617	CORE-TR-ZOOM-30-B-927-WHT-2	12	96
4052899612426	4052899612624	CORE-TR-ZOOM-30-B-930-WHT-2	12	96
4052899612433	4052899612631	CORE-TR-ZOOM-30-B-935-WHT-2	12	96
4052899612440	4052899612648	CORE-TR-ZOOM-30-B-940-WHT-2	12	96
4052899612457	4052899612655	CORE-TR-ZOOM-30-B-930UW-WHT-2	12	96
4052899612464	4052899612662	CORE-TR-ZOOM-30-B-927-BLK-3	12	96
4052899612471	4052899612679	CORE-TR-ZOOM-30-B-930-BLK-3	12	96
4052899612488	4052899612686	CORE-TR-ZOOM-30-B-935-BLK-3	12	96
4052899612495	4052899612693	CORE-TR-ZOOM-30-B-940-BLK-3	12	96
4052899612501	4052899612709	CORE-TR-ZOOM-30-B-930UW-BLK-3	12	96
4052899612518	4052899612716	CORE-TR-ZOOM-30-B-927-WHT-3	12	96
4052899612525	4052899612723	CORE-TR-ZOOM-30-B-930-WHT-3	12	96
4052899612532	4052899612730	CORE-TR-ZOOM-30-B-935-WHT-3	12	96
4052899612549	4052899612747	CORE-TR-ZOOM-30-B-940-WHT-3	12	96
4052899612556	4052899612754	CORE-TR-ZOOM-30-B-930UW-WHT-3	12	96

2. CORE-DL-ZOOM-30-B

EAN 10	EAN 40	Product Code	Qty per Package (pcs)	MOQ (pcs)
4052899612761	4052899612860	CORE-DL-ZOOM-30-B-927-BLK	12	96
4052899612778	4052899612877	CORE-DL-ZOOM-30-B-930-BLK	12	96
4052899612785	4052899612884	CORE-DL-ZOOM-30-B-935-BLK	12	96
4052899612792	4052899612891	CORE-DL-ZOOM-30-B-940-BLK	12	96
4052899612808	4052899612907	CORE-DL-ZOOM-30-B-930UW-BLK	12	96
4052899612815	4052899612914	CORE-DL-ZOOM-30-B-927-WHT	12	96
4052899612822	4052899612921	CORE-DL-ZOOM-30-B-930-WHT	12	96
4052899612839	4052899612938	CORE-DL-ZOOM-30-B-935-WHT	12	96

4052899612846	4052899612945	CORE-DL-ZOOM-30-B-940-WHT	12	96
4052899612853	4052899612952	CORE-DL-ZOOM-30-B-930UW-WHT	12	96

Before installation, please read this manual and keep it for reference.

Single Circuit Track System Installation Instructions

Single circuit track system introduction

- Single circuit track system includes track, power feed, junction component and end cap.
- Power feed and junction component are with power indicator.

Track parameters

Product Name: single circuit track system
 Supply Voltage: 220-230V
 Power Frequency: 50/60Hz
 Max-working Temperature: 80°C

Specifications: 0.5M 1.0M 1.5M
 2.0M 2.5M 3M
 Rated Current: 10A
 Ingress Protection: IP20

Installation steps

1 The power cord connection method

2 Junction Component

3 Track

4 Single circuit track system assembly

5 Single circuit track system assembly

<p>Components</p>	<p>The circuit diagram</p>	<p>Mechanical load</p>
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Attention

- This product is suitable for indoor installation only. Wiring should avoid moisture, corrosion and hot environment. Prohibit to be used underwater.
- Make sure the supply voltage, power frequency are in conformity with instruction. Cut off power supply before installation or replacement to avoid electric shock and other fault.
- No matter under what circumstances, single circuit track system can't be covered by heat insulation gasket or similar materials. Otherwise it is easy to cause fire and other failures.

Repair and maintenance

- When the product is abnormal, turn off the power immediately. Don't modify or replace parts by yourself.
- For safety and efficiency purpose, it is recommended to clean and check the track system every six months. Cut off power before cleaning, and wipe with wrung-out wet cloth soaked in neutral washing liquid and then dry with soft dry cloth.
- Use this product under normal conditions. It is one year warranty.