**Product Overview** (for complete specifications, see page 2)

**Construction:** Extruded aluminum housing is available in standard lengths up to 12’. Continuous runs have hairline joints with no light leak. Runs of fixtures can be built to lengths matching field conditions.

**Electrical:** Gammalux products are UL and cUL listed with quick electrical connectors and ballasts by OSRAM SYLVANIA or equal. Runs of fixtures are tested as a complete system prior to shipping.

**Lamp Stagger:** Fluorescent lamps can be staggered for consistent illumination in continuous runs with no dark ends. ASLM or ASLHD lens is recommended.

**Optical:** Reflectors are formed diffuse aluminum and are formed to provide even washing of light across the lens. Lenses available in standard (ASL), medium (ASLM), and heavy diffusion (ASLHD).

**Finish/Color:** High quality paint finish in high gloss or semi-gloss. Custom colors available.

**Packing and Shipping:** Our packing, labeling and shipping systems ensure products arrive safely, ready to install.

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**Standard Nomenclature**

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Family</th>
<th>Optic Location</th>
<th>Distribution</th>
<th>No. of Lamps</th>
<th>Lamp Type</th>
<th>Ballast Option</th>
<th>Wall Interface</th>
<th>Wall Shielding</th>
<th>Paint Colors</th>
<th>Paint Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gammalux</td>
<td>Perimeter Series</td>
<td>Regressed</td>
<td>Direct</td>
<td>1 or 2</td>
<td>T8</td>
<td>ERS</td>
<td>REC</td>
<td>ASL</td>
<td>W</td>
<td>H</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>T5</td>
<td>Electronic Rapid Start&lt;10% THD</td>
<td>A</td>
<td>Acrylic</td>
<td>White</td>
<td>High Gloss</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>T5HO</td>
<td>DIM</td>
<td>Adjustable wall bracket</td>
<td>Medium Diffuse*</td>
<td>SG</td>
<td>Semi-Gloss</td>
</tr>
</tbody>
</table>

| GPRD5 | 128T5ST | 120V | ERS | 12’ | REC/A/GFW | ASL | WH | XX |

<table>
<thead>
<tr>
<th>Aperture</th>
<th>Nominal Lamp Watts</th>
<th>Lamp Stagger</th>
<th>Ceiling Interface</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>5”</td>
<td>32 (4’-T8) 28 (4’-T5) 54 (4’-T5HO)</td>
<td>Blank Non-Staggered ST add for Staggered Lamp Configuration.*</td>
<td>GFV Gyp or Grid Flanged, wire suspension</td>
<td>BPE Battery Pack EM. Kit CP Chicago Plenum compliant DL UL Damp Label EMERG Emergency ckt. GLR Fuse w/holder 2CKT Dual Circuiting</td>
</tr>
</tbody>
</table>

*When Staggering lamps, ASLMD or ASLHD lens is recommended.

**When REC W is specified, exact field dimensions (at the wall height where the Wall Interface will be installed) are required from installing contractor on approved shop drawings.
Specifications

**Construction**

**Housing:** Extruded aluminum body, 6063T5, 0.090” minimum thickness. Available in one piece, unbroken lengths up to 12”.

**Joiner System:** Automatic alignment, no loose parts, one tool to tighten two factory installed bolts for hairline seam. No light leaks. Fixtures that are built for continuous runs and patterns are assembled into a complete pattern and tested for fit and finish at the factory prior to being individually packed and shipped.

**Mounting:** Shall be perimeter mounted to wall via Adjustable Wall Bracket (A) and recessed into a grid or hard ceiling. Power feed is accomplished through knockouts in housing. Fixtures can be ganged together mechanically and electrically in continuous rows.

**Electrical**

**Ballast:** OSRAM SYLVANIA or equal Electronic Rapid Start ballast with less than 10% Total Harmonic Distortion is standard (specify ERS). Additional ballast options are available. UL listed wiring and components throughout. Housing wired with quick-connect plugs at all mating joints and individually tested. Max ballast cross section size 1.7” x 1.2”. Fixtures that are built for individual use or continuous runs and patterns are assembled into a complete pattern and tested with lamps at the factory prior to being individually packed and shipped. All fixtures bear UL & cUL Dry Location labels. Damp Location labels are available (specify DL in the options field.)

**Lamp Stagger (when specified)**

Fluorescent lamps are custom-staggered per exact run length, providing consistent illumination from end to end in each run. Telescoping modules are not acceptable. Factory-engineered drawings indicate the location of each lamp in continuous runs and the dimensioned detail of lamp stagger. Specify ST lamp configuration.

**Optical Performance**

**Reflectors:** Shall be diffused formed high reflectance aluminum.

**Acrylic Satin Lens:** Shall be 15% DR acrylic (specify ASL).

**Acrylic Satin Lens, Medium Diffuse:** Shall be 15% DR acrylic (specify ASLM). Multiply efficiency by .93.

**Acrylic Satin Lens, Heavy Diffuse:** Shall be 15% DR acrylic (specify ASLH). Multiply efficiency by .68.

**Performance:** Luminaire is a minimum of 76.7% efficient when using standard diffuse lense.

**Finish**

Housing assembly is electrostatically sprayed with high solids aliphatic two component polyurethane to an average thickness of 2 mils. over acid etching primer. High gloss or semi-gloss are standard. Specify H for high gloss in Paint Finish field. Specify SG for semi-gloss. Consult with factory for other finishes.

**Packing and Shipping**

Fixtures built for continuous rows and patterns are given a specific location identifier, clearly identified on factory layout drawings provided to installing contractor. Location identifier is printed on the fixture’s ID Label, protective wrapping and on each end of fixture carton. Shipping pallets are built with 2’ clearance, extending beyond the length and width of cartons, providing shipping protection.

Approximate weight of 4’ module is 21 lbs. including carton. Weight of shipping pallet and supplemental packing materials not factored in.
Photometric / Revit Files

Fixtures with T5 or T5HO lamping

(One lamp using Standard Diffuse lens. For Medium and Heavy diffuse lenses, use multiplier on page 2.)

IESNA: LM-63-2002
ISSUEDATE: 12/06/13
TEST: GPRD51T5ASL
TESTLAB: Photopia 3.2.6 see: www.tiioptics.com/ies
MANUFACT: GAMMALUX LIGHTING SYSTEMS
LUMCAT: GPRD5-15T5-4’-ASL
LAMP: Fluor. 54W 4’ Silhouette T5 HO

Summary Data

- EFFICIENCY (Total): 76.7%
- EFFICIENCY (Downlight): 74.7%
- CIE CLASSIFICATION: DIRECT
- LUMENS/LAMP: 5000
- NO. OF LAMPS: 1
- LUMINOUS OPENING: RECTANGULAR
  - Width: 3.84 (Feet)
  - Length: 0.47
  - Height: 0.63
- INPUT WATTS: 59

Fixtures with T5 or T5HO lamping

(Two lamp using Standard Diffuse lens. For Medium and Heavy diffuse lenses, use multiplier on page 2.)

IESNA: LM-63-2002
ISSUEDATE: 12/06/13
TEST: GPRD52T5ASL
TESTLAB: Photopia 3.2.6 see: www.tiioptics.com/ies
MANUFACT: GAMMALUX LIGHTING SYSTEMS
LUMCAT: GPRD5-25T5-4’-ASL
LAMP: Fluor. 54W 4’ Silhouette T5 HO

Summary Data

- EFFICIENCY (Total): 67.1%
- EFFICIENCY (Downlight): 65.2%
- CIE CLASSIFICATION: DIRECT
- LUMENS/LAMP: 5000
- NO. OF LAMPS: 2
- LUMINOUS OPENING: RECTANGULAR
  - Width: 3.87 (Feet)
  - Length: 0.47
  - Height: 0.63
- INPUT WATTS: 118

Acrylic Satin Lens (ASL)
Acrylic Satin Lens, Medium Diffuse (ASLM MD)
Acrylic Satin Lens, Heavy Diffuse (ASLHD)
Perimeter Series GPRD5
Recessed Perimeter Drywall or Grid Mounted
Direct Illumination

Photometric / Revit Files

Fixtures with T8 lamping
(One lamp using Standard Diffuse lens. For Medium and Heavy diffuse lenses, use multiplier on page 2.)

IESNA: LM-63-2002
ISSUEDATE: 12/06/13
TEST: GPRD51T8ASL
TESTLAB: Photopia 3.2.6 see: www.tiioptics.com/ies
MANUFAC: GAMMALUX LIGHTING SYSTEMS
LUMCAT: GPRD5-132T8-4'-ASL
LAMP: Fluor. 32W 4’ T8

Summary Data

EFFICIENCY (Total): 71.3%
EFFICIENCY (Downlight): 69.4%
CIE CLASSIFICATION: DIRECT
LUMENS/LAMP: 2900
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
  Width: 4.00 (Feet)
  Length: 0.47
  Height: 0.63
INPUT WATTS: 35

Fixtures with T8 lamping
(Two lamps using Standard Diffuse lens. For Medium and Heavy diffuse lenses, use multiplier on page 2.)

IESNA: LM-63-2002
ISSUEDATE: 12/06/13
TEST: GPRD52T8ASL
TESTLAB: Photopia 3.2.6 see: www.tiioptics.com/ies
MANUFAC: GAMMALUX LIGHTING SYSTEMS
LUMCAT: GPRD5-232T8-4'-ASL
LAMP: Fluor. 32W 4’ T8

Summary Data

EFFICIENCY (Total): 53.1%
EFFICIENCY (Downlight): 51.4%
CIE CLASSIFICATION: DIRECT
LUMENS/LAMP: 2900
NO. OF LAMPS: 2
LUMINOUS OPENING: RECTANGULAR
  Width: 4.00 (Feet)
  Length: 0.47
  Height: 0.63
INPUT WATTS: 70

Acrylic Satin Lens (ASL)
Acrylic Satin Lens, Medium Diffuse (ASLMD)
Acrylic Satin Lens, Heavy Diffuse (ASLHD)
**Factory Drawings:** Fully dimensioned factory drawings will be provided upon receipt of purchase order.

**Perimeter Mount:**
Specify A/GFW code in catalog #

`*A = ADJUSTABLE FROM 5/16" TO 9/16" (DISTANCE FROM WALL TO HOUSING)`
Standard Colors / Finishes

Due to variances in computer monitors and color printers, this page should be used for general reference only. For a sheet of physical color samples, please consult factory.

High Gloss Finish

- White (WH)
- Red (RH)
- Yellow (YH)
- Green (GH)
- Blue (BH)
- Black (BKH)

Semi Gloss Finish

- White (WSG)
- Silver (SSG)
- Gray (GYSG)
- Off White (OWSG)
- Light Gray (LGYSG)
- Bronze (BZSG)
- Satin Aluminum (SAPSG)

Due to variances in computer monitors and color printers, this page should be used for general reference only. For a sheet of physical color samples, please consult factory.