

## LC35W75-400 DALI NFC

Make: KGP

### General Benefits

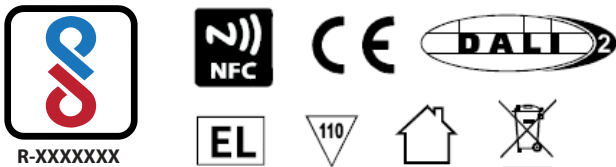
DC Output current setting from 75-400 mA  
via NFC  
DALI-2 DT6  
Flicker Free and smooth dimming light output  
Constant lumen output  
1% - 100% Dimming Range  
Linear Shape with Metal Body Housing  
High Efficiency & Low PF  
Life upto 1,00,000 Hrs  
5 Years Warranty



### Application

Linear Lights

### Approvals



Lucevita LED Power supply are with high reliability in linear housing having best surge protection, THD, Ripple Current in the industry.

Drivers generally used in Linear or customized profile light application luminaires for residential, retail and Office space lighting .

# Constant Current Linear DALI Dimmable

## Product Specification Sheet

www.lucevita.in

### LC35W75-400 DALI NFC

#### Parameters

| Category       | Item                                | Technical Norm   |
|----------------|-------------------------------------|--|
| Features       | Output Type                         | Constant Current   |
|                | Dimming Type                        | Amplitude Modulation   |
|                | Output current setting              | Near field communication (NFC)   |
|                | Output Features                     | Non-Isolation  |
|                | CLO                                 | Constant Lumen Output  |
|                | IP Grade                            | IP20   |
|                | Insulation Class                    | Class I  |
| Input          | Rated Input Voltage                 | 220-240VAC   |
|                | Range of Input Voltage              | 198-264VAC   |
|                | Range of DC Input Voltage           | 176-280VDC   |
|                | Frequency                           | 50/60Hz  |
|                | Input Current                       | ≤0.3A max  |
|                | Input Power                         | ≤42W max   |
|                | Power Factor                        | ≥0.95 (230VAC, full load)  |
|                | THD                                 | ≤10% (230VAC, full load)   |
|                | Standby Power Consumption           | ≤0.3W @230VAC (DALI system DIM to off)   |
|                | Inrush Current                      | ≤17A/170us (230VAC, full load)   |
| Output         | Connected quantity of 16A Breaker   | ≥28pcs/type B  |
|                | Output Voltage Range                | 54-240VDC  |
|                | No Load Voltage                     | 260VDC Max.  |
|                | Output Current                      | 75-400mA (by NFC setting)  |
|                | Max. Output Power                   | 38W  |
|                | Efficiency                          | ≥93% (230VAC, full load)   |
|                | Output LF current ripple (< 120 Hz) | ±1% (Imax-Imin) / (Imax+Imin)  |
|                | Current Accuracy                    | ±3%  |
|                | Output PstLM (at full load)         | ≤1   |
|                | Output SVM (at full load)           | ≤0.4   |
|                | Starting Time(AC mode)              | ≤0.5S (230VAC, full load, without DALI system)   |
|                | Starting Time(DC mode)              | ≤1S (230VAC, full load, by DALI system)  |
|                | Switching over time(AC/DC)          | ≤0.4S  |
| Control Method | PUSH dimming                        | PUSH dimming (Max. lead wire length : 20m,same port of DALI)   |
|                | DALI function                       | DALI dimming (Max. lead wire length : 30m) logarithm or linear dimming curve selectable  |
|                | Dimming range                       | DALI dimming: 1%-100%  |
|                | NFC current setting                 | The output current can be set within the total value range in 1-mA-steps. Output current is mean value. Setting is by KGP's software APP/APK/PC with FEIG equipment or mobile phone. |
|                |                                     |  |
| Protection     | Short Circuit Protection            | Auto Recovery  |
|                | Overload Protection                 | Auto Recovery (not be hot swap)  |
|                | No-load Protection                  | Auto Recovery  |
|                | Insulation voltage                  | 3000V 5mA 60S between P-S,1500V 5mA 60S between P-E  |
|                | Insulation resistance               | >100M ohm @ 500VDC   |
|                | Leakage current                     | < 250μA, I/P to O/P or I/P to PE @230V input   |
|                | Ta/Operation Temperature            | -25.....+60° C   |
| Environment    | Ts/Storage Temperature              | -40.....+80° C   |
|                | Tc/Enclosure Temperature            | 85° C  |
|                | Humidity                            | 10%.....90%RH  |
|                | Atmosphere                          | 86-108KPa  |
| Construction   | Connection Method                   | Push-in Terminal   |
|                | Installation                        | Built-in   |
|                | PRI Wire preparation                | 0.5-1.5 / 8-9mm  |
|                | SEC Wire preparation                | 0.5-1.5 / 8-9mm  |
|                | DALI Wire preparation               | 0.5-1.5 / 8-9mm  |
|                | Dimension                           | 280*30*21mm (L*W*H)  |

# Constant Current Linear DALI Dimmable

## Product Specification Sheet

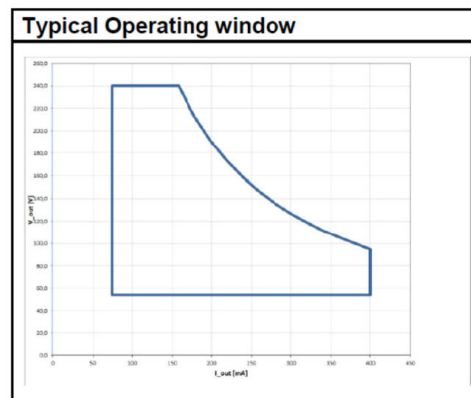
www.lucevita.in

## LC35W75-400 DALI NFC

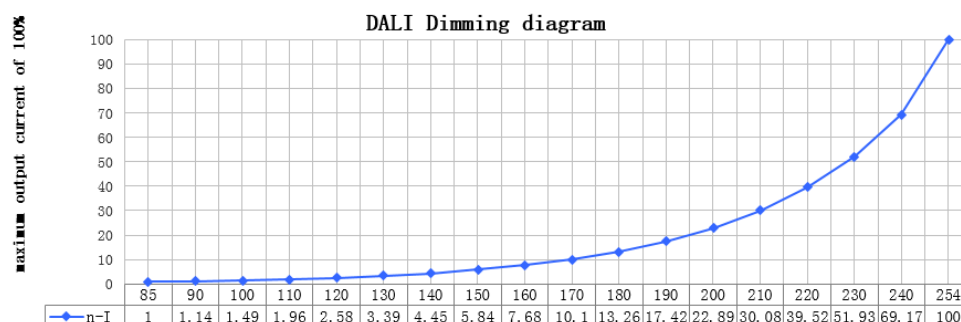
### Parameters

| Category  | Item                             | Technical Norm   |
|-----------|----------------------------------|--|
| Standards | Certification                    | CE   |
|           | Safety Standards                 | EN61347-1, EN61347-2-13, EN62384   |
|           | EMC Standards                    | EN55015, EN61000-3-2, EN61000-3-3, EN61547   |
|           | Performance                      | EN62384  |
|           | DALI performance                 | EN 62386-101 (DALI-2)  |
|           |                                  | EN 62386-102 (DALI-2)  |
|           |                                  | EN 62386-207 (DALI-2, including part 251, 252, 253)  |
|           | NFC RF                           | IEC 15963  |
| Others    | Emergency escape lighting system | According to EN 50172 for use in central battery systems<br>According to EN 60598-2-22 suitable for emergency lighting installations |
|           | Surge                            | L-N/1KV (L/N)-PE/2KV   |
|           | RoHS                             | 2011/65/EU   |
|           | Life Time                        | 50000h @Ta / Tc, 100000h@Ta=50° C/Tc=75° C, F.R. < 10%   |
|           | Warranty                         | 5years   |

### Output Power Window



### DALI Dimming Curve



**LUCE VITA**  
*illuminating intelligently*

## LC35W75-400 DALI NFC

1. All Parameters, if not specified, are measured at 230VAC/50Hz and 25°C ambient temperature.
2. LED Driver is a component of the luminaires, Luminaires and wire layout will affect the EMC, please check the EMC with end products again.
3. Warranty Mentioned is a limited warranty only to the original purchaser or to the first user @ Tc max from the date of manufacturing when properly installed and operated under normal conditions of use.
4. Please refer our website for details warranty conditions.
5. For further details, kindly refer our website. [www.lucevita.in](http://www.lucevita.in), or email [info@lucevita.in](mailto:info@lucevita.in).