

EVOKE 2.9" ROUND ADJUSTABLE INTERNATIONAL

I-E2.9RA
HIT-GU6.5

APPLICATION:

Commercial and retail accent and display lighting

LAMP/BALLAST HOUSING CONSTRUCTION:

Spun aluminum mounting ring with formed steel spring clips (white flange)

OPTICS:

Die-cast aluminum adjustment mechanism provides lockable 0-40° tilt; 360°+ rotation

Available in a variety of beam spreads featuring Amerlux optics specifically designed for the HIT-GU6.5 lamp

Available in custom tints to tune beam to provide incandescent-like hue
Glass lens

LAMPING:

HIT-GU6.5 base, 20w and 35w

ELECTRICAL:

Electronic ballast
Terminal block for electrical connections
GU6.5 TAL pulse rated socket

REFLECTOR CONSTRUCTION:

Spun aluminum self flanged reflector with key slot cut
Variety of anodized aperture finishes with clear or white flange

MOUNTING:

Spring steel mounting clips allow installation from below
Max. ceiling thickness - 1"

LABELING:

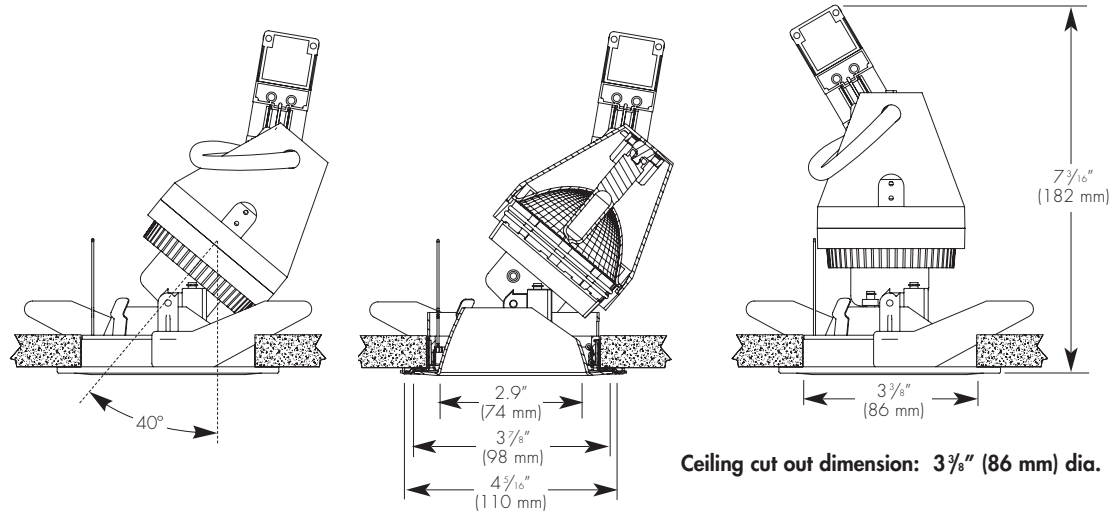
CE (CCC) pending



PROJECT:

TYPE:

ECOTECHURAL
Architectural lighting for sustainable design.



Ceiling cut out dimension: 3 3/8" (86 mm) dia.

ELECTRICAL

| Ballast | Lamping | | | | |
|------------|-------------|-------|-------------|-------|-----|
| | 1-20w | | 1-35w | | |
| | Input watts | Amps* | Input watts | Amps* | |
| Electronic | 220v | 24 | .19 | 44 | .20 |
| | 240v | 24 | .15 | 43 | .18 |

*Data is for open circuit current

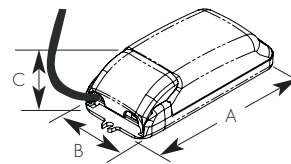
HIT-GU6.5 base metal halide, 20w and 35w

Amerlux reserves the right to change details that do not affect overall function and performance.

GEAR (STANDARD)

TO EXCLUDE GEAR - ORDER LG OPTION
(BALLAST/TRANSFORMER BY OTHERS)

| | 20w | 35w |
|---|--------------------|-------------------|
| A | 7 1/16" (179mm) | 5 1/2" (141mm) |
| B | 1 3/4" (43mm) | 2 1/16" (67mm) |
| C | 1 3/16" (30mm) | 1 1/4" (32mm) |



ORDERING INFORMATION:

| Model # | Wattage | Lamp Type | Voltage | Beam Spread | Aperture Finish | Options/Accessories | Listing Code |
|----------|----------|------------------------|---------|---|--|--|--------------|
| I-E2.9RA | 20 35 | HIT-GU6.5 (T4GU6.5) | 220-240 | CL - spot, 12° NF - narrow flood, 18° FL - flood, 25° WF - wide flood, 40° SL - linear spread, 5°x55° | Reflector with White Painted Flange SDW - semi-diffused clear GDW - specular gold BKW - specular black MWW - matte white Reflector with Clear Flange (flange finish matches cone finish) SDC - semi-diffused clear GDC - specular gold BKC - specular black | DB2690 - DB2690 optic reflector GOLD - ferric gold optic reflector HEX20 - hexcell louver SOL20 - beam softening lens To Exclude Gear LG - less gear | CE CCC |

Example: I-E2.9RA-20-HIT-GU6.5-20-240-FL-SDW-CE

Cat #:

EVOKE 2.9" ROUND ADJUSTABLE INTERNATIONAL

I-E2.9RA
HIT-GU6.5



TYPE :

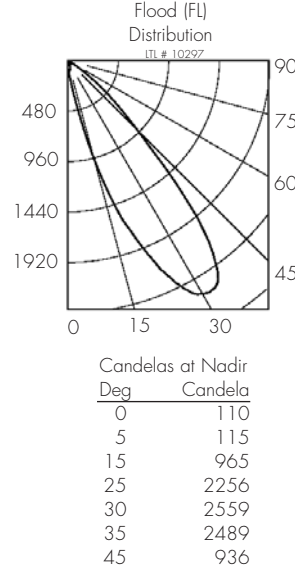
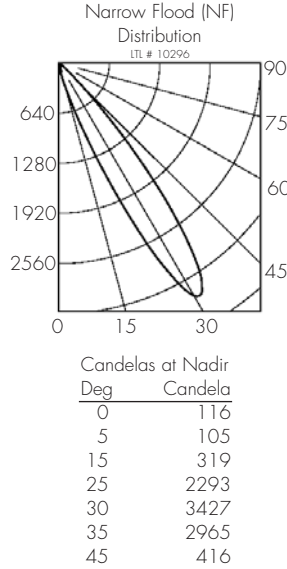
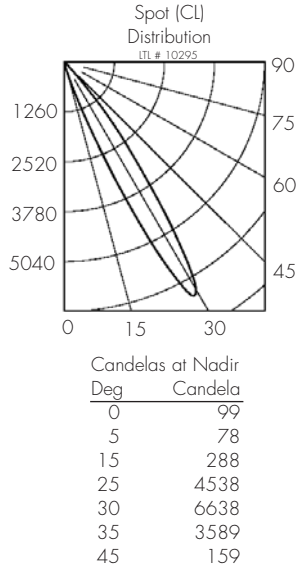
ecotECTURAL
Architectural lighting for sustainable design.



FIXTURE DATA: Test run with standard clear reflector. For gold, multiply by 0.9; For sunrise, multiply by .87
For 39w data, multiply by 2.1

Complete photometric data (.ies format) available upon request.

20W HIT-GU6.5 MH



APPLICATION DATA:

Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).

D=Distance to floor or wall.

FC=Footcandles on floor or wall at center beam aiming location.

L=Effective Visual Beam length in feet (50% of maximum footcandle level).

W=Effective Visual Beam width in feet (50% of maximum footcandle level).

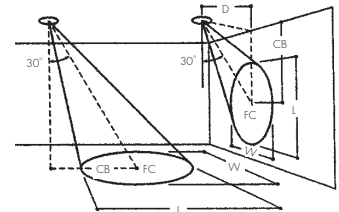
CB=Distance across or down to center beam location.



30° Aiming Angle Horizontal Footcandles



30° Aiming Angle Vertical Footcandles



SPOT

| D | FC/LUX | L | W | CB |
|----------|--------|------|-----|------|
| 5.0(ft) | 158 | 1.5 | 1.3 | 3.0 |
| 1.52(m) | 1697 | .46 | .38 | .92 |
| 7.5(ft) | 80 | 2.0 | 1.7 | 4.0 |
| 2.29(m) | 862 | .61 | .53 | 1.22 |
| 10.0(ft) | 41 | 2.8 | 2.3 | 5.0 |
| 3.05(m) | 438 | .86 | .72 | 1.52 |
| 12.5(ft) | 29 | 3.3 | 3.0 | 7.0 |
| 3.81(m) | 307 | 1.01 | .90 | 2.13 |

| D | FC/LUX | L | W | CB |
|---------|--------|------|-----|------|
| 3.0(ft) | 95 | 2.5 | 1.3 | 5.0 |
| .92(m) | 1017 | .76 | .38 | 1.52 |
| 4.0(ft) | 51 | 3.5 | 1.7 | 7.0 |
| 1.22(m) | 547 | 1.05 | .51 | 2.13 |
| 5.0(ft) | 33 | 4.1 | 2.0 | 8.0 |
| 1.52(m) | 360 | 1.25 | .61 | 2.44 |
| 6.0(ft) | 24 | 5.0 | 2.4 | 10.0 |
| 1.83(m) | 254 | 1.5 | .75 | 3.05 |

NARROW FLOOD

| D | FC/LUX | L | W | CB |
|----------|--------|------|------|------|
| 5.0(ft) | 86 | 1.9 | 1.6 | 3.0 |
| 1.52(m) | 925 | .58 | .49 | .92 |
| 7.5(ft) | 38 | 2.9 | 2.4 | 4.0 |
| 2.29(m) | 407 | .89 | .72 | 1.22 |
| 10.0(ft) | 22 | 3.8 | 3.2 | 6.0 |
| 3.05(m) | 231 | 1.16 | .98 | 1.83 |
| 12.5(ft) | 14 | 4.7 | 3.9 | 7.0 |
| 3.81(m) | 151 | 1.43 | 1.19 | 2.13 |

| D | FC/LUX | L | W | CB |
|---------|--------|------|-----|------|
| 3.0' | 59 | 2.6 | 1.4 | 4.0 |
| .92(m) | 637 | .79 | .43 | 1.22 |
| 4.0' | 34 | 3.4 | 2.0 | 6.0 |
| 1.22(m) | 365 | 1.06 | .61 | 1.83 |
| 5.0' | 22 | 4.2 | 2.4 | 7.0 |
| 1.52(m) | 239 | 1.30 | .74 | 2.13 |
| 6.0' | 15 | 5.2 | 3.0 | 9.0 |
| 1.83(m) | 162 | 1.59 | .93 | 2.74 |

FLOOD

| D | FC/LUX | L | W | CB |
|----------|--------|------|------|------|
| 5.0(ft) | 65 | 2.9 | 2.4 | 3.0 |
| 1.52(m) | 697 | .89 | .73 | .92 |
| 7.5(ft) | 30 | 4.3 | 3.5 | 4.0 |
| 2.29(m) | 326 | 1.30 | 1.06 | 1.22 |
| 10.0(ft) | 17 | 5.7 | 4.7 | 5.0 |
| 3.05(m) | 184 | 1.73 | 1.42 | 1.52 |
| 12.5(ft) | 11 | 7.1 | 5.8 | 6.0 |
| 3.81(m) | 117 | 2.14 | 1.76 | 1.83 |

| D | FC/LUX | L | W | CB |
|---------|--------|------|------|------|
| 3.0' | 55 | 3.1 | 1.8 | 4.0 |
| .92(m) | 592 | .94 | .55 | 1.22 |
| 4.0' | 31 | 4.1 | 2.4 | 5.0 |
| 1.22(m) | 335 | 1.24 | .73 | 1.52 |
| 5.0' | 20 | 5.2 | 3.1 | 6.0 |
| 1.52(m) | 210 | 1.60 | .94 | 1.83 |
| 6.0' | 14 | 6.1 | 3.6 | 8.0 |
| 1.83(m) | 148 | 1.89 | 1.09 | 2.44 |