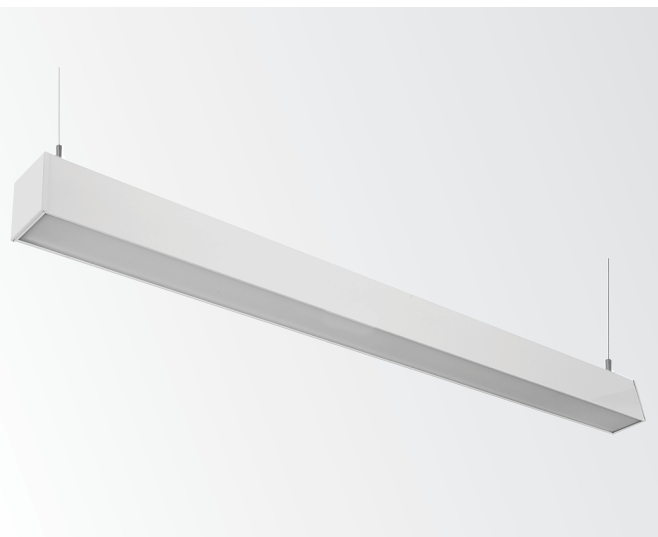


Project: \_\_\_\_\_ Type: \_\_\_\_\_  
 Drawn by: \_\_\_\_\_ Catalogue #: \_\_\_\_\_ Date: \_\_\_\_\_



## KOLIKA - L1KOU

### LED LINEAR SUSPENDED

Continuous run from 2' to 100'

Optional Emergency Remote

The Kolika is a robust LED luminaire that offers a high-power source that is ideal for work and commercial spaces. The Kolika series allows you to achieve a consistently simple and elegant look throughout a space, without compromising the efficiency.

#### FEATURES AND SPECIFICATIONS

##### • Construction

###### Housing

The body is made of extruded aluminium

###### Lens

Opal acrylic frosted lens diffuses light evenly

###### Finishes

Matte silver, semi-gloss white, matte black finish standard and other special colour option available upon request

##### • Installation

Comes with 6' of aircraft cable, power cable and a canopy. For power cable and canopy colours, please refer to the ordering guide. Various lengths of aircraft cable available as options.

##### • Specifications

###### Driver options

- DIM1 - 0-10 V dimming standard
- DIM2 - Line voltage driver 120 V as an option
- DALI1 - Digital addressable lighting interface driver as an option (Not available in 347 V)
- Ambient temperature: -20°C ~ +50°C

##### • Optional Emergency Lighting

###### LINK Normally ON Emergency Remote LED Linear Suspended

- Consuming 11 W, 12 -24 V DC
- 200 mA constant current
- Delivers 847 - 908 lumens in emergency mode
- Ease of maintenance when used with Stanpro emergency lighting battery units complete with auto test function
- Complements Stanpro's normally ON LED linear suspended family
- Patent pending

*Please view the LINK specification section for more details on this technology*

##### • Emergency Lighting Compliances

- CSA certified as a C22.2 C141-15 emergency lighting luminaire
- Meets ICES-005 requirements

##### • General Lighting Compliances

- cCSAUS
- ICES-005 for Class A products
- Suitable for damp locations



ICES  
005



<sup>1</sup> 5 year warranty for the LINK module.

#### OVERVIEW

|                                                       |                            |
|-------------------------------------------------------|----------------------------|
| Light source                                          | LED                        |
| Watts (W) <sup>1</sup>                                | 13.6 - 36.5                |
| Lumen output (lm/ft)                                  | 320 - 850                  |
| Efficiency (lm/W)                                     | 93.15 - 94.12              |
| Color temperature (K)                                 | 3 000, 3 500, 4 000, 5 000 |
| CRI                                                   | 90+                        |
| Weight (lbs/ft)                                       | 2.9                        |
| Time (t) at which to estimate lumen maintenance (hrs) | 50 000                     |
| Lumen maintenance at time (t) (%)                     | 88.47                      |
| Calculated L70 (hrs)                                  | 150 000                    |
| Reported L70 (hrs)                                    | >90 000                    |

<sup>1</sup> Information base on 48" fixture.

## ORDERING GUIDE

L1KOU — L 90 — / — /

| Series | Size <sup>1</sup>                                                                                                                                                                                                                    | Lamp type | Lumen package (lm/ft)                        | CRI      | Volts (V)                         | Color temp. (K)                                          | Casting color                                                           | Power cable finish                   | Canopy finish                        | Options                                                                                                                                                                                                                                                                                                                                         |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------|----------|-----------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L1KOU  | 02 - 2'<br>03 - 3'<br>04 - 4'<br>05 - 5'<br>06 - 6'<br>07 - 7'<br>08 - 8'<br>09 - 9'<br>10 - 10'<br>11 - 11'<br>12 - 12'<br>13 - 13'<br>14 - 14'<br>15 - 15'<br>16 - 16'<br>17 - 17'<br>18 - 18'<br>19 - 19'<br>20 - 20'<br>21 - 21' | L - LED   | S1 - 320<br>S2 - 425<br>S3 - 642<br>S4 - 850 | 90 - 90+ | A - 120<br>W - 120-277<br>H - 347 | 30K - 3 000<br>35K - 3 500<br>40K - 4 000<br>50K - 5 000 | S - Silver<br>W - White<br>B - Black<br>SP <sup>6</sup> - Special color | S - Silver<br>W - White<br>B - Black | S - Silver<br>W - White<br>B - Black | DIM2 - Line voltage driver 120 V<br>DALI1 - Digital adressable lighting interface driver (Not available in 347 V)<br>L - Aviation cable and wire (6' standard)<br>EL1 <sup>2,5</sup> - 1 LINK Normally ON emergency remote<br>EL2 <sup>3,5</sup> - 2 LINK Normally ON emergency remote<br>EL <sup>4,5</sup> - LINK Normally ON emergency remote |

<sup>1</sup> For lengths longer than 21', please consult factory.<sup>2</sup> EL1 LINK Normally On option for lengths 2' to 8', only up to 4' lighted up in emergency mode.<sup>3</sup> EL2 LINK Normally On option for lengths 5' to 8', full length lighted up in emergency mode.<sup>4</sup> EL LINK Normally On emergency option for lengths greater than 8' consult factory.<sup>5</sup> Please check LINK Technical Specifications Table for delivery lumens with /EL option.<sup>6</sup> For custom color, please consult factory.

When in emergency mode, luminaire only consumes 11 W.

For emergency lighting spacing, please see page 5.

## LINK SPECIFICATION TABLE

| Lumen package | LINK Watts (w/ft) | 3 000 K                   | 3 500 K                   | 4 000 K                   | 5 000 K                   |
|---------------|-------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|               |                   | LINK lumen output (lm/ft) | LINK lumen output (lm/ft) | LINK lumen output (lm/ft) | LINK lumen output (lm/ft) |
| S1            | 4                 | 219.14                    | 219.14                    | 221.33                    | 221.33                    |
| S2            | 5                 | 222.54                    | 222.54                    | 224.79                    | 227.02                    |
| S3            | 7                 | 212.83                    | 212.83                    | 214.96                    | 217.09                    |
| S4            | 9                 | 211.87                    | 211.87                    | 213.99                    | 216.10                    |

\* Data based on 80CRI fixtures

## COMPATIBLE DIMMERS

| Brand   | Model number                                                                                                                              |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Lutron  | Visit <a href="http://www.lutron.com/advance">www.lutron.com/advance</a> for a list of dimmers (Mark VII) that will work with this driver |
| Leviton | IllumaTech IP7 series                                                                                                                     |
| Philips | Sunrise - SR1200ZTUNV                                                                                                                     |

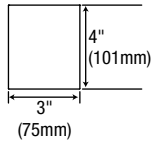
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.  
All products are subject to change or may be discontinued any time without notice.

DIMENSIONS

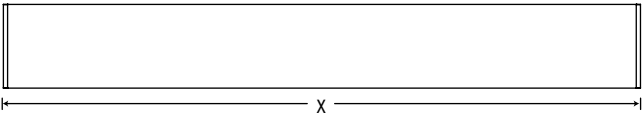
| Fixture lenght L1K0U |        |              |
|----------------------|--------|--------------|
| Size <sup>1</sup>    | Metric | Imperial     |
| 02'                  | 616    | 2' 1/4"      |
| 03'                  | 914    | 3'           |
| 04'                  | 1 212  | 3' 11 3/4"   |
| 05'                  | 1 511  | 4' 11 1/2"   |
| 06'                  | 1 809  | 5' 11 1/4"   |
| 07'                  | 2 108  | 6' 11"       |
| 08'                  | 2 406  | 7' 10 3/4"   |
| 09'                  | 2 715  | 8' 10 15/16" |
| 10'                  | 3 013  | 9' 10 5/8"   |
| 11'                  | 3 312  | 10' 10 7/16" |
| 12'                  | 3 610  | 11' 10 1/8"  |
| 13'                  | 3 914  | 12' 10 1/8"  |
| 14'                  | 4 212  | 13' 9 13/16" |
| 15'                  | 4 510  | 14' 9 5/8"   |
| 16'                  | 4 809  | 15' 9 5/16"  |
| 17'                  | 5 112  | 16' 9 5/16"  |
| 18'                  | 5 411  | 17' 9"       |
| 19'                  | 5 709  | 18' 8 13/16" |
| 20'                  | 6 008  | 19' 8 1/2"   |
| 21'                  | 6 311  | 20' 8 1/2"   |

<sup>1</sup> Over 21 feet, consult factory

FRONT VIEW



SIDE VIEW



Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.  
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# LINK

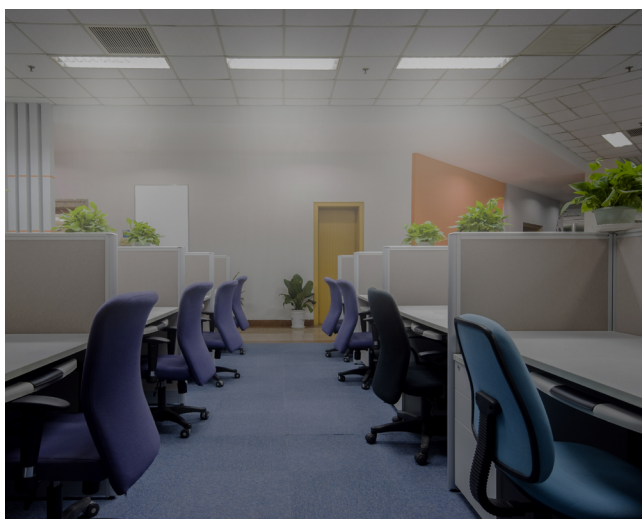
## NORMALLY ON EMERGENCY REMOTE LUMINAIRE

This luminaire can be used with an emergency backup powered by either a 12 V or 24 V DC Stanpro battery unit, complete with or without auto test.

### NORMAL MODE



### EMERGENCY MODE



### TYPICAL SPECIFICATION

Supply and install Stanpro LINK \_\_\_\_\_ ft, LED linear suspended, Model number: \_\_\_\_\_ remote normally ON emergency luminaire, CSA C22.2 141-15 certified and meet the requirements prescribed by ICES-005. Normally ON when AC is present and when connected to a Stanpro battery unit complete with or without auto test, the luminaire shall act as an emergency lighting remote and consume 11 W of DC power in \_\_\_\_\_ V producing 997 - 1 068 lumens in emergency mode.

The remote normally ON emergency luminaire shall be powered by a Stanpro emergency lighting battery unit as described herein and shown on the drawings. The Stanpro auto diagnostic micro-controller board shall supply the rated load for a minimum of a 1/2 hour to 87.5% of the rated battery voltage. The unit shall be rated 120 V, 277 V or 347 V, 60 Hz and be CSA listed. The unit shall have an output of: \_\_\_\_V and \_\_\_\_W. The charge voltage factory set to  $\pm 1\%$  tolerance. High efficiency, rapid recovery, precision control charging system shall be employed to promote long battery life and reduce the potential for grid corrosion. The charger shall provide a continuous high charge to recharge the battery, when the battery is at full capacity, the charger will shut-off. Periodically the charger shall provide a pulse of energy to keep the battery topped off. The pulse charger shall be precisely regulated and shall charge the battery in relation to its temperature, state or charge and input voltage fluctuations. The charger shall be current limited, temperature compensated, short-circuit proof and reverse polarity protected. The unit shall be furnished with an electronic lockout circuit, which will connect the battery when the AC circuit is activated, and an electronic brownout circuit, which will activate the emergency lights when utility power dips below 75% of nominal voltage. A low voltage battery protection circuit shall be provided and will disconnect the load when the battery reaches the end of discharge.

The automated testing performed by the Stanpro auto test system has been designed to comply with all of the requirements of the National Fire Code. Every month, a 5 minute discharge and diagnostic test checks the operational status of the unit. Every 12 months, this test is extended to the full 30 minute, code required duration. This ensures that the battery charger is recharging the battery in accordance with code requirements.

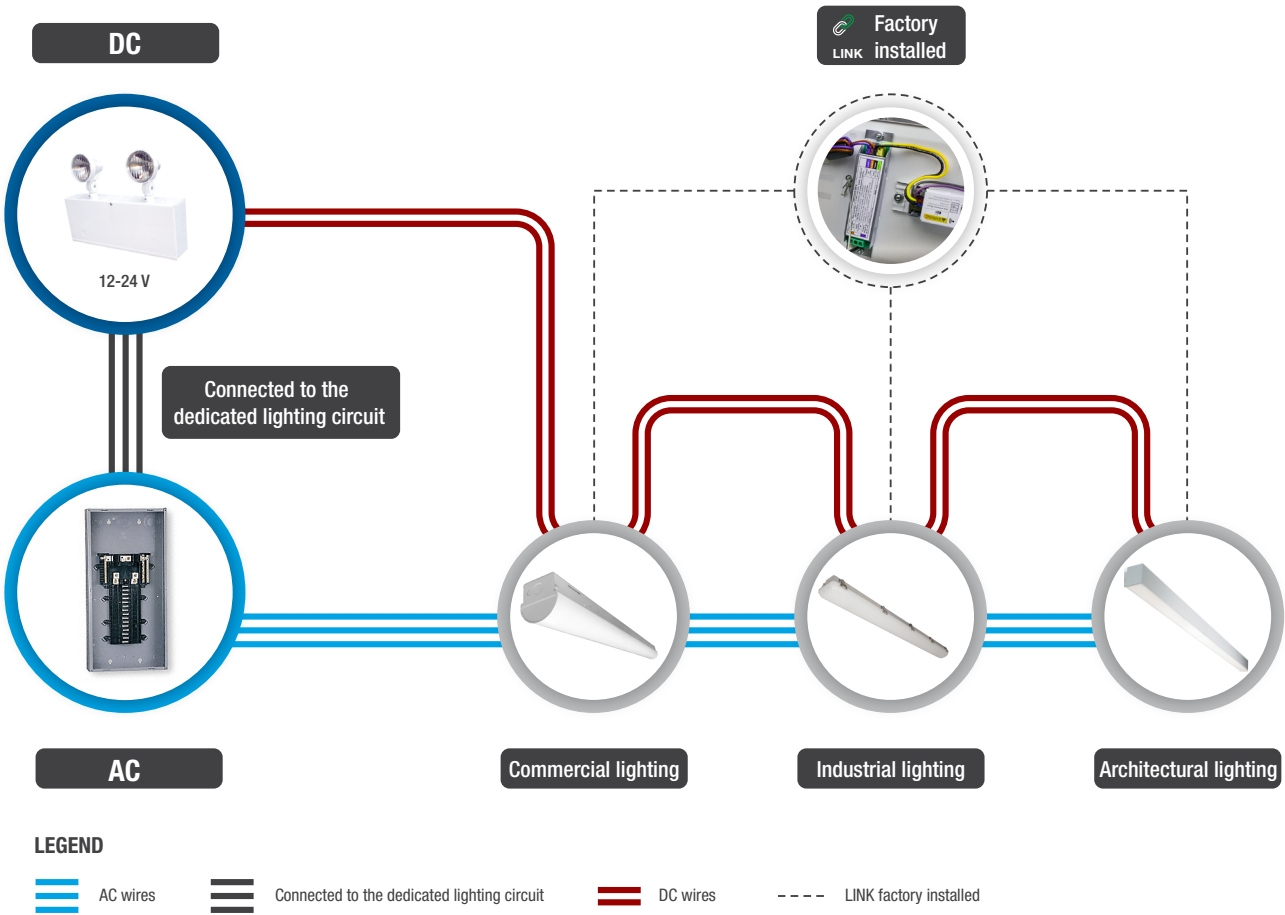
The unit shall be Stanpro model: SL\_ \_\_\_\_\_

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LINK  
NORMALLY ON EMERGENCY REMOTE LUMINAIRE

LINK Wiring Diagram

LINK  
remote  
normally ON  
emergency lighting  
luminaire



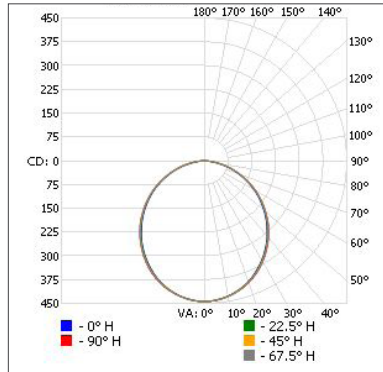
| Emergency mode | Spacing                                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------------------------------|
| L1KOU          | Average spacing for 1 out of every 4 luminaires, normally ON in the path of egress, when at 8, 10, or 12 foot mounting heights. |

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.  
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GENERAL LIGHTING PHOTOMETRIC DATA<sup>1</sup>

L1KOU-04LS190-XX-40K • 1 223.2 lm

## Polar candela distribution



## Zonal lumen summary

| Zone   | Lumens  | % Fixture |
|--------|---------|-----------|
| 0-30   | 339.9   | 27.8      |
| 0-40   | 552.7   | 45.2      |
| 0-60   | 966.2   | 79        |
| 60-90  | 257.1   | 21        |
| 70-100 | 108.9   | 8.9       |
| 90-120 | 0       | 0         |
| 0-90   | 1 223.2 | 100       |
| 90-180 | 0       | 0         |
| 0-180  | 1 223.2 | 100       |

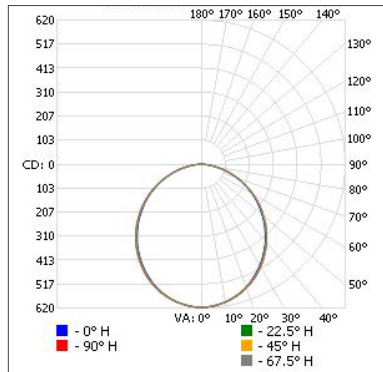
## Illuminance at a distance

| Center beam fc |       | Beam width |       |
|----------------|-------|------------|-------|
| 2.0'           | 111.1 | 5.5'       | 5.7'  |
| 4.0'           | 27.8  | 10.9'      | 11.3' |
| 6.0'           | 12.3  | 16.4'      | 17.0' |
| 8.0'           | 6.9   | 21.9'      | 22.7' |
| 10.0'          | 4.4   | 27.4'      | 28.4' |

Vert. spread: 107.7°  
 Horiz. spread: 109.6°

L1KOU-04LS290-XX-40K • 1 698.9 lm

## Polar candela distribution



## Zonal lumen summary

| Zone   | Lumens  | % Fixture |
|--------|---------|-----------|
| 0-30   | 472.0   | 27.8      |
| 0-40   | 767.6   | 45.2      |
| 0-60   | 1 341.9 | 79        |
| 60-90  | 357.0   | 21        |
| 70-100 | 151.3   | 8.9       |
| 90-120 | 0       | 0         |
| 0-90   | 1 698.9 | 100       |
| 90-180 | 0       | 0         |
| 0-180  | 1 698.9 | 100       |

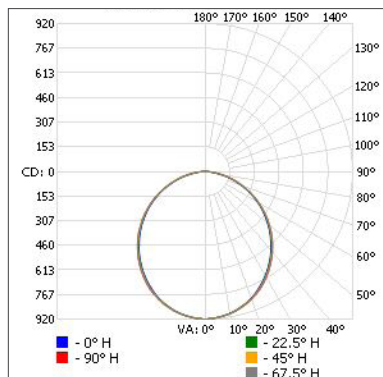
## Illuminance at a distance

| Center beam fc |       | Beam width |       |
|----------------|-------|------------|-------|
| 2.0'           | 154.2 | 5.5'       | 5.7'  |
| 4.0'           | 38.6  | 10.9'      | 11.3' |
| 6.0'           | 17.1  | 16.4'      | 17.0' |
| 8.0'           | 9.6   | 21.9'      | 22.7' |
| 10.0'          | 6.2   | 27.4'      | 28.4' |

Vert. spread: 107.7°  
 Horiz. spread: 109.6°

L1KOU-04LS390-XX-40K • 2 531.4 lm

## Polar candela distribution



## Zonal lumen summary

| Zone   | Lumens  | % Fixture |
|--------|---------|-----------|
| 0-30   | 703.3   | 27.8      |
| 0-40   | 1 143.7 | 45.2      |
| 0-60   | 1 999.4 | 79        |
| 60-90  | 532.0   | 21        |
| 70-100 | 225.4   | 8.9       |
| 90-120 | 0       | 0         |
| 0-90   | 2 531.4 | 100       |
| 90-180 | 0       | 0         |
| 0-180  | 2 531.4 | 100       |

## Illuminance at a distance

| Center beam fc |       | Beam width |       |
|----------------|-------|------------|-------|
| 2.0'           | 229.8 | 5.5'       | 5.7'  |
| 4.0'           | 57.5  | 10.9'      | 11.3' |
| 6.0'           | 25.5  | 16.4'      | 17.0' |
| 8.0'           | 14.4  | 21.9'      | 22.7' |
| 10.0'          | 9.2   | 27.4'      | 28.4' |

Vert. spread: 107.7°  
 Horiz. spread: 109.6°

<sup>1</sup> Complete IES files available on our website.

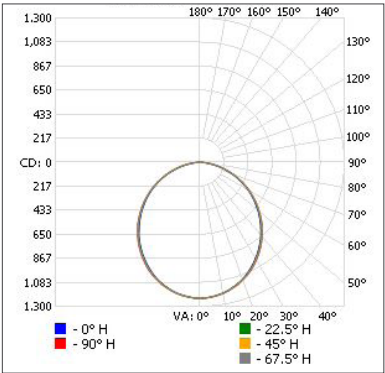
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GENERAL LIGHTING PHOTOMETRIC DATA<sup>1</sup>

L1KOU-04LS490-XX-40K • 3 380.8 lm

Polar candela distribution



Zonal lumen summary

| Zone   | Lumens  | % Fixture |
|--------|---------|-----------|
| 0-30   | 939.3   | 27.8      |
| 0-40   | 1 527.6 | 45.2      |
| 0-60   | 2 670.4 | 79        |
| 60-90  | 710.5   | 21        |
| 70-100 | 301.0   | 8.9       |
| 90-120 | 0       | 0         |
| 0-90   | 3 380.8 | 100       |
| 90-180 | 0       | 0         |
| 0-180  | 3 380.8 | 100       |

Illuminance at a distance

| Center beam fc |       | Beam width |       |
|----------------|-------|------------|-------|
| 2.0'           | 307.0 | 5.5'       | 5.7'  |
| 4.0'           | 76.7  | 10.9'      | 11.3' |
| 6.0'           | 34.1  | 16.4'      | 17.0' |
| 8.0'           | 19.2  | 21.9'      | 22.7' |
| 10.0'          | 12.3  | 27.4'      | 28.4' |

■ Vert. spread: 107.7°  
■ Horiz. spread: 109.6°

<sup>1</sup> Complete IES files available on our website.

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