



Innovation & Quality

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4ft Glass LED Tube With Plastic Coating (UL Type A+B)

Double End Power Input & Single End Power Input



| Item Number               | Type | Wattage (W) | Length (ft) | CCT (Kelvin) | Luminous flux (lm) | CRI (Ra) | Beam Angle (Degree) | Input Voltage | Dimming |
|---------------------------|------|-------------|-------------|--------------|--------------------|----------|---------------------|---------------|---------|
| SYHU-T8GABBEUL1215PM-40-A | A+B  | 15          | 4           | 4000 K       | 2200lm             | >80      | > 220°              | 120-277V      | NO      |
| SYHU-T8GABBEUL1215PM-50-A | A+B  | 15          | 4           | 5000 K       | 2200m              | >80      | > 220°              | 120-277V      | NO      |

\*\* Double End Power Input & Single End Power Input

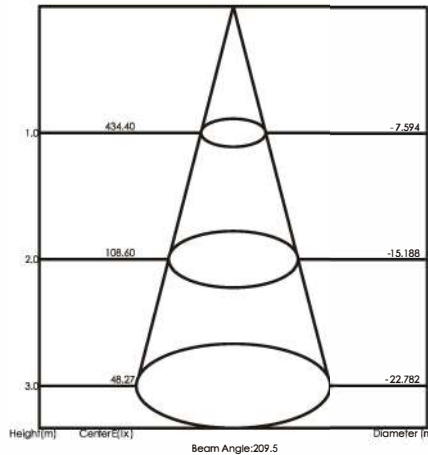
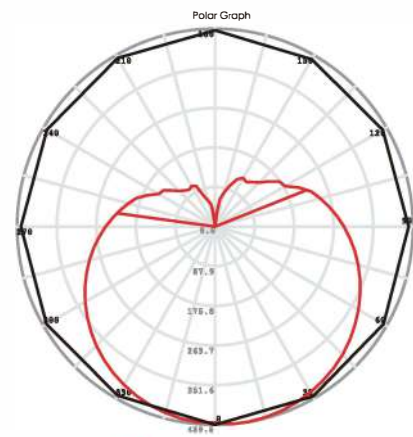
### Electrical and Photometric Characteristics

|                  |                              |                   |                      |              |            |                         |                                  |                                  |
|------------------|------------------------------|-------------------|----------------------|--------------|------------|-------------------------|----------------------------------|----------------------------------|
|                  |                              |                   |                      |              |            |                         |                                  |                                  |
| Base Type<br>G13 | Nominal Voltage<br>120V-277V | IP Rating<br>IP20 | Power Factor<br>>0.9 | Non-dimmable | CRI<br>>80 | Starting Time<br><1.0 s | Lumen Maintenance<br>50,000Hours | Operating Temp.<br>°20-C ~ °45+C |

### Luminous Intensity Distribution Diagram

2D Light Intensity Distribution Curve

4ft 5000K 15W 2200LM Type A+B



|                 |     |          |                |
|-----------------|-----|----------|----------------|
|                 |     |          |                |
| 4000 K / 5000 K | G13 | 50,000 H | 220° BEAMANGLE |

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|



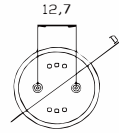
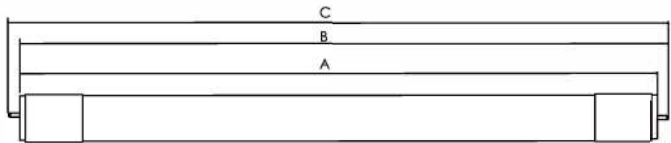
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**Dimension Diagram**



| Maximum overall length (mm) | 2ft | 4ft  |
|-----------------------------|-----|------|
| A                           | 588 | 1198 |
| B                           | 595 | 1205 |
| C                           | 603 | 1213 |

**Ballast List For T8 LED TUBE**

- 1.Our tubes can be compatible with the ballasts listed below,if you intend to install ballast compatible tube with ballasts not be listed below, risk of damage or losses may occur.We disclaim liability for any damage or losses by not following the instructions in this document.
- 2.We are testing more and more ballasts and will update this list all the time.If you do not see your ballast on the list,please contact us.

**Ballast List for Type A+B**

| <b>ACCUPRO</b>           |                        |
|--------------------------|------------------------|
| 1                        | AP-432IP-UNV           |
| 2                        | AP-332IP-UNV-M         |
| <b>ADVANCE</b>           |                        |
| 1                        | IOPA-4P32-LW-N         |
| <b>ESPEN</b>             |                        |
| 1                        | VE232MVHIPL            |
| 2                        | VE232MVHIPE            |
| 3                        | VE432MVHIPE            |
| 4                        | VE432MVHIPL            |
| 5                        | VE432120HIP            |
| <b>GE</b>                |                        |
| 1                        | GE232MAX-L/Ultra       |
| 2                        | GE332MAX-N/Ultra       |
| 3                        | GE232MAX347-N          |
| 4                        | GE432MAX347-N          |
| 5                        | GE232-MVPS-N           |
| 6                        | GE332-MVPS-N           |
| 7                        | GE432-MVPS-N           |
| 8                        | GE432-120RESDIYB       |
| 9                        | GE-240-RS-MV-N         |
| 10                       | GE232-N-347            |
| 11                       | GE132MAX-H/ULTRA       |
| <b>Halco</b>             |                        |
| 1                        | EP232IS/L/MV/HE        |
| <b>HOWARD INDUSTRIES</b> |                        |
| 1                        | EP3/32IS/MV/MC/HE      |
| <b>KEYSTONE</b>          |                        |
| 1                        | KTEB-232RIS-1-TP-SL    |
| 2                        | KTEB-232RIS-1-TP-SL/Ga |
| <b>OSRAM</b>             |                        |
| 1                        | QHE 2x32T8/UNV ISN-SC  |
| 2                        | QHE 3x32T8/UNV ISN-SC  |
| 3                        | QHE 3x32T8/UNV PSN-SC  |

| <b>PHILIPS</b>             |                       |
|----------------------------|-----------------------|
| 1                          | ICN-2P32-N            |
| 2                          | ICN-3P32-N            |
| 3                          | ICN-2S40-N            |
| 4                          | IOP-4P32-LW-N         |
| 5                          | IOPA-1P32-N           |
| 6                          | IOPA-4P32-N           |
| 7                          | IOPA-2P32-LW-N        |
| 8                          | IOP-3P32-N            |
| <b>SYLVANIA</b>            |                       |
| 1                          | QHE 1x32T8/UNV ISN-SC |
| 2                          | QHE 3x32T8/UNV ISL-SC |
| 3                          | QTP 2x32T8/UNV ISL-SC |
| 4                          | QT 4X32/120 LP        |
| 5                          | QT 2x32 T8/347 ISL-SC |
| 6                          | QHE 4x32T8/347 ISN-SC |
| 7                          | QHE 4x32T8/347 ISL-SC |
| <b>TRIAD</b>               |                       |
| 1                          | B232IUNVHP-N          |
| 2                          | B332IUNVHP-A          |
| 3                          | B432IUNVHP-A          |
| 4                          | B232IUNVHP-B          |
| <b>UNIVERSAL</b>           |                       |
| 1                          | B332IUNVHE-A          |
| 2                          | B432IUNVHE-A          |
| 3                          | B232IUNVEL-N          |
| 4                          | B332IUNVEL-A          |
| 5                          | B232IUNVHEH-A         |
| 6                          | B332PUNVHE-A          |
| 7                          | B4321UNVEL-A          |
| <b>WORK HORSE</b>          |                       |
| 1                          | WH3-120-C             |
| 2                          | WH3-120-L             |
| <b>Pacific Fluorescent</b> |                       |
| 1                          | EB-232IS-120-RES      |