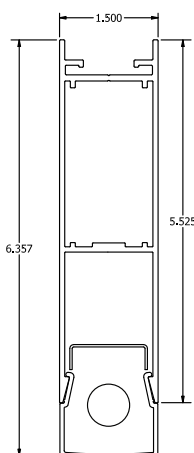


Revision: 3 Date: Aug. 2013



Click or scan QR code to view latest spec sheet.

CLICK FOR  
**GAMMALUX**  
STANDARD PRODUCT VERSION



**T5 or T5HO**



Click photo to view product page

Page 2 Specifications  
Page 3 Photometric Files  
Page 4 Mounting Details

Gammalux Lighting Systems reserves the right to change details of fixture designs and construction at any time.

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

**Construction:** For use in Hunter Douglas High Profile Series™ Baffle ceiling systems only. Extruded aluminum housing is available in one piece up to 20'. Runs of fixtures are built to lengths matching exact field dimensions. Telescoping modules are not acceptable. Factory-engineered drawings indicate the location of each board in continuous runs.

**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. Daylight Harvesting available.

**Optical:** Three snap-in lens versions are offered to allow for greater glare control or increased fixture efficiency.

**Finish/Color:** High quality paint finish matches Hunter Douglas standard.

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

**Purchasing:** This product is marketed exclusively through Hunter Douglas. **Click here** or call 800-727-8953 for contact and ceiling system information.

**Mounting:** For use in Hunter Douglas High Profile Series™ Baffle ceiling systems only. Standard suspension components are provided by Hunter Douglas. If required by local building code or structural engineer, supplemental suspension kit # GHDB-SSK can be obtained from Hunter Douglas. See page 4.

## Standard Nomenclature

Manufacturer		Cross Section (nom)		Shape		No. of Lamps	Nominal Lamp Watts		Ballast Option	Mounting	Paint Colors		Paint Finish			
Gammalux		1.00" x 6.00"		Rectangular		1	28 (4'-T5) 54 (4'-T5HO) LED available (consult factory)		ERS Electronic Rapid Start <10% THD DIM Dimming (consult factory) DAY Daylight Harvesting (consult Gammalux for assistance)	Hunter Douglas Baffle Ceiling Integration (Standard suspension components by Hunter Douglas. Supplemental suspension kit available. See page 4.)	NAT Gammalux match of Hunter Douglas Natural # 7163 COT Gammalux match of Hunter Douglas Cotton White # 0280		H High Gloss SG Semi-Gloss			
<b>GHD16R</b>	-	<b>128T5</b>	-	<b>120V</b>	-	<b>ERS</b>	-	<b>4'</b>	-	<b>HDB</b>	-	<b>ASL</b>	-	<b>WH</b>	-	<b>XX</b>
Partner Hunter Douglas		Lamp Type T5 T5HO		Voltage 120, 277, UNIV		Fixture Length Up to 20' single-piece housings available. Specify run in nominal footage increments.		Lower Shielding*		Options						
								ASL Acrylic Satin Lens APL Acrylic clear Lineal Prismatic Lens ACL Acrylic Coextruded Lens		GLR Fuse w/holder BPE Battery Pack EM. Kit DL UL Damp Label EMERG Emergency ckt. 2CKT Dual Circuiting						

\*Lamp is visible through clear APL and ACL lenses.

\*Lamp is visible through clear APL and ACL lenses.

## Specifications

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### Construction

**Housing:** Extruded aluminum body 1.50" wide x 6.35" high, 6063T5, 0.070" minimum thickness. Available in one piece, unbroken lengths up to 20'. Runs of fixtures are built to lengths matching exact field dimensions. Telescoping modules are not acceptable.

**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 are assembled into a complete run and tested for fit and finish at the factory prior to being individually packed and shipped.

**Mounting:** Shall be integrated with Hunter Douglas Baffle Ceiling System. Standard mounting components by Hunter Douglas. If required by local code or structural engineer, supplemental support kit # GHDB-SSK, containing two mounting brackets, may be obtained through Hunter Douglas.

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### 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 are assembled into a complete run 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).

**Daylight Harvesting:** On-board sensor controls single or multiple fixtures to take advantage of ambient illumination from daylight and other sources (specify **DAY**). Consult Gammalux for assistance in proper arrangement of fixtures with sensors. 800-356-3275.

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### Optical Performance

**Acrylic Satin Lens:** Satin white snap-in lens shall be 15% DR acrylic (specify **ASL**).

**Acrylic Prismatic Lens:** Clear acrylic snap-in lens includes linear micro prism. Shall be 15% DR (specify **APL**).

**Acrylic Coextruded Lens:** Snap-in lens is a co-extruded combination of APL for maximum output down and ASL for glare reduction to the sides (specify **ACL**).

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### 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.

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### Packing and Shipping

Fixtures built for continuous rows 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 10 lbs. including carton. Weight of shipping pallet and supplemental packing materials not factored in.

**This product is marketed exclusively through Hunter Douglas. Click here or call 800-727-8953 for contact and ceiling system information.**

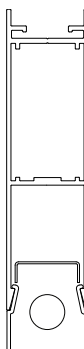


**Photometric / Revit files**  
**Fixture with ASL shielding\***

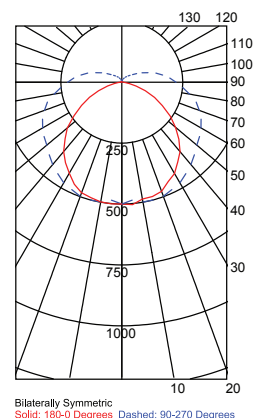
IESNA: LM-63-2002  
ISSUEDATE: 12/29/11  
TEST: GH16R1T5ASL.IES  
TESTLAB: photopia 3.2.6 see: [www.ltiopics.com/ies](http://www.ltiopics.com/ies)  
MANUFAC: GAMMALUX LIGHTING SYSTEMS  
LUMCAT: GH16R-128T5-ASL  
LAMPS: 1 FLUOR 28W 4' SILHOUETTE T5

**Summary Data**

EFFICIENCY (Total): **76.9%**  
EFFICIENCY (Downlight): **65.6%**  
EFFICIENCY (Uplight): **11.3%**  
CIE CLASSIFICATION: SEMI-DIRECT  
LUMENS/LAMP: 2900  
NO. OF LAMPS: 1  
LUMINOUS OPENING: RECTANGULAR  
Width: 0.13 (Feet)  
Length: 3.83  
Height: 0.31  
INPUT WATTS: 31



**Candela Plot**

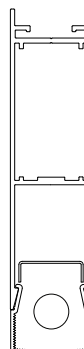


**Fixture with APL shielding\***

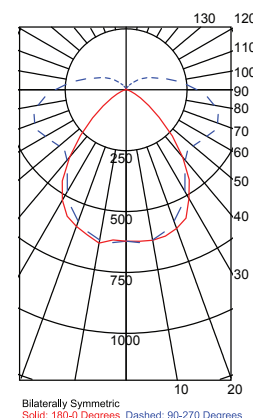
IESNA: LM-63-2002  
ISSUEDATE: 12/29/11  
TEST: GH16R1T5APL.IES  
TESTLAB: photopia 3.2.6 see: [www.ltiopics.com/ies](http://www.ltiopics.com/ies)  
MANUFAC: GAMMALUX LIGHTING SYSTEMS  
LUMCAT: GH16R-128T5-APL  
LAMPS: 1 FLUOR 28W 4' SILHOUETTE T5

**Summary Data**

EFFICIENCY (Total): **71.5%**  
EFFICIENCY (Downlight): **59.6%**  
EFFICIENCY (Uplight): **11.9%**  
CIE CLASSIFICATION: SEMI-DIRECT  
LUMENS/LAMP: 2900  
NO. OF LAMPS: 1  
LUMINOUS OPENING: RECTANGULAR  
Width: 0.13 (Feet)  
Length: 3.83  
Height: 0.31  
INPUT WATTS: 31



**Candela Plot**

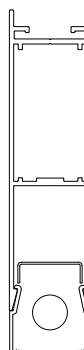


**Fixture with ACL shielding\***

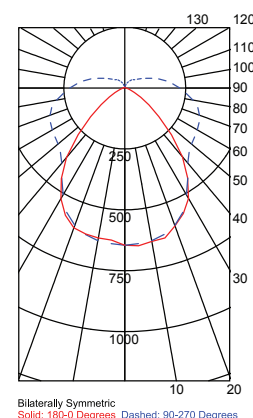
IESNA: LM-63-2002  
ISSUEDATE: 12/29/11  
TEST: GH16R1T5ACL.IES  
TESTLAB: photopia 3.2.6 see: [www.ltiopics.com/ies](http://www.ltiopics.com/ies)  
MANUFAC: GAMMALUX LIGHTING SYSTEMS  
LUMCAT: GH16R-128T5-ACL  
LAMPS: 1 FLUOR 28W 4' SILHOUETTE T5

**Summary Data**

EFFICIENCY (Total): **74.0%**  
EFFICIENCY (Downlight): **62.3%**  
EFFICIENCY (Uplight): **11.8%**  
CIE CLASSIFICATION: SEMI-DIRECT  
LUMENS/LAMP: 2900  
NO. OF LAMPS: 1  
LUMINOUS OPENING: RECTANGULAR  
Width: 0.13 (Feet)  
Length: 3.83  
Height: 0.31  
INPUT WATTS: 31



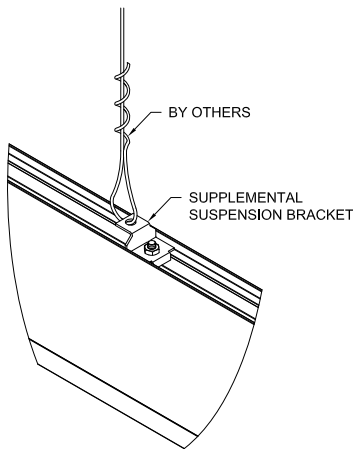
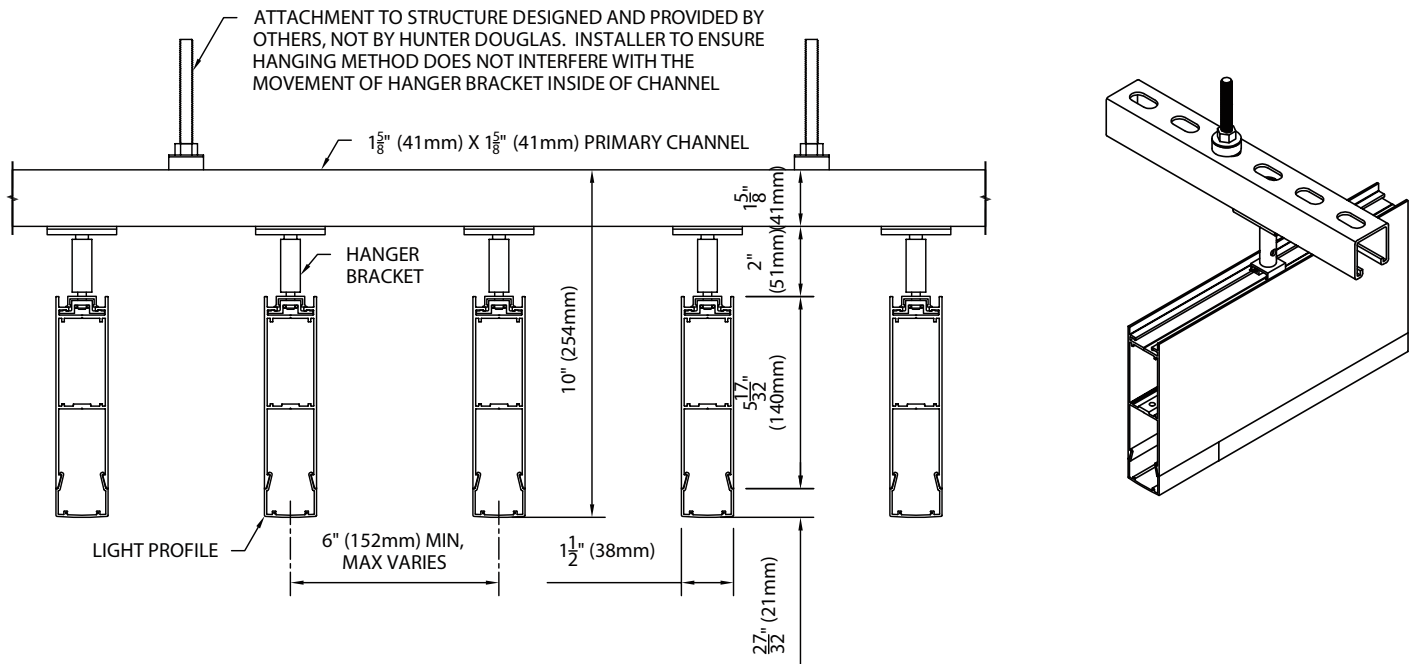
**Candela Plot**



\*FIXTURE USES ONE T5 STANDARD OUTPUT LAMP. FOR HIGH OUTPUT, INCREASE CALCULATIONS TO 5,000 BARELAMP LUMENS

## Mounting Details





**Factory Drawings:** Fully dimensioned factory drawings will be provided upon receipt of purchase order.



**GHD16R fixtures are intended to be installed with the same methodology as the Hunter Douglas Baffle Ceiling System in which they are integrated.**

If required by local building code or structural engineer, part # GHDB-SSK, containing two supplemental support brackets, may be ordered from Hunter Douglas.

CLICK FOR  
**GAMMALUX**  
STANDARD PRODUCT VERSION

		ASL	APL	ACL
LENS				
Gammalux Lighting Systems reserves the right to change details of fixture design and construction at any time.				