

LED2-3-R 3" REMODEL NON-IC LED DOWNLIGHT



**500
LUMENS**

INPUT VOLT.	INPUT FREQ.	INPUT CUR.	INPUT POWER	THD	POWER FACTOR	LUMENS
120/277	50/60Hz	55mA/20mA	8W(+/-5%)	<20%	>0.9	500

DESCRIPTION - 3" LED dedicated Remodel NON-IC housing with the driver installed on the junction box. Designed for remodel construction installations and suitable for use in ceilings where insulation is kept 3 inches from housing. The excellent color rendering index of 85+ and realistic color temperature confirms that the Elite LED luminaires are ideally suited for use in hospitality, health care, commercial, retail and residential applications. Consuming 8 Watts and producing over 500 usable lumens, the lighting is smooth and comfortable while using nearly 80% less energy than the equivalent 50W BR20/PAR20 or MR16. Plus the eco-friendly Elite LED system features 70% lumen maintenance at 72,000 hours life.

FEATURES - Greater light output than a 50W BR20/PAR20 or MR16 while. Spot distribution is ideal for task lighting applications.

DURABILITY - Without proper heat management, any LED luminaire will fail. Our die-cast system pulls the heat from the LED chip, allowing continued cool operation for years. Life tests have shown the 6 watt Elite LED output will be maintained at 70% of initial lumens at 72,000 hours of operation.

DRIVER - Our LED driver is rated for 50 to 60 Hz, produces less than 20% THD, has a power factor between 0.90 and 1.00 and is thermally protected for additional safety. Elite LED driver is installed on the junction box cover, it is easily accessible for service from below the ceiling. Additionally, a 277V option is available.

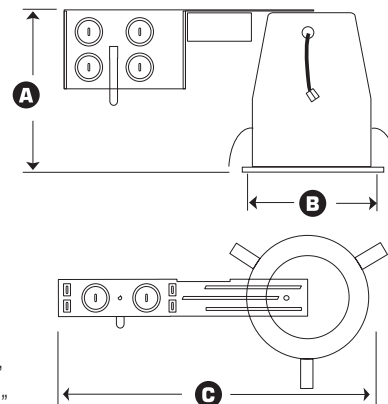
REPEATABLE - Repeatability means quality. From our chip selection process, to our driver, to the thermal management, the 6 watt Elite LED is engineered for quality. Our superior design allows for installation in construction that requires the Elite LED Air-Shut™ system. All Elite LED luminaires are rated at 90+ CRI and 3,500 degrees Kelvin, as rated and tested to LM-79 and LM-80 standards by a certified laboratory, and meets the California Title-24 compliance standards.

DIMMABLE - The Elite LED system is fully dimmable down to 10% of initial light output with a Triac & Electronic Low Voltage dimmer when ordered with the following option (DIMTR-120). Applications requiring 277V are not dimmable. Consult Factory for details.

HOUSING - Die-formed high temperature painted 22 gauge steel deep-drawn for maximum heat dissipation and rust protection. Designed for remodel installations and is suitable for use in ceilings where insulation is kept 3 inches from housing. May be installed in 2" x 6" joist construction.

INSTALLATION - For fast and easy installation in existing plaster or mechanical ceilings the housing installs from below the ceiling. Three preinstalled spring clips will secure the housing firmly into ceiling to accommodate different ceiling thicknesses from 1/2" to 1-3/8".

JUNCTION BOX - UL Listed for through-branch circuit wiring, provided with eight 1/2" knockouts and four Romex knockouts with true pry-out slots and strain clamps.



- A** Height = 5-1/2"
- B** Cut-out = 3-3/4"
- C** Length = 12-1/2"



THERMAL PROTECTION - Standard thermal protection device guards against improper installation and misuse of insulation material.

OUR WORD - The Elite LED lighting system carries a five-year carefree warranty for parts and components. (Labor not included.)

LISTING

c-UL-us - listed for Damp location.
c-UL-us - listed for feed Through Wiring.
LM79 / LM80

DIMMING INFORMATION

DIMTR (Triac & Electronic Low Voltage Dimming)

Please see page 410-411 for Trim Options

Example: LED2-3-R-500L-DIMTR-120-AT/LED2-1301-500L-ND-35K-W-WH

HOUSING TYPE	TYPE	600L SERIES			AIR-SHUT		
	LED2-3-R	<input type="checkbox"/> 500L-DIMTR-120 <input type="checkbox"/> 500L-LUTH-120	<input type="checkbox"/> 500L-LUTH-277 <input type="checkbox"/> 500L-DIM10-MVOLT	<input type="checkbox"/> AT			

TRIM	TRIM TYPE	SERIES	OPTICS	CCT	CRI	FINISH	
	<input type="checkbox"/> LED2-1362 (Lensed)	<input type="checkbox"/> 500L	<input type="checkbox"/> MD (Medium)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K (85+ CRI Only)	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> CP	<input type="checkbox"/> SN
	<input type="checkbox"/> WH		<input type="checkbox"/> BK				
	<input type="checkbox"/> LED2-1301 (Baffle)	<input type="checkbox"/> ND (Narrow)	<input type="checkbox"/> BZ			<input type="checkbox"/> CH	
	<input type="checkbox"/> LED2-1302 (Reflector)	<input type="checkbox"/> 500L	<input type="checkbox"/> ND (Narrow)		<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> W-WH <input type="checkbox"/> P-WH <input type="checkbox"/> SN-SN	<input type="checkbox"/> P-BK <input type="checkbox"/> CP-CP <input type="checkbox"/> BZ-BZ
						<input type="checkbox"/> CL-WH <input type="checkbox"/> W-WH <input type="checkbox"/> BZ-BZ <input type="checkbox"/> RG-WH <input type="checkbox"/> SN-SN <input type="checkbox"/> CL-SN	<input type="checkbox"/> MB-WH <input type="checkbox"/> CL-CH <input type="checkbox"/> CP-CP <input type="checkbox"/> CP-WH <input type="checkbox"/> MB-BK <input type="checkbox"/> SN-WH

Gather the light scattered by the LED chip, shape it into a functional beam with a glare reducing cone that has a 55-degree cut-off. Now you have the Elite engineered, superior quality, 3" architectural LED downlight; consuming 6 Watts and producing over 500 lumens.

Among the trim options are: white, black, Copper, Bronze or satin nickel architectural low glare baffle with a variety of trim ring color options. Die-cast aluminum trim and integral heat management system are engineered for extremely long life and service period.

The heat sink extrusion is made from 3001 aluminum and is engineered to be in intimate contact with the die-cast trim. The cast trim has been designed to maximize reflective surface areas while keeping effective heat dissipation a priority.

As technology improves or the needs of a space changes, the Elite architectural 3" LED trim can be upgraded. Simply pull it down from the housing and unplug the quick EZ-disconnect. Putting in a new trim is just as easy and there is no danger of electrical shock. The EZ-connect system eliminates incidental contact and the system is powered by less than 12 volts.

BAFFLE WITH NARROW LIGHT DISTRIBUTION

COVERED BY U.S. PATENT NUMBERS: D646011S



LED2-1301-500L-ND-**A**-P-BK

Photometric Multiplier .75



LED2-1301-500L-ND-**A**-BZ-BZ

Photometric Multiplier .85

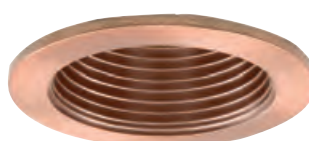


LED2-1301-500L-ND-**A**-W-WH

Photometric Multiplier 1.0



LED2-1301-500L-ND-**A**-SN-SN



LED2-1301-500L-ND-**A**-CP-CP

Photometric Multiplier .87



LED2-1301-500L-ND-**A**-P-WH

Photometric Multiplier .75

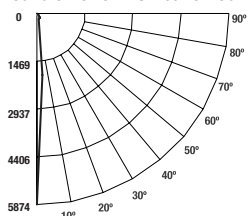
Example: LED2-1301-500L-ND-30K-W-WH

TYPE	500L SERIES	OPTICS	(A) CCT	CRI	FINISH
LED2-1301	<input type="checkbox"/> 500L	<input type="checkbox"/> ND (Narrow)	<input type="checkbox"/> 27K <input type="checkbox"/> 40K <input type="checkbox"/> 30K <input type="checkbox"/> 50K <input type="checkbox"/> 35K (85+ CRI ONLY)	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> W-WH <input type="checkbox"/> CP-CP <input type="checkbox"/> P-WH <input type="checkbox"/> BZ-BZ <input type="checkbox"/> SN-SN <input type="checkbox"/> P-BK
BAFFLE FINISH:			TRIM/RING FINISH:		
BZ BRONZE CP COPPER SN SATIN NICKEL WH WHITE P BLACK			BK BLACK WH WHITE CH CHROME PB POLISH BRASS SN SATIN NICKEL CP COPPER BZ BRONZE		

THE MOST UP TO DATE PHOTOMETRIC DATA IS AVAILABLE ONLINE @ WWW.IUSEELITE.COM

TRIM: LED2-1301-500L-ND-50K-W-WH
 TEST NO.: ELT-LED2-1301-0300
 LUMENS: 510.7
 SPACING CRITERIA: 0.14

Candle Power Distribution Curve (Candela)



Candela Distribution

	0
0	5874
5	1904
15	173
25	151
35	138
45	83
55	3
65	3
75	3
85	3
90	0

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	324.3	66.6%	66.6%
0-40	410.8	84.4%	84.4%
0-60	477.7	98.1%	98.1%
0-90	487.0	100%	100%

REFLECTOR WITH NARROW LIGHT DISTRIBUTION



LED2-1302-500L-ND-A-CL-WH
Photometric Multiplier 1.0



LED2-1302-500L-ND-A-CP-WH
Photometric Multiplier .90



LED2-1302-500L-ND-A-SN-WH
Photometric Multiplier .87



LED2-1302-500L-ND-A-CL-CH
Photometric Multiplier 1.0



LED2-1302-500L-ND-A-CP-CP
Photometric Multiplier .90



LED2-1302-500L-ND-A-SN-SN
Photometric Multiplier .87



LED2-1302-500L-ND-A-MB-WH
Photometric Multiplier .77



LED2-1302-500L-ND-A-BZ-BZ
Photometric Multiplier .87



LED2-1302-500L-ND-A-RG-WH
Photometric Multiplier .90



LED2-1302-500L-ND-A-MB-BK
Photometric Multiplier .77



LED2-1302-500L-ND-A-W-WH
Photometric Multiplier .95



LED2-1362-500L-MD-A-B



Example: **LED2-1302-8W-ND-30K-W-WH**

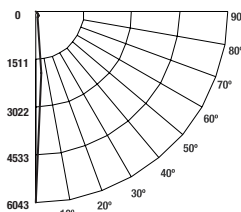
TYPE	500L SERIES	OPTICS	(A) CCT	CRI	FINISH
LED2-1302	<input type="checkbox"/> 500L	<input type="checkbox"/> ND (Narrow)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> CL-WH <input type="checkbox"/> CP-WH <input type="checkbox"/> W-WH <input type="checkbox"/> BZ-BZ <input type="checkbox"/> SN-WH <input type="checkbox"/> RG-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> CL-CH <input type="checkbox"/> CP-CP <input type="checkbox"/> MB-BK <input type="checkbox"/> SN-SN

TYPE	500L SERIES	OPTICS	(A) CCT	CRI	(B) FINISH
LED2-1362	<input type="checkbox"/> 500L	<input type="checkbox"/> MD (Medium)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> CP <input type="checkbox"/> WH <input type="checkbox"/> BZ <input type="checkbox"/> SN <input type="checkbox"/> BK <input type="checkbox"/> CH

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TRIM: **LED-1302-500L-ND-50K-CL-WH**
TEST NO.: **ELT-LED2-1302-0315**
LUMENS: **545.6**
SPACING CRITERIA: **.14**

Candle Power Distribution Curve (Candela)



Candela Distribution

	Q
0	6043
5	1982
15	190
25	167
35	149
45	91
55	5
65	3
75	3
85	2
90	0

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	344.6	66.1%	66.1%
0-40	438.1	84.1%	84.1%
0-60	513.0	98.4%	98.4%
0-90	521.1	100%	100%