# Technical Information Bulletin

| Date:                     |  |
|---------------------------|--|
| In hands date of project: |  |
| Project name/Number:      |  |
| Name of distributor:      |  |
| Client #:                 |  |
| Name of end user:         |  |

### **ORDERING INFORMATION**

| Order code:            | 65599                       |
|------------------------|-----------------------------|
| Description:           | LED/CL14/25W/27K/FM/RND/STD |
| UPC:                   | 69549655997                 |
| Case quantity:         | 1                           |
| Luminaire description: | Round LED Ceiling Luminaire |

### FEATURES AND SPECIFICATIONS

| Lens type:                              | Frosted Polycarbonate   |
|---|---|
| Lens benefits:                          | Easy to install twist and lock diffuser   |
| Housing:                                | Simple, functional and low profile design.  |
| Applications:                           | Ideal for use in closets, utility areas, hallways, bedrooms, offices & various residential and commercial applications. |
| Benefits compared to Traditional Light: | Uses less energy than fluorescent lights, lasts longer and is maintenance free.   |



For a complete list of ENERGY STAR qualified products, please visit www.standardpro.com

CAN ICES-005 (B) / NMB-005 (B) - This lighting equipment complies with Canadian standard ICES-005 for use in residential applications.

#### **FIXTURE PERFORMANCE**

| Wattage (W):              | 24                        |
|---------------------------|---------------------------|
| Colour temperature (K):   | 2 700                     |
| CRI:                      | 80                        |
| Average life in hours:    | 50 000                    |
| Lumens:                   | 1 700                     |
| Efficacy with lens (LPW): | 70                        |
| Voltage (V):              | 120                       |
| Hertz (Hz):               | 60                        |
| 5                         |                           |
| Input current (mA):       | 210                       |
| Beam angle:               | 90°                       |
| Mounting:                 | Surface Mount/Flush-mount |

#### **POWER FACTOR (PF)**

0.95

### TOTAL HARMONIC DISTORTION (THD)

< 20 %

### AMBIENT OPERATING TEMPERATURES

-20°C/-4°F to 45°C/113°F

### **COMPATIBLE DIMMER LIST**

COOPER: DAL06P, SAL06P and SLC03P LEVITON: Decora – 6674 and Illuma Tech IPL06 LUTRON: Maestro MACL-153P, Diva DVCL-153P, Contour CTCL-153P

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# LED Ceiling Luminaires



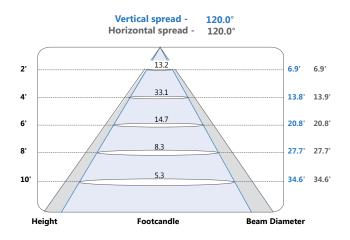
# **Technical Information Bulletin**

## LED Ceiling Luminaires

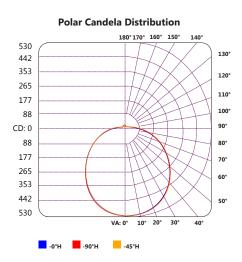
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#### **PHOTOMETRICS - BEAM SPREAD\***



### **PHOTOMETRICS - CANDELA DISTRIBUTION\***



#### **PHOTOMETRICS - COEFFICIENTS OF UTILIZATION (ZONAL CAVITY METHOD)\***

|        |      |      |           |      |      |      |       |    | Ef   | fectiv | e Flo | or C | avity R | eflec  | tand | e: 2 | 0%  |
|--------|------|------|-----------|------|------|------|-------|----|------|--------|-------|------|---------|--------|------|------|-----|
| RCC %: |      | 8    | 0         |      |      | 70   | 7     |    |      | 50     |       |      | 30      |        | 10   |      | 0   |
| RW %:  | 70   | 50   | <u>30</u> | 0    | 70   | 50   | 30    | 0  | 50   | 30     | 20    | 50   | 30 20   | 50     | 30   | 20   | 0   |
| RCR: 0 | 1.17 | 1.17 | 1.17      | 1.17 | 1.13 | 1.13 | 1.13. | 90 | 1.06 | 1.06   | 1.06  | .99  | .99.9   | 9 .93  | .93  | .93  | .90 |
| 1      | 1.04 | .99  | .94       | .89  | 1.00 | .95  | .91.  | 72 | .89  | .86    | .82   | .84  | .81.7   | 3.78   | .76  | .74  | .71 |
| 2      | .94  | .85  | .77       | .71  | .90  | .82  | .75 . | 59 | .77  | .71    | .66   | .72  | .67.6   | 3 .68  | .64  | .60  | .58 |
| 3      | .85  | .74  | .65       | .58  | .82  | .72  | .64.  | 49 | .67  | .60    | .55   | .63  | .57.5   | 3 . 59 | .54  | .50  | .48 |
| 4      | .78  | .65  | .56       | .49  | .75  | .63  | .55.  | 42 | .59  | .52    | .46   | .56  | .50.4   | 5 .53  | .47  | .43  | .40 |
| 5      | .72  | .58  | .49       | .42  | .69  | .56  | .48.  | 36 | .53  | .45    | .40   | .50  | .43.3   | 3 .47  | .42  | .37  | .35 |
| 6      | .66  | .52  | .43       | .36  | .63  | .51  | .42.  | 32 | .48  | .40    | .35   | .45  | .39.3   | 3 .43  | .37  | .32  | .30 |
| 7      | .61  | .47  | .38       | .32  | .59  | .46  | .37.  | 28 | .43  | .36    | .30   | .41  | .34.3   | .39    | .33  | .29  | .26 |
| 8      | .57  | .43  | .34       | .28  | .55  | .42  | .34.  | 25 | .40  | .32    | .27   | .38  | .31.2   | 5.36   | .30  | .26  | .23 |
| 9      | .53  | .39  | .31       | .25  | .51  | .38  | .30.  | 23 | .36  | .29    | .24   | .35  | .28.2   | 4 .33  | .27  | .23  | .21 |
| 10     | .50  | .36  | .28       | .23  | .48  | .35  | .28.  | 21 | .34  | .27    | .22   | .32  | .26.2   | 1.31   | .25  | .21  | .19 |

#### CAN ICES-005 (B) / NMB-005 (B)

This lighting equipment complies with Canadian standard ICES-005; for use in commercial applications.

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# LED Ceiling Luminaires

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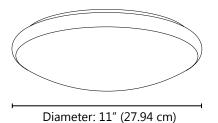
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#### DIMENSIONS

| Length:   | 11" (27.94 cm)  |
|-----------|-----------------|
| Diameter: | 11" (27.94 cm)  |
| Width:    | -               |
| Depth:    | 4.13" (10.5 cm) |

Drico

#### **TECHNICAL DRAWINGS**



#### WARNINGS

- Installation and maintenance must be performed by licensed electricians only.
- To avoid risk of electric shock, make sure to turn off main power switch prior to installation or maintenance.
- Must be installed in compliance with Canadian Electrical Code in Canada or National Electrical Code (NEC) in the US.
- Make sure input voltage and frequency are compatible with the fixture. Check installation guide for power requirements prior to installation.

#### WARNING - Risk of electric shock. Suitable for damp locations.

Description

| QU              | Description                                  | FILCE            |  |
|-----------------|--|------------------|--|
|                 |  |                  |  |
| I accept the sp | pecifications of the luminaire configuration | mentioned above. |  |
| Name:           |  |                  |  |
| Company:        |  |                  |  |
| Signature:      |  | Date:            |  |

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