

From: Ann Rodriquez <[REDACTED]>

To: Larry Visoski <[REDACTED]>

Cc: Rich Kahn <[REDACTED]>, "jeffrey E." <jeevacation@gmail.com>

Subject: Fwd: Helipad ground light Quote

Date: Fri, 15 Apr 2016 17:38:08 +0000

Attachments: Crystal_Reports_-_Sales_Order_Printing.pdf; 2.5.3_HL-392.pdf

Inline-Images: image1.PNG; image2.PNG; image3.PNG; image4.PNG; image001.gif

Hi Larry,

Attached is another quote from Danny for the Helipad ground lights. Please review and advise.



Quote

Flight Light Inc.
2708 47th Avenue
Sacramento, CA 95822
Phone: 916-394-2800
Fax: 916-394-2809
www.flightlight.com

Customer Number: 01-QUOTEVI

Quote Number: 0056528
Quote Date: 4/15/2016
Expires On: 5/15/2016

Salesperson: Ioana Flores

Bill To:
PH:(340)227-5323
dannyvicars@yahoo.com
Confirm To:
Danny Vicars

Ship To:

Notes:

Item / Description	UOM	Qty Quoted	Price	Amount
<p style="text-align: center;">Ship VIA BEST WAY</p> <p style="text-align: center;">Terms Prepay by Check or Credit Card</p>				
HL-392-Y50 Helideck Inset Light Yellow Anodized 120V 50W 7.25"BC w/female connector Bolts and washers included	EA	10.00	425.00	4,250.00
BA-725-5-2P1 Base can 8.5" x 5" deep 1 "grm.0180 w/ground strap 2" Drain w/Fitting 7.25"BC with 1/4" Plywood Cover For 392 fixtures	EA	10.00	92.00	920.00

Freight at Customer's Expense

Thank you for considering us!!

Please contact us with any questions.
Terms and conditions apply. All prices are in U.S. dollars.

For Flight Light Warranty information: [http://\[redacted\]terms.html#warranty](http://[redacted]terms.html#warranty)

Net Order:	5,170.00
Freight:	0.00
Sales Tax:	0.00
Order Total:	5,170.00



Flight Light Inc.
2708 47th Ave.
Sacramento, California, U.S.A.
95822-3806

PH (916) 394-2800 FX (916) 394-2809
TF (800) 806-3548 EM info@

HL-392 LED or Halogen Helideck Semi-Flush Perimeter Inset Light

- Compliances**
- FAA AC 150/5390-2B Heliport Design Guide
 - Exceeds FAA Engineering Brief 87 Specifications
 - ICAO Annex 14, Volume II
 - UL 1598 Standard (only "LP" lamp is UL listed)
 - US Army Aviation Lighting Manual TM 5-811-5, Figure 5-3
 - Transport Canada TP14371, AGA 7.16
 - UK CAA CAP 437, Chapter 4, paragraph 3.1 (optional, please specify at time of order)

Applications

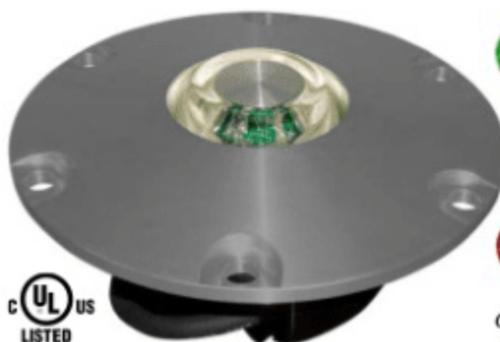
Semi-flush perimeter light helps mark helipad touchdown and lift-off area (TLOF) and/or final approach and takeoff area (FATO) for metal helidecks and pavement heliports.

Why Our HL-392 is Better

- Recessed, semi-flush mounted, allows for obstruction-free movement of equipment and personnel.
- Corrosion resistant anodized finish suitable for marine environments and available in many different colors.
- Lightweight and robust aluminum alloy construction.
- Drop into metal helideck and fasten with 6 bolts.
- Pressure test plug ensures moisture-proof light cavity.
- Prism removal and replacement achieved without need for adhesives or sealants.
- Pre-focused optics simplify maintenance.
- Available in 12-24 VDC or 120 VAC versions.
- Direct retrofit, drop in replacement. Factory retrofits available for your existing halogen fixtures.
- Independent intensity testing has provided results which exceed FAA Engineering Brief 87 specifications.
- Available for non-heliport applications such as architectural lighting.

Specifications

- Anodization: Aluminum Fixtures, machined stock 6061T6. Anodize Mil 8625 Type III, 1 mil thick.
- Low profile: .81" (base can mounted), 1.06" (helideck mounted).
- Bolt circle: 7.25"



- Light channel within .2" (5mm) of grade.
- Color beam variations achieved by dichroic coating.
- Exceeds L-861 photometric requirements when used as a medium intensity white runway edge light.
- Lamp bypass options available.
- 8" style: weight 4.65 lbs. (2.1kg). Carton size: .23 cu. ft. (.007 cu. meters); 9" (d) x 9" (w) x 5" (h) (229mm (w) x 229mm (d) x 127mm (h))

LED Version

- Cost-saving, energy-efficient LEDs.
- Power Consumption:
AC input = 7.2VA; DC input = 4W.
- Power adapter included.
- Low maintenance - LED light source has 50,000 hour lifetime (50X longer than halogen).
- Monochromatic output of LEDs is more conspicuous than halogen.
- Pilots prefer LED over halogen because of increased visibility.
- With our Dimming Controller option, the lights can be dimmed at night to reduce glare - 3 brightness levels.
- LED can be used with 120V/240V, 50Hz/60Hz power.



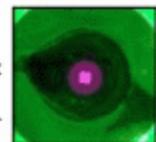
Custom color matching is available to meet your design specifications.

Marine Treated optional finish for high salt environments.



Visible/Infrared LED Option

- Night Vision Goggle (NVG) compatible.
- Optical Specifications:
 - Infrared Output:
 - Exceeds SAE Aerospace recommendations for Landing/Taxi Lights.
 - Usable beam width: 55° to 125° vertical, 360° horizontal.
 - Output wavelength: 850nm.
 - Visible Output:
 - Exceeds ICAO requirements for green LEDs (see photometric chart).
 - Usable beam width: 30° vertical, 360° horizontal.
 - Output wavelength: 530nm.
- Electrical Specifications:
 - Input voltage range: 100 to 240 VAC.
 - Input frequency: 50 or 60Hz.
 - Input current: 40mA AC.
 - Input power to the fixture: 10.8 VA.
 - Fixture is internally grounded.



Visit our web site:

Data Sheet: HL-392
9/25/2015

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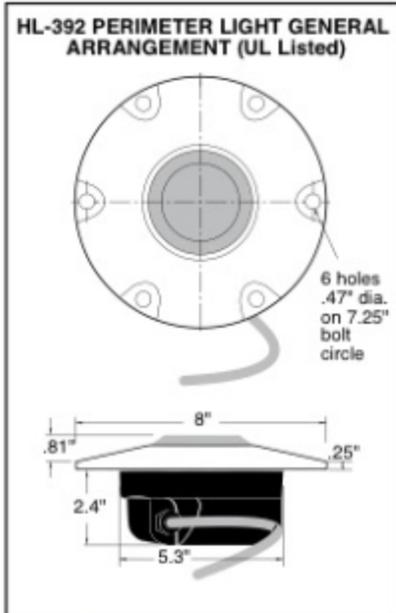
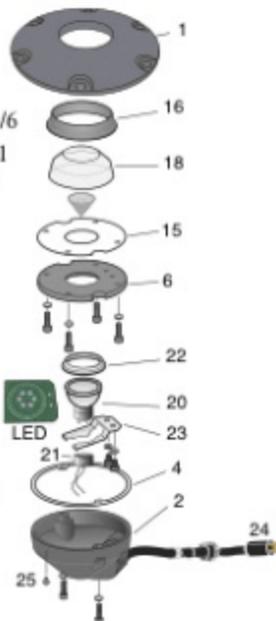
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HL-392 LED or Halogen Helideck Semi-Flush Perimeter Inset Light

Common Replacement Parts

- 1.....Body Casting (Std) – Anodized
- 2.....Bottom Cover Casting..... 80-040206
- N/A.....Elkay Gland Set..... 80-021114/5/6
- 4.....Bottom Cover Gasket..... 27-4061T271
- 6.....Prism Clamp..... 36-392-PLT
- 8.....Bottom Cover Spinning Clamp..... 80-021311
- 15.....Prism Clamp Gasket..... 80-021309
- 16.....Prism Gasket..... 80-033090
- 18.....White (Clear) Prism Dome..... 80-016080
- ALT ..Green Prism Dome..... 80-019193
- ALT ..Yellow Prism Dome..... 80-019181
- ALT ..Red Prism Dome..... 80-019182
- ALT ..Blue Prism Dome..... 80-019190
- 20.....50W 120V Reflector Lamp..... LA-008084
- ALT ..LED Cluster..... 20-XLX
- 21.....120V/240V lamp holder..... 80-015057
- 22.....Lamp Gasket..... 80-033077
- 23.....Lamp Retaining Spring..... 80-032039
- 24.....B-Type Male Lead (LED Only)..... TRC-10518-114D02
- 25.....Pressure Test Plug..... 80-021256
- ALT ..Schrader Tank Valve..... 80-021327
- N/A.....3-Pin Male Connector (Halogen).... 80-013031
- N/A.....3-Conductor Female Connector (Halogen) . 80-012022



Photometric Comparison with ICAO Requirements

Vertical Angle (Deg)	Avg. Intensity (Cd)	ICAO Spec (Cd)
2	70.8	15
5	66.5	30
10	48.3	15
13	36.6	8
20	23.9	3

Ordering Codes

Fixture	Output	Lamps	Custom Color ⁵	Compliance
HL-392	G: Green (std) ¹ B: Blue R: Red W: White Y: Yellow IR: Infrared ²	50: 50W, 120V ³ 52: 50W, 240V ³ LP: 120V/240V LED ⁴ LV: 12V LED ³ LVD: Dimming 12V LED ³	G: Green B: Blue MT: Marine Treated MG: Military Green R: Red Y: Yellow (hard gold)	UK: UK CAP 437 ⁶ UL: UL Listed ⁷
HL-392				

¹ Green is currently the recommended output color for heliport perimeter lights.

² Infrared can be used in conjunction with color LEDs.

³ Lamp option is not UL listed.

⁴ Color LED with white (clear) prism. Power adapter included, 120V/240V.

⁵ Gray anodized is the standard finish.

⁶ Green is the approved output color.

⁷ Only "LP" lamp option can be UL listed. Connector not included.

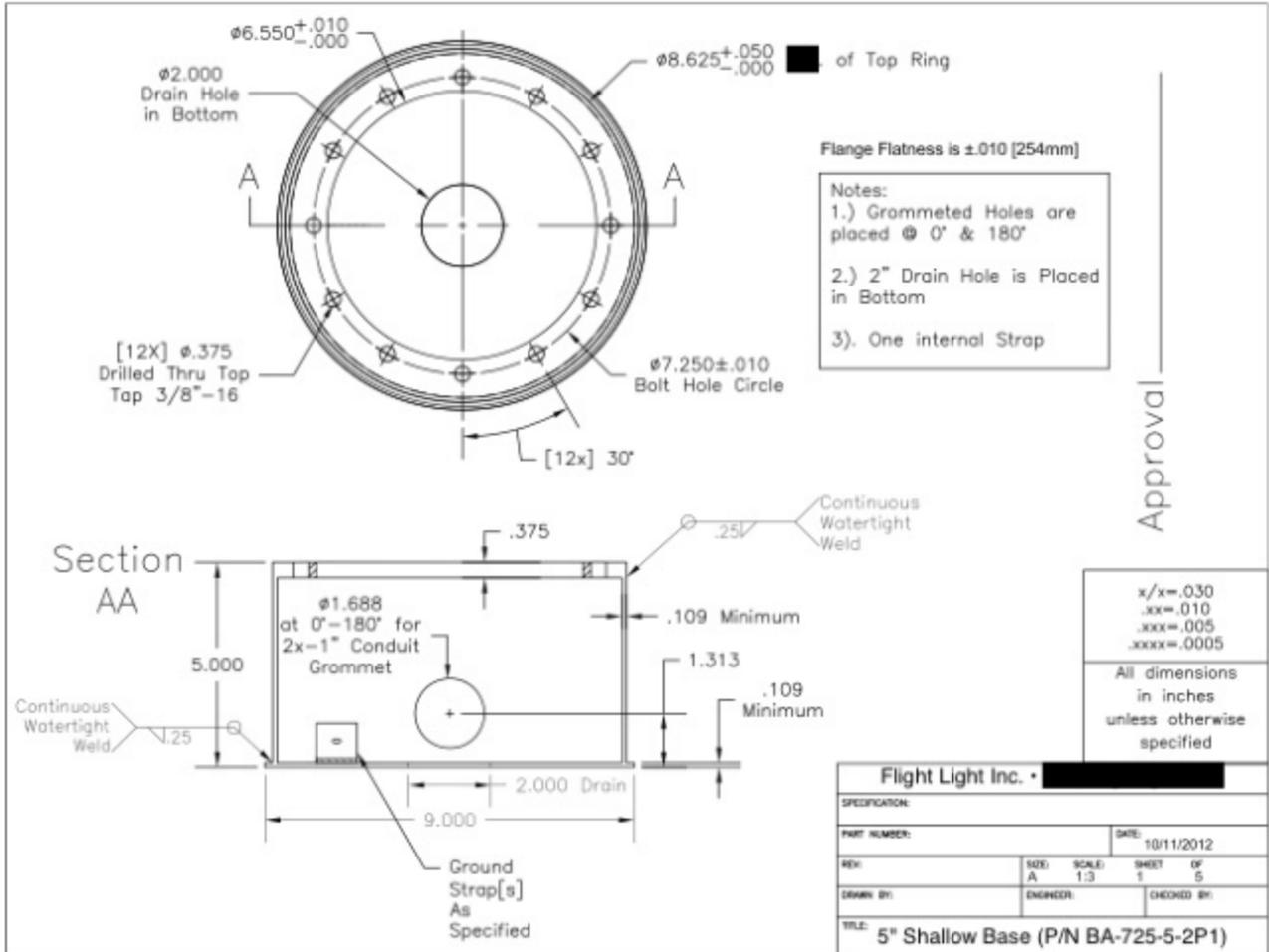
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Helideck Semi-Flush
Perimeter Inset Light



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Data Sheet: HL-392
 9/25/2015

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Ann R.

Begin forwarded message:

From: danny <[REDACTED]>
Date: April 15, 2016 at 1:08:44 PM AST
To: Ann Rodriguez <[REDACTED]>
Subject: Fwd: Quote

Sent from my iPhone

Begin forwarded message:

From: Ioana Flores <[REDACTED]>
Date: April 15, 2016 at 12:52:50 PM AST
To: "[REDACTED]" <[REDACTED]>
Cc: Susan Slish <[REDACTED]>
Subject: FW: Quote

Hello Mr. Vicars,

Attached is the quote you requested and the data sheet. Feel free to contact me if there is anything else you need. Thank you.

Best Regards,
Ioana Flores
Flight Light Inc
Phone: 916-394-2800 Ext 231
Fax: 916-394-2809
Web: [REDACTED]

Please give us your feedback by clicking the link below
[REDACTED]

