Product Overview (for complete specifications, see page 2)

Construction: Extruded aluminum housing is available in lengths up to 24’. Continuous runs have hairline joints with no light leak. Runs of fixtures can be built to lengths matching field conditions. Housing is designed for integration with Hunter Douglas Ceilings & Walls exclusively from CertainTeed, Inc. Techstyle or Echelon ceiling system.

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. ASLMD or ASLHD lens is recommended.

Optical: Reflectors are formed to provide even washing of light across the lens. Lenses available in standard, medium and heavy diffusion. See images on pages 3 and 4.

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.
Specifications

Construction

Housing: Extruded aluminum body 5.75" wide x 6.00" high, 6063T5, 0.070" minimum thickness. Available in one piece, unbroken lengths up to 24'. Runs of fixtures are built to lengths matching exact field conditions.

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: Recessed into Hunter Douglas Ceilings & Walls exclusively from CertainTeed, Inc. Techstyle or Echelon ceiling system.

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 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

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 formed diffuse high reflectance aluminum.

Acrylic Satin Lens: Shall be 15% DR acrylic snap-in (specify ASL).

Acrylic Satin Lens, Medium Diffuse: Shall be 15% DR acrylic snap-in (specify ASLMD). Multiply efficiency by .93.

Acrylic Satin Lens, Heavy Diffuse: Shall be 15% DR acrylic snap-in (specify ASLHD). Multiply efficiency by .68.

Performance: Independent photometric laboratory testing - ITL or equal - is required. See following photometric information.

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 22 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: 10/12/11
TEST: GB66RCTS1T5ASLIES
TESTLAB: Photopia 3.2.6 see: www.tioptics.com/ies
MANUFAC: GAMMALUX LIGHTING SYSTEMS
LUMCAT: GB66RCTS-154T5HO-ERS-REC-ASL-WH
LAMP: Fluor. 54W 4' Silhouette T5HO

Summary Data
EFFICIENCY (Total): 87.9%
EFFICIENCY (Downlight): 87.9%
CIE CLASSIFICATION: DIRECT
LUMENS/LAMP: 5000
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
  Width: 0.46 (Feet)
  Length: 3.83
  Height: 0.18
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: 10/12/11
TEST: GB66RCTS2T5ASLIES
TESTLAB: Photopia 3.2.6 see: www.tioptics.com/ies
MANUFAC: GAMMALUX LIGHTING SYSTEMS
LUMCAT: GB66RCTS-254T5HO-ERS-REC-ASL-WH
LAMP: Fluor. 54W 4' Silhouette T5 HO

Summary Data
EFFICIENCY (Total): 82.4%
EFFICIENCY (Downlight): 82.4%
CIE CLASSIFICATION: DIRECT
LUMENS/LAMP: 5000
NO. OF LAMPS: 2
LUMINOUS OPENING: RECTANGULAR
  Width: 0.45 (Feet)
  Length: 3.83
  Height: 0.18
INPUT WATTS: 118

Acrylic Satin Lens (ASL)
Acrylic Satin Lens, Medium Diffuse (ASLM)
Acrylic Satin Lens, Heavy Diffuse (ASLHD)
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: 09/20/11
TEST: GB66RCTS1T8ASLIES
TESTLAB: Photopia 3.2.6 see: www.tioptics.com/ies
MANUFAC: GAMMALUX LIGHTING SYSTEMS
LUMCAT: GB66RCTS-132T8-ERS-REC-ASL-WH
LAMP: Fluor. 32W 4'T8

Summary Data

EFFICIENCY (Total): 78.0%
EFFICIENCY (Downlight): 78.0%
CIE CLASSIFICATION: DIRECT
LUMENS/LAMP: 5000
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
   Width: 0.49(Feet)
   Length: 4.00
   Height: 0.38
INPUT WATTS: 35

Fixtures with T8 lamping

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

IESNA: LM-63-2002
ISSUEDATE: 09/20/11
TEST: GB66RCTS2T8ASLIES
TESTLAB: INDEPENDENT TESTING LABORATORIES, INC.
MANUFAC: GAMMALUX LIGHTING SYSTEMS
LUMCAT: GB66RCTS-232T8-ERS-REC-ASL-WH
LAMP: TWO 32-WATT T-8 FO32/835 LINEAR FLUORESCENTS.

Summary Data

EFFICIENCY (Total): 66.0%
EFFICIENCY (Downlight): 66.0%
CIE CLASSIFICATION: DIRECT
LUMENS/LAMP: 2900
NO. OF LAMPS: 2
LUMINOUS OPENING: RECTANGULAR
   Width: 0.47(Feet)
   Length: 4.00
   Height: 0.38
INPUT WATTS: 70
G-Beam Series GB66RCTE
General Illumination - Recessed Into Techstyle or Echelon Ceiling
Direct Distribution

Mounting Details

15/16" T Bar - 1 11/16:
Specify T1SW code in catalog #

15/16" T Bar - 1 1/2:
Specify T1SW code in catalog #

Echelon Main T Bar:
Specify EMSW code in catalog #

Echelon Cross T Bar:
Specify EXSW code in catalog #

Mounting bracket is field adjustable to accommodate all four conditions.

Gammalux Lighting Systems reserves the right to change details of fixture design and construction at any time.
GAMMALUX Lighting Systems
Perfection by Extrusion

G-Beam Series GB66RCTE
General Illumination - Recessed Into Techstyle or Echelon Ceiling
Direct Distribution

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.