

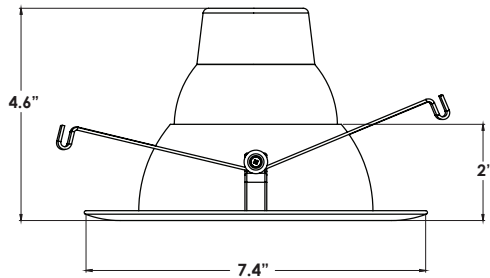


EASY 5 COLORS  
**SELECCTOR**  
2700K • 3000K • 3500K • 4000K • 5000K



### FEATURES

The Elite RL628 has been engineered for new construction and retrofit applications for 6-inch downlights. An easy 5-Color SeleCCTor switch allows the contractor to easily switch between five different color temperatures in the field. The RL628 is compatible with most 5" and 6" recessed housing for quick, easy installation in healthcare, hospitality, office, residential, and retail applications.



| NOMINAL LUMENS | DELIVERED LUMENS | WATTAGE |
|----------------|------------------|---------|
| 950            | 1272             | 14W     |

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%



### INSTALLATION

Elite LED Retrofits come standard with quick connectors ready for installation in Elite Lighting's LD series recessed housing that are Energy Star and Title 24 rated (LD4IC-AT, LD5IC, LD6IC-AT).

You MUST seal all gaps between the ceiling and fixture with weatherproof silicone sealant. This deters moisture and water from damaging fixtures and other mechanical ceiling elements.

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| LUMENS            | 950                                                     |
| CCT               | 27K/30K/35K/40K/50K                                     |
| CRI               | 90+                                                     |
| COLOR QUALITY     | 3 Step MacAdam Ellipses                                 |
| TRIM              | Reflector, Aluminum die-cast body and trim              |
| REFLECTOR COLORS  | WH (White)                                              |
| FLANGE COLORS     | WH (White)                                              |
| DIMMING           | DIMTR (Triac)                                           |
| LIFETIME          | L70 at 50,000 Hours                                     |
| EMERGENCY         | 16W high voltage inverter (Installed into the housing)* |
| PHOTOMETRIC TESTS | In Accordance with IES LM79-08, LM80 and TM-30, TM-21   |

\* Consult Factory

### OPTICS AND REFLECTOR

Easy 5-Color SeleCCTor switch can be adjusted to a choice of 5 different Kelvin color temperatures in the field. Options include 27K/30K/35K/40K/50K. The SeleCCTor switch is located on the junction box for easy adjustment before and after installation. The SeleCCTor switch is easily accessible by lowering the luminaire from the opening.

#### CONSTRUCTION

Die-cast aluminum body and die-cast aluminum-lens for maximum heat dissipation.

#### OPTICS

A deeply regressed source provides glare-free, comfortable illumination and a 45-degree cutoff.

#### COMPATIBLE WITH ELITE 6" HOUSINGS

The Elite REL628 series works in Elite housings (LD6IC-AT, LD6RIC-AT, LD5IC-AT, and LD5RIC-AT) and existing Elite 6" incandescent housings (B6ICAT, EZ6IC-AT, B26IC-AT, B26RIC-AT, B6RIC-AT). Also suitable for use in most 5" and 6" incandescent recessed downlight housings.

#### QUICK AND EASY INSTALLATION

Quick connectors for use with 5" or 6" housing or Edison base adapter for retrofitting into existing 6" incandescent housings.

Torsion springs pre-installed onto both sides of fixture, installing easily in most 6" incandescent downlights.

Insert torsion springs into can and press trim to ceiling. Friction blades are also included.

#### APPLICATIONS

Damp and wet-location-rated ideal for indoor and outdoor use, shower, and other wet-location applications. IC-Rated and Air Tight and may be installed in direct contact with insulation.

#### DRIVER ELECTRICAL INFORMATION

Driver is rated for 50 to 60Hz at 120V/277V input, produces less than 20% THD, has a power factor between 90% and 100%, and is thermally protected for additional safety.

#### DIMMING & DRIVER INFORMATION

DIMTR - Triac & electronic low voltage (DIMTR-120) flicker-free dimming. Available in 120V. Dimmable down to 15% of initial lumens, standard.

#### WARRANTY

Five-year warranty for parts and components. (Labor not included)

#### LISTINGS

Energy Star  
cETLus  
Title 24  
JA8E  
RoHS  
IECC  
New York State

#### EXAMPLE: RL628-950L-DIMTR-120-27K/30K/35K/40K/50K-90-W-WH

| TYPE  | LUMEN                                   | CCT                                          | CRI                          | FINISH                              |
|-------|-----------------------------------------|----------------------------------------------|------------------------------|-------------------------------------|
| RL628 | <input type="checkbox"/> 950L-DIMTR-120 | <input type="checkbox"/> 27K/30K/35K/40K/50K | <input type="checkbox"/> 90+ | <input type="checkbox"/> W-WH-White |

#### ACCESSORY: GU24SA

| OPTIONS                                                           |
|-------------------------------------------------------------------|
| <input type="checkbox"/> GU24SA - SOCKET FOR LED RETROFIT TO GU24 |

\*Accessories order separate

#### EXAMPLE: HLD6IC-AT

| COMPATIBLE ELITE LIGHTING HOUSINGS                                                                  |                                                                                     |                                                                                                      |                                                                                       |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  <b>IC RATED</b> |  |  <b>IC RATED</b> |  |
| <input type="checkbox"/> LD6IC                                                                      | <input type="checkbox"/> LD6-AT                                                     | <input type="checkbox"/> LD6RIC-AT                                                                   | <input type="checkbox"/> LD6R-AT                                                      |
| <input type="checkbox"/> HLD6IC-AT                                                                  | <input type="checkbox"/> HLD6-AT                                                    | <input type="checkbox"/> HLD6RIC-AT                                                                  | <input type="checkbox"/> HLD6R-AT                                                     |
| <input type="checkbox"/> LD600IC-AT                                                                 | <input type="checkbox"/> B6-AT                                                      | <input type="checkbox"/> EZ6IC-AT                                                                    | <input type="checkbox"/> B6R-AT                                                       |
| <input type="checkbox"/> EZ6IC-AT                                                                   |                                                                                     | <input type="checkbox"/> B6RIC-AT                                                                    |                                                                                       |
| <input type="checkbox"/> B6IC-AT                                                                    |                                                                                     |                                                                                                      |                                                                                       |
| <input type="checkbox"/> B6IC-100-AT                                                                |                                                                                     |                                                                                                      |                                                                                       |
| <input type="checkbox"/> B600-IC                                                                    |                                                                                     |                                                                                                      |                                                                                       |

\*Housing order separate

**RL628-950L-DIMTR-120-27K-30K-35K-40K-50K-90-W-WH**

TEST NO.: **EL10071938**

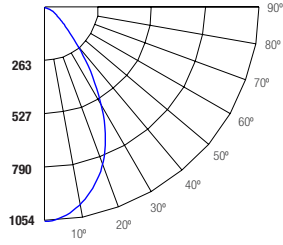
INPUT WATTS: **14.8**

LUMENS: **1272**

CRI: **90**

EFFICACY: **86**

CCT: **2700K**

SPACING CRITERIA: **0.98**
**Candle Power Distribution (Candelas)**

**Zonal Lumens Summary**

| Zone | Lumens  | %Lamp | %Fixt |
|------|---------|-------|-------|
| 0-20 | 360.76  | 28.4  | 28.4  |
| 0-30 | 698.8   | 54.9  | 54.9  |
| 0-40 | 978.33  | 76.9  | 76.9  |
| 0-60 | 1213.09 | 95.4  | 95.4  |
| 0-80 | 1270.72 | 99.9  | 99.9  |
| 0-90 | 1270.75 | 99.9  | 99.9  |

**Luminance (Average candela/M²)**

| Angle in Degrees | Average 0° | Average 45° | Average 90° |
|------------------|------------|-------------|-------------|
| 45               | 84024      | 86202       | 94693       |
| 55               | 46210      | 47355       | 51384       |
| 65               | 33217      | 34294       | 37428       |
| 75               | 8279       | 11401       | 17445       |
| 85               | 79         | 118         | 79          |

**Lumens Per Zone**

| Zone  | Lumens |
|-------|--------|
| 0-10  | 98.01  |
| 10-20 | 262.75 |
| 20-30 | 338.04 |
| 30-40 | 279.53 |
| 40-50 | 155.55 |
| 50-60 | 79.2   |
| 60-70 | 45.05  |
| 70-80 | 12.58  |
| 80-90 | 0.03   |

**Candela Tabulation**

| 0  |         |
|----|---------|
| 0  | 1051.54 |
| 5  | 1033.59 |
| 15 | 920.02  |
| 25 | 712.01  |
| 35 | 411.05  |
| 45 | 173.57  |
| 55 | 77.43   |
| 65 | 41.01   |
| 75 | 6.26    |
| 85 | 0.02    |
| 90 | 0.03    |

**Coefficients of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance 0.20

| Cone of Light           |                                  |                         |                          |
|-------------------------|----------------------------------|-------------------------|--------------------------|
| 2                       | 364                              | 2.2                     | 2.2                      |
| 4                       | 96.9                             | 4.2                     | 4.2                      |
| 6                       | 42.1                             | 6.4                     | 6.4                      |
| 8                       | 23.4                             | 8.5                     | 8.5                      |
| 10                      | 15.3                             | 10.6                    | 10.6                     |
| 12                      | 10.5                             | 12.7                    | 12.7                     |
| (FT.) Distance to Plane | (FC) Initial Footcandle at Nadir | (FT.) Beam Vert. Spread | (FT.) Beam Horiz. Spread |

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

|                   | RC | 80% |     |     |     | 70% |     |     |     | 50% |     |     |  | 30% |     |     |  | 10% |     |     |  | 0%  |
|-------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|--|-----|-----|-----|--|-----|
|                   |    | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% |  | 50% | 30% | 10% |  | 50% | 30% | 10% |  |     |
| ROOM CAVITY RATIO | 0  | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 | 102 | 102 |  | 100 |
|                   | 1  | 112 | 109 | 106 | 104 | 110 | 107 | 104 | 102 | 103 | 101 | 99  |  | 99  | 97  | 96  |  | 96  | 94  | 93  |  | 91  |
|                   | 2  | 105 | 100 | 95  | 91  | 103 | 98  | 94  | 90  | 95  | 91  | 88  |  | 92  | 89  | 86  |  | 89  | 86  | 84  |  | 82  |
|                   | 3  | 99  | 91  | 85  | 81  | 97  | 90  | 84  | 80  | 87  | 83  | 79  |  | 85  | 81  | 77  |  | 82  | 79  | 76  |  | 74  |
|                   | 4  | 93  | 84  | 77  | 72  | 91  | 83  | 77  | 72  | 80  | 75  | 71  |  | 78  | 74  | 70  |  | 76  | 73  | 69  |  | 68  |
|                   | 5  | 87  | 77  | 71  | 66  | 85  | 76  | 70  | 65  | 75  | 69  | 65  |  | 73  | 68  | 64  |  | 71  | 67  | 63  |  | 62  |
|                   | 6  | 82  | 72  | 65  | 60  | 80  | 71  | 64  | 60  | 69  | 63  | 59  |  | 68  | 63  | 59  |  | 66  | 62  | 58  |  | 57  |
|                   | 7  | 77  | 67  | 60  | 55  | 76  | 66  | 59  | 55  | 65  | 59  | 54  |  | 63  | 58  | 54  |  | 62  | 57  | 54  |  | 52  |
|                   | 8  | 73  | 62  | 55  | 51  | 72  | 61  | 55  | 50  | 60  | 54  | 50  |  | 59  | 54  | 50  |  | 58  | 53  | 50  |  | 48  |
|                   | 9  | 69  | 58  | 51  | 47  | 68  | 58  | 51  | 47  | 56  | 51  | 47  |  | 56  | 50  | 46  |  | 55  | 50  | 46  |  | 45  |
|                   | 10 | 65  | 54  | 48  | 44  | 64  | 54  | 48  | 43  | 53  | 47  | 43  |  | 52  | 47  | 43  |  | 51  | 47  | 43  |  | 42  |

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance