Hornet® HP

Square Downlights, **Dim-To-Warm**

amerlux

PROJECT:	TYPE:

Features

Add ambiance to any hospitality, residential, retail or commercial space. Amerlux Hornet HP Downlight Dim-To-Warm option offers a lower kelvin temperature as you dim the lights. An adaptable light source in a cost-effective, solid state lighting package. The Dim-To-Warm option can tap into the powerful mediums of light and color to enhance the experience, well-being, and human emotion. Amerlux Dim-To-Warm allows designers to simulate the familiar glow and dimming of incandescent lamps. Available for trimmed, trimless or millwork applications.

HDL-HP-SA

HDL-HP-SA-TL
(trimless)

HDL-HP-SD

HDL-HP-SA-MWK
(millwork)

HDL-HP-SPA

HDL-HP-SPASHW

Product Overview

Type:	Recessed Square Downlights
Wattage:	15W
Color Temp:	3000K to 1800K
CRI:	95 typ.
Dimming:	**Wired:** TRIAC & ELV, Hi-lume®, 0-10V, DALI
	Wireless: Lutron Athena RF node, BubblyNet Bluetooth

Certifications

CSA C US | 5 year limited warranty AMERLUX LED | DTW
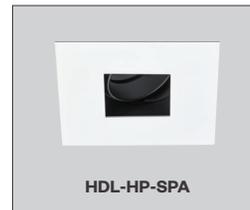
Fixture Summary

Fixture Type

New Construction	Remodeler	Trim	Trimless
Yes	Yes	Yes	Yes

Performance Data

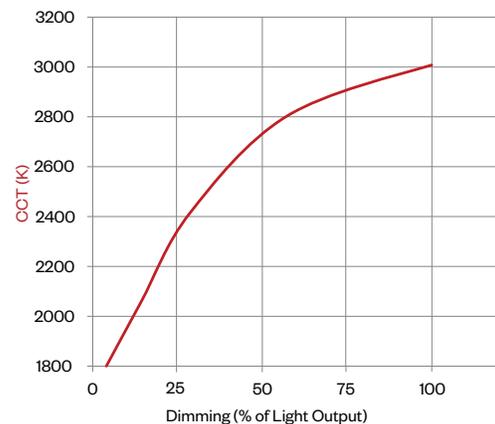| Watts	Delivered Lumens	LPW	Color Temp-CRI
15	699	47.5	3000K-83

Data is based on 3000K-83 120V IES files available on website.
Data is based on SA trim, VNF optic. See pages 8-11 for other performance data.
Includes 2W for thermal protector.

Electrical Data

	15W		
Voltage	System Watts	Amps	
120V	15	0.13	
277V	16	0.06	

Electronic constant current LED driver.
Includes thermal protector, 2W power consumption.

Dim-To-Warm CCT Curve

Graph — CCT (K) vs Dimming (% of Light Output)

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Hornet® HP
Square Downlights, **Dim-To-Warm**

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PROJECT:	TYPE:

Ordering Information - Housing/Frame

_____ . _____ . ____ . ____ . _____ . _____

1   **2**   **3**   **4**   **5**   **6**

1	Model
	<u>For New Construction</u>
	HDL-HP-S-NC-DTW-A17 *(New Construction)*
	HDL-HP-S-CP-DTW-A17 *(Chicago Plenum (CCEA) housing)*
	HDL-HP-S-IC-DTW-A17 *(Insulated Ceiling/air tight)*
	<u>For Existing Ceilings</u>
	HDL-HP-S-REM-DTW-A17 *(Remodeler)*

2	Style
	T trimmed
	TL trimless
	MWK^R millwork *(for 1/2" - 11/16" ceiling thickness)*
	MWK1^R millwork *(for 3/4" - 1-1/2" ceiling thickness)*
	MWK2^R millwork *(for 1-1/2" - 2" ceiling thickness)*
	^RNot available for use with Remodeler model

3	Wattage
	15

4	Voltage
	120
	277
	120/277 *(for use with IC housing only)*

5	Driver *(for non-dimming, select LE/TE option)*
	<u>Wired</u>
	LE/TE TRIAC/ELV dimming
	HILUME-H-ECO - Lutron LDE1 Hi-lume® 1% dim Soft-On/Fade-to-Black
	0-10V 0-10V dimming, 1% dim
	DALI DALI dimming, 1% dim
	<u>Wireless</u>
	AWNR-010* Lutron Athena wireless node, RF only, 0-10V
	BN-BT-010* BubblyNet Bluetooth node, 0-10V
	* Consult factory for lead time.

6	Options/Accessories
	EM - emergency battery pack with remote test switch *(not available for use with REM, CP or IC options)*
	HB49 - hanger bars from min 29" to max 49" *(not available for use with REM options)*
	Note: 26" hanger bars are included as standard. Choose HB49 option above for larger mounting spaces only.

Ordering Information - Trim

_____ . _____ . ____ . ____ . _____ . _____

1   **2**   **3**   **4**   **5**   **6**

1	Model
	HDL-HP-SD-DTW-A17 *(downlight)*
	HDL-HP-SA-DTW-A17 *(adjustable)*
	HDL-HP-SPA-DTW-A17 *(pinhole adjustable)*
	HDL-HP-SPASHW-DTW-A17 *(shower, not available in trimless)*

2	Style
	T trimmed
	TL trimless *(not available for use with SPASHW trim)*
	MWK millwork *(not available for use with SPASHW trim)*

3	Finish
	<u>RD/RA Trims</u>
	<u>Trimmed</u> <u>Trimless/Millwork</u>
	MBW matte black, white flange **MB** matte black
	MWW matte white, white flange **MW** matte white
	SLVW matte silver, white flange **SLV** matte silver
	MBB matte black, black flange
	SLVS matte silver, silver flange
	<u>RPA/RPAS/RPASHW Trims</u> *(T/TL/MWK)*
	MB matte black
	MW matte white
	SLV matte silver

4	Beam Spread	
	RD/RA	RPA/RPAS/RPASHW
	VNF	**VNF**
	MFL	**FL**
	FL	
	WF	
	VNF very narrow flood, MFL medium flood, FL flood 28°, WF wide flood	

5	Color Temp
	<u>95 CRI</u>
	309 3000K-95

6	Options/Accessories
	HEX hexcell louver *(not available for use with SPASHW trim)*
	SOL solite beam softening lens *(comes standard with SPASHW trim)*

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Hornet® HP
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PROJECT:	TYPE:

Specifications

Application
Hospitality and commercial ambient, accent & display lighting

Construction
20 ga. galvanized steel frame
18 ga. galvanized steel splice housing and hanger brackets *(not for Remodeler version)*
Cast aluminum plaster frame with perforated face *(for trimless version only)*
Die-cast optical housing and trim
Die-cast heat sink

Optical
Beam Spreads: Very Narrow Flood, 18°; Medium Flood, 25°;
Flood, 35° *(28° in SPA)*; Wide Flood, 45° *(see photometric data, pgs 8-11 for exact beams by fixture type)*
Adjustable Trims: 0-30° tilt (0-20° in SPA), 358° rotation

LED
Color Temp Options: 3000K (dims to 1800K)
CRI: 95 typ.
R9 Values: 85 *(95 CRI)*
Binning: 3 MacAdam *(SDCM)*
Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs

Electrical
Wattage: 15W
Electronic constant current LED driver, 120/277VAC input
This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Amerlux® recommends using additional surge protection with this unit (supplied by others), surge and over voltage damage is not covered under warranty.
Note: *Drivers are universal but thermal protector is voltage specific*

Drivers
LE/TE - Leading Edge *(Triac, Forward Phase)* or Trailing Edge *(ELV, Reverse Phase)*
0-10V, Lutron and DALI systems also available
See pages 12-13 for more dimming information

Finish
Powder coat paint/wet paint
Consult factory for custom finishes

Mounting
26" Hanger bars included *(except for Remodeler versions)*
Optional **HB49** - hanger bars from min 29" to max 49" available
Trimmed Fixture:
For use in grid or sheetrock ceilings, 5/8" - 2" standard
Trimless Fixture *(not available with Shower trim)***:**
For use in sheetrock ceilings, max ceiling thickness 5/8"
Millwork Fixture:
Millwork extension collars are based on ceiling material specifications and thickness. Provides flush trim appearance level with ceiling material. Max thickness 2"
Not available for use with Remodeler model

Certifications
CSA damp as tested to UL 1598 standards
IC/AT rated *(optional)*
Damp location
JA10 compliant for Title 24 per L Test 13005791.01A *(available upon request)*

Warranty
5 year limited warranty

Emergency Battery Pack *(EM)*
Powers fixture at 5.1 watts *(approx. 400 Lm)* for 90 minutes *(not for use with REM, CP or IC versions)*
See wiring schematic on pg 14.

Optional RF Node
Amerlux® has partnered with control companies to create building environments that are safer, and smarter, than ever before. At the heart of our partnership is intelligent RF nodes, the most advanced digital wireless communication available today. Integrated into Amerlux products.

Accessories *(diagram shows installation order)*

Hexcell, optical film, solite lens

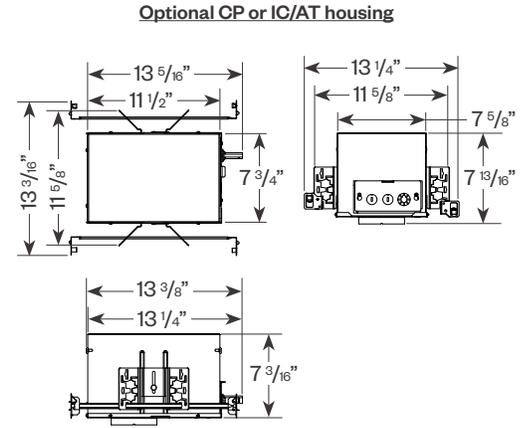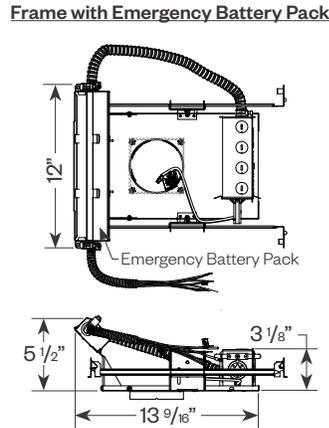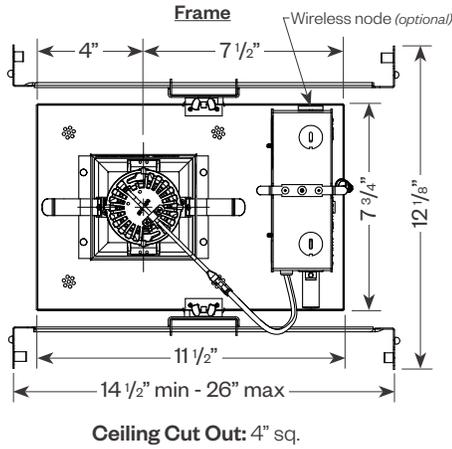## Delta Intelligent Building Technologies

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Hornet® HP

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PROJECT:	TYPE:

Product Details - Trimmed

Frame
Wireless node *(optional)*

4" — 7 1/2"
7 3/4"
12 1/8"
11 1/2"
14 1/2" min - 26" max

Ceiling Cut Out: 4" sq.

Frame with Emergency Battery Pack

12"
Emergency Battery Pack
5 1/2"
3 1/8"
13 9/16"

Optional CP or IC/AT housing

13 5/16"
11 1/2"
13 3/8"
11 5/8"
7 3/4"
13 1/4"
11 5/8"
7 5/8"
7 13/16"
13 3/8"
13 1/4"
7 3/16"

Downlight

3 3/16"
5/8"
3 1/2"
4 3/8"
4 3/8"

Adjustable

3 11/16"
5/8"
30°
3 1/2"
4 3/8"
4 3/8"
4 3/8"

Pinhole Adjustable

3 1/4"
5/8"
20°
1 13/16"
4 3/8"
4 3/8"

Pinhole Adjustable Shower

3 1/4"
5/8"
20°
1 13/16"
4 3/8"
4 3/8"

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Hornet® HP
Square Downlights, **Dim-To-Warm**

PROJECT:	TYPE:

Product Details - Trimless & Millwork

Downlight
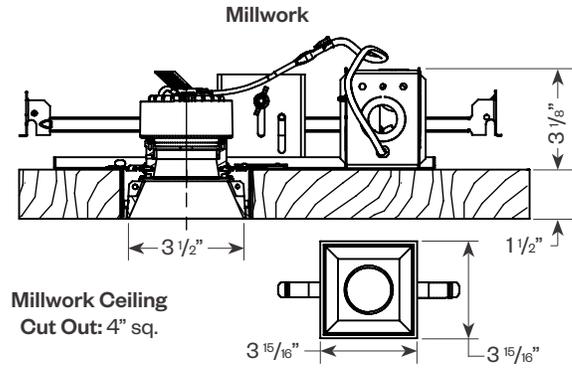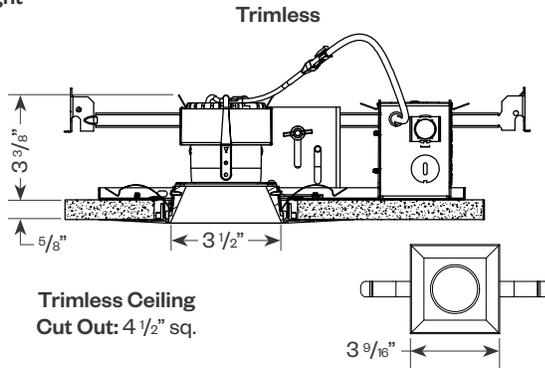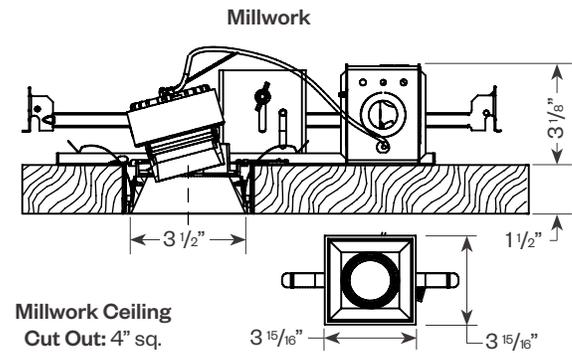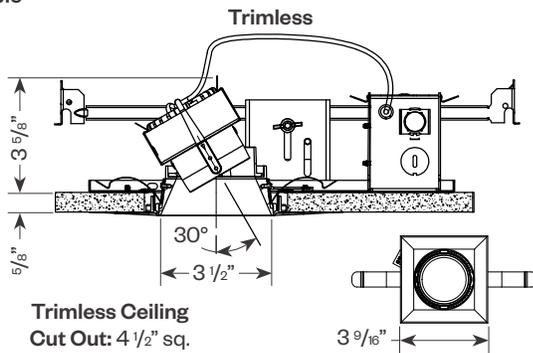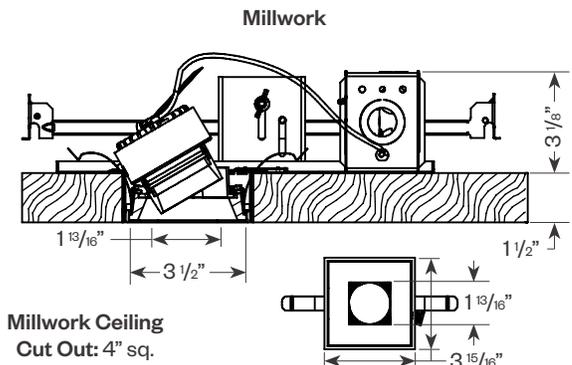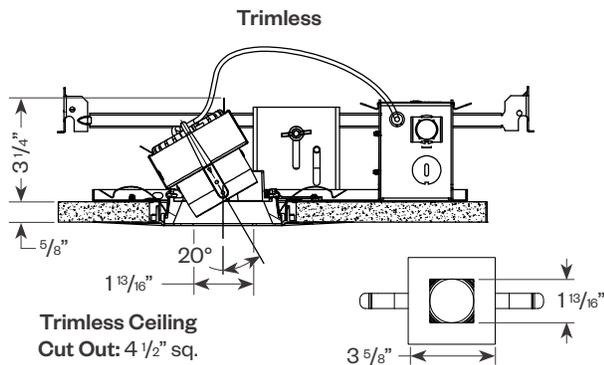
Trimless

3 3/8"

5/8" 3 1/2"

**Trimless Ceiling
Cut Out:** 4 1/2" sq.

3 9/16"

Millwork

3 1/8"

3 1/2" 1 1/2"

**Millwork Ceiling
Cut Out:** 4" sq.

3 15/16" 3 15/16"

Adjustable

Trimless

3 5/8"

5/8"

30° 3 1/2"

**Trimless Ceiling
Cut Out:** 4 1/2" sq.

3 9/16"

Millwork

3 1/8"

3 1/2" 1 1/2"

**Millwork Ceiling
Cut Out:** 4" sq.

3 15/16" 3 15/16"

Pinhole Adjustable

Trimless

3 1/4"

5/8"

20°

1 13/16"

**Trimless Ceiling
Cut Out:** 4 1/2" sq.

3 5/8" 1 13/16"

Millwork

3 1/8"

1 13/16"

3 1/2" 1 1/2"

**Millwork Ceiling
Cut Out:** 4" sq.

1 13/16"

3 15/16"

Plaster Frame Installation Detail *(for trimless fixture only)*

1. Reflector Trim
2. Aperture Plate
3. Ceiling 5/8"
4. Cast Aluminum Plaster Frame
5. Plaster Skim Coat (by others)
6. 6-32 Type F Thread Cutting Screw
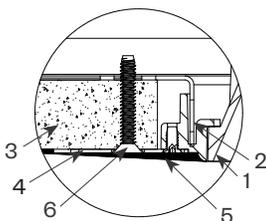
Millwork Detail

1. Reflector Trim
2. Millwork Ring
3. Aperture Plate
4. Wood Ceiling 2" Max
5. Extension collar (see ordering information for ceiling thicknesses)
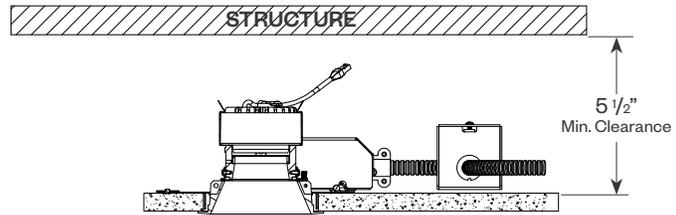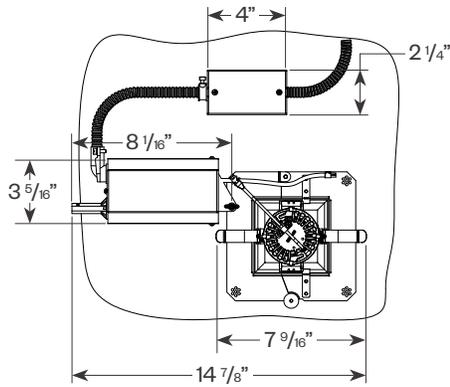6. 1/16" required for trim to be flush with ceiling

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Square Downlights, **Dim-To-Warm**
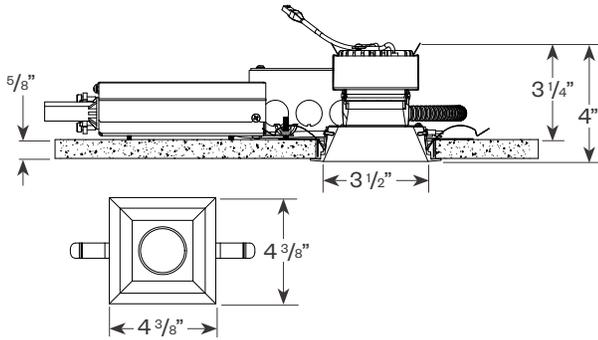
amerlux
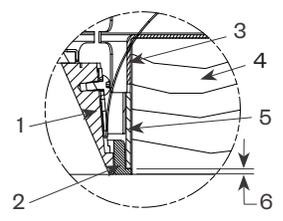
PROJECT:	TYPE:

Product Details - Remodeler Trimmed

Ceiling Cut Out: 4" sq.

Downlight

Adjustable
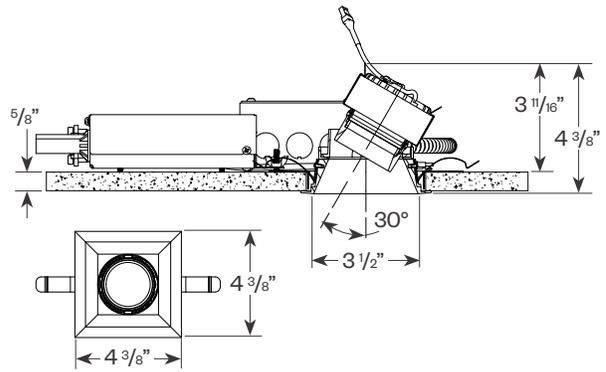
Pinhole Adjustable
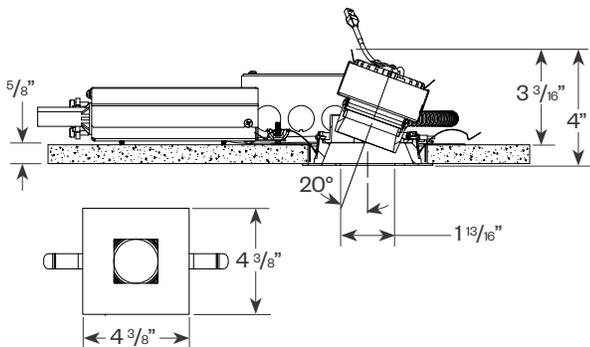
Pinhole Adjustable Shower
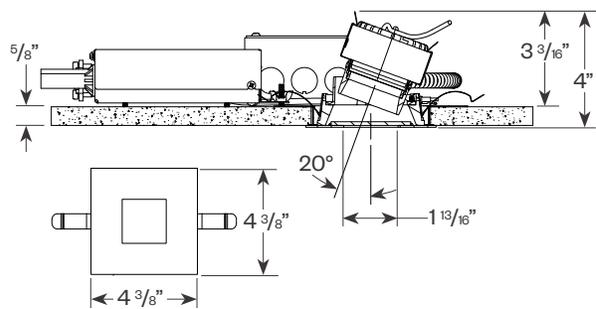
Delta Intelligent Building Technologies

Hornet® HP

Square Downlights, **Dim-To-Warm**

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PROJECT:	TYPE:

Product Details - Remodeler Trimless

4"
2 1/4"
8 1/16"
3 5/16"
7 9/16"
14 7/8"

STRUCTURE

5 1/2"
Min. Clearance
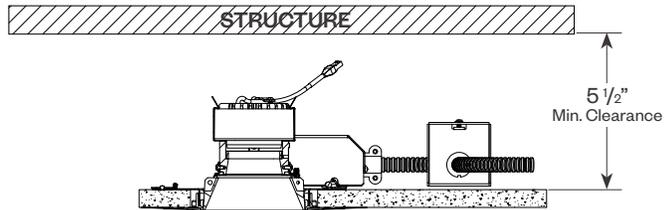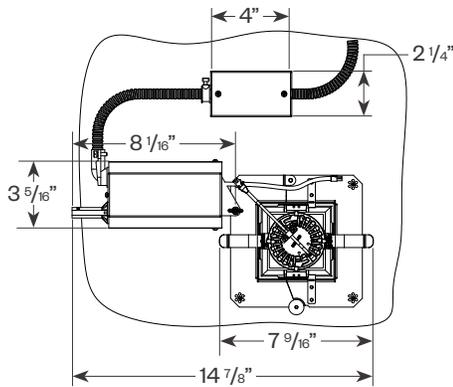
Trimless Ceiling Cut Out: 4 1/2" sq.

Downlight
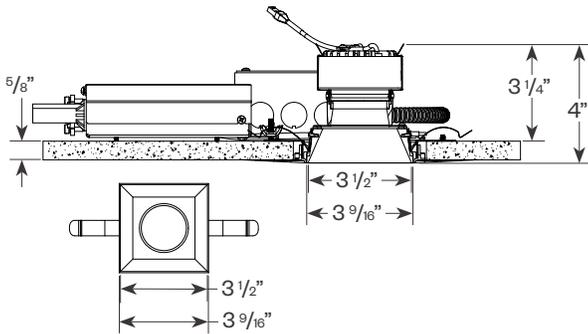
5/8"
3 1/4"
4"
3 1/2"
3 9/16"
3 1/2"
3 9/16"

Adjustable

5/8"
3 5/8"
4 3/8"
30°
3 1/2"
3 9/16"
3 1/2"
3 9/16"

Pinhole Adjustable

5/8"
3 1/8"
3 7/8"
20°
1 13/16"
3 5/8"
1 13/16"
3 5/8"
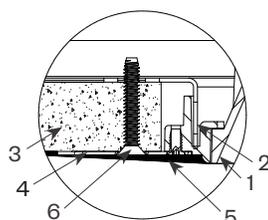
Plaster Frame Installation Detail *(for trimless fixture only)*

1. Reflector Trim
2. Aperture Plate
3. Ceiling 5/8"
4. Cast Aluminum Plaster Frame
5. Plaster Skim Coat (by others)
6. 6-32 Type F Thread Cutting Screw

3 2 4 1 6 5

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Hornet® HP

Square Downlights, **Dim-To-Warm**
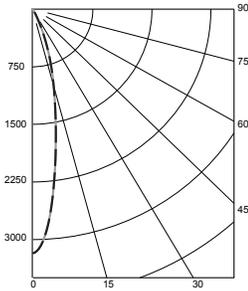
amerlux

PROJECT:	TYPE:

Performance Data - Round Downlight *(HDL-HP-SD-DTW)*

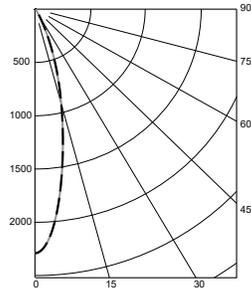*(Complete photometric data (.ies format) available on website)*

15W LED, 3000K-95

Very Narrow Flood (VNF)
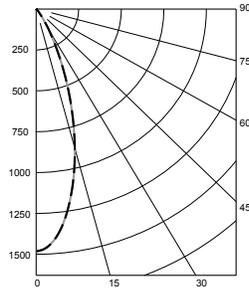**Distribution, 18º**
LTL #11919582.12
Lumens: 672

Candelas at Nadir

Deg	Candela
0	3179
5	2638
15	1030
25	252
35	43
45	10

Medium Flood (MFL)
Distribution, 25º
LTL #11919582.13
Lumens: 609

Candelas at Nadir

Deg	Candela
0	2291
5	2024
15	942
25	267
35	50
45	11

Flood (FL)
Distribution, 35º
LTL # 11919582.14
Lumens: 582

Candelas at Nadir

Deg	Candela
0	1481
5	1395
15	882
25	331
35	63
45	13

Wide Flood (WF)
Distribution, 45º
LTL # 11919582.15
Lumens: 540
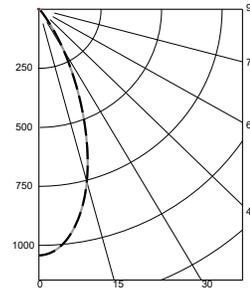
Candelas at Nadir

Deg	Candela
0	1042
5	1007
15	751
25	359
35	85
45	15

Application Data - Round Downlight *(HDL-HP-SD-DTW)*
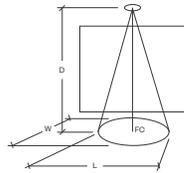
Notes and Definitions:

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).

Very Narrow Flood — 0º Aiming Angle Horizontal Footcandles

D	FC	L	W
5.0'	122	1.8	1.8
7.5'	55	2.9	2.9
10.0'	31	3.7	3.7
12.5'	20	4.6	4.6

Medium Flood — 0º Aiming Angle Horizontal Footcandles

D	FC	L	W
5.0'	88	2.3	2.3
7.5'	40	3.3	3.3
10.0'	23	4.4	4.4
12.5'	15	5.5	5.5

Flood — 0º Aiming Angle Horizontal Footcandles

D	FC	L	W
5.0'	57	3.0	3.0
7.5'	26	4.4	4.4
10.0'	15	5.7	5.7
12.5'	9	7.2	7.2

Wide Flood — 0º Aiming Angle Horizontal Footcandles

D	FC	L	W
5.0'	40	3.4	3.4
7.5'	18	5.1	5.1
10.0'	10	6.9	6.9
12.5'	7	8.5	8.5

Delta Intelligent Building Technologies

Hornet® HP

Square Downlights, **Dim-To-Warm**
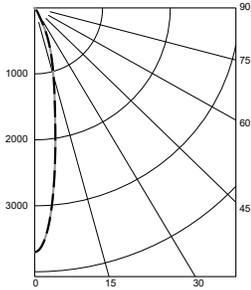
PROJECT:	TYPE:

Performance Data - Round Adjustable *(HDL-HP-SA-DTW)*

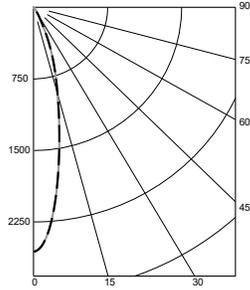*(Complete photometric data (.ies format) available on website)*

15W LED, 3000K-95

Very Narrow Flood (VNF)
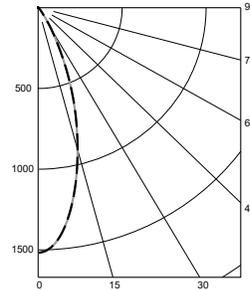Distribution, 18º
LTL #11919582.16
Lumens: 699

Candelas at Nadir

Deg	Candela
0	3704
5	2907
15	1010
25	285
35	42
45	12

Medium Flood (MFL)
Distribution, 25º
LTL #11919582.17
Lumens: 652

Candelas at Nadir

Deg	Candela
0	2561
5	2215
15	967
25	296
35	49
45	14

Flood (FL)
Distribution, 35º
LTL # 11919582.18
Lumens: 611

Candelas at Nadir

Deg	Candela
0	1517
5	1431
15	911
25	358
35	63
45	15

Wide Flood (WF)
Distribution, 45º
LTL # 11919582.19
Lumens: 579
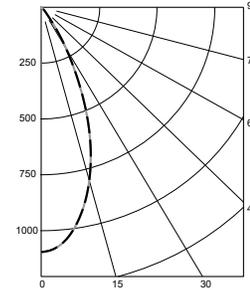
Candelas at Nadir

Deg	Candela
0	1096
5	1059
15	798
25	395
35	83
45	17

Application Data - Round Adjustable *(HDL-HP-SA-DTW)*
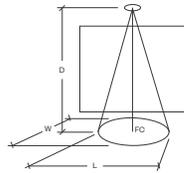
Notes and Definitions:
Beam spread is to 50% center beam candlepower (CBCP).
D=Distance to floor or wall.
FC=Footcandles on floor or wall at center beam aiming location.
L=Effective Visual Beam length in feet (50% of maximum footcandle level).
W=Effective Visual Beam width in feet (50% of maximum footcandle level).

Very Narrow Flood — 0º Aiming Angle Horizontal Footcandles

D	FC	L	W
5.0'	142	1.6	1.6
7.5'	64	2.5	2.5
10.0'	36	3.3	3.3
12.5'	23	3.9	3.9

Medium Flood — 0º Aiming Angle Horizontal Footcandles

D	FC	L	W
5.0'	99	2.1	2.1
7.5'	44	3.2	3.2
10.0'	25	4.1	4.1
12.5'	16	5.2	5.2

Flood — 0º Aiming Angle Horizontal Footcandles

D	FC	L	W
5.0'	59	3.0	3.0
7.5'	26	4.4	4.4
10.0'	15	5.8	5.8
12.5'	10	7.3	7.3

Wide Flood — 0º Aiming Angle Horizontal Footcandles

D	FC	L	W
5.0'	42	3.5	3.5
7.5'	19	5.3	5.3
10.0'	11	7.0	7.0
12.5'	7	8.7	8.7

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178 Bauer Drive, Oakland, NJ 07436 • P: 973-882-5010 F: 973-882-2605 • amerlux.com
Amerlux reserves the right to change details that do not affect overall function and performance.
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Hornet® HP

Square Downlights, **Dim-To-Warm**

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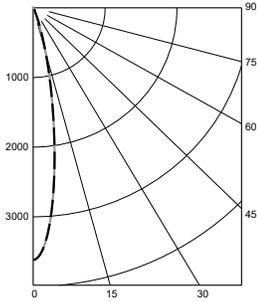| **PROJECT:**	**TYPE:**

Performance Data - Round Pinhole Adjustable *(HDL-HP-SPA-DTW)*

(Complete photometric data (.ies format) available on website)

15W LED, 3000K-95
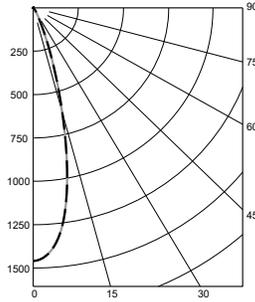
Very Narrow Flood (VNF)
Distribution, 18°
LTL #11919582.22
Lumens: 457

Candelas at Nadir

Deg	Candela
0	3620
5	2876
15	595
25	60
35	22
45	3

Flood (FL)
Distribution, 28°
LTL # 11919582.23
Lumens: 376

Candelas at Nadir

Deg	Candela
0	1460
5	1375
15	635
25	108
35	25
45	4

Application Data - Round Pinhole Adjustable *(HDL-HP-SPA-DTW)*
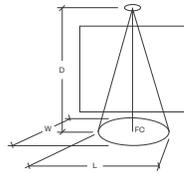
Notes and Definitions:
Beam spread is to 50% center beam candlepower (CBCP).
D=Distance to floor or wall.
FC=Footcandles on floor or wall at center beam aiming location.
L=Effective Visual Beam length in feet (50% of maximum footcandle level).
W=Effective Visual Beam width in feet (50% of maximum footcandle level).

Very Narrow Flood

	0° Aiming Angle Horizontal Footcandles		
D	FC	L	W
5.0'	139	1.5	1.5
7.5'	63	2.4	2.4
10.0'	36	3.1	3.1
12.5'	23	3.8	3.8

Flood

	0° Aiming Angle Horizontal Footcandles		
D	FC	L	W
5.0'	56	2.5	2.5
7.5'	25	3.6	3.6
10.0'	14	4.8	4.8
12.5'	9	5.9	5.9

Hornet® HP

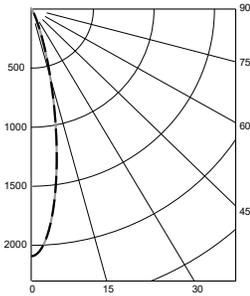## Square Downlights, **Dim-To-Warm**

PROJECT:	TYPE:

Performance Data - Round Pinhole Adjustable Shower *(HDL-HP-SPASHW-DTW)*

(Complete photometric data (.ies format) available on website)

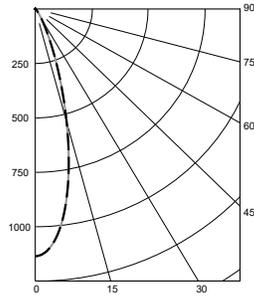### 15W LED, 3000K-95

Very Narrow Flood (VNF)
Distribution, 23°
LTL #11919582.20
Lumens: 428

Candelas at Nadir

Deg	Candela
0	2092
5	1830
15	641
25	115
35	26
45	7

Flood (FL)
Distribution, 28°
LTL # 11919582.21
Lumens: 354

Candelas at Nadir

Deg	Candela
0	1135
5	1057
15	545
25	143
35	34
45	9

Application Data - Round Pinhole Adjustable Shower *(HDL-HP-SPASHW-DTW)*
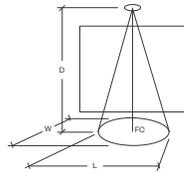
Notes and Definitions:

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).

Very Narrow Flood — 0° Aiming Angle Horizontal Footcandles

D	FC	L	W
5.0'	81	2.0	2.0
7.5'	36	2.9	2.9
10.0'	21	3.9	3.9
12.5'	13	4.9	4.9

Flood — 0° Aiming Angle Horizontal Footcandles

D	FC	L	W
5.0'	44	2.6	2.6
7.5'	20	3.7	3.7
10.0'	11	5.0	5.0
12.5'	7	6.2	6.2

Delta Intelligent Building Technologies

Hornet® HP

Square Downlights, **Dim-To-Warm**

amerlux

PROJECT:	TYPE:

Dimming Compatibility

Amerlux® Hornet® fixtures are compatible with all major dimming protocols prevalent in the United States. Please see below for general compatibilities and wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration (Dimmer, Fixture Quantity, Voltage, etc) may affect dimming performance.

--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---
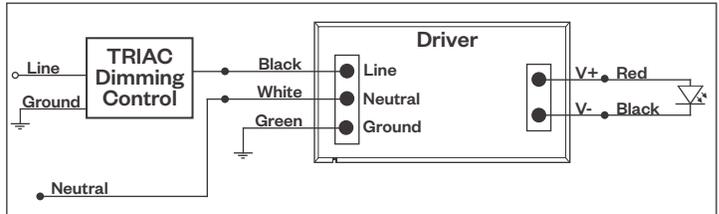
TRIAC *(Forward Phase)* DIMMING *(Standard)*

Utilizes standard TRIAC dimmers that are in wide use in installations across the US. Best for retrofit applications where TRIAC dimmers are installed.

Notes:
- 120VAC or 277VAC*
- Dims down to 5% light output (most cases)
- Consult Dimming manufacturer for installation instructions - **DO NOT SHARE NEUTRALS!**
- Must meet dimmer Minimum Load Requirements per dimming manufacturer

TRIAC Wiring Diagram

Compatible Dimmers†:

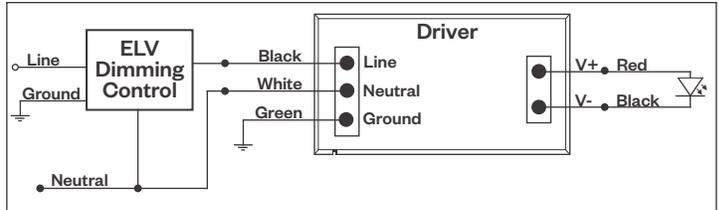| Wall Box *(TRIAC 120VAC)*	Central System
Lutron "Diva"	Lutron "GP" Panel
Lutron "Nova-T"	Lutron Grafik Eye QS
Lutron "Maestro"	
Lutron "Skylark"	

ELV - Electronic Low Voltage *(Reverse Phase)* DIMMING *(Standard)*

Utilizes specialized "ELV" dimmers.

Notes:
- 120VAC or 277VAC*
- Dims down to 5% light output (most cases)
- Consult Dimming manufacturer for installation instructions - **DO NOT SHARE NEUTRALS!**
- Must meet dimmer Minimum Load Requirements per dimming manufacturer

ELV Wiring Diagram

Compatible Dimmers†:

Wall Box *(ELV 120VAC)*	Wall Box *(ELV 277VAC)*	Central System
Lutron "Diva"	Leviton Revoir II AWSMT-E	Lutron "GP" Panel with PHPM-PA 120/277VAC
Lutron "Nova-T"		Lutron Grafik Eye QS with PHPM-PA 120/277VAC
Lutron "Maestro"		
Lutron "Skylark"		
Leviton "Surslide"		
Leviton "Vizio"		

Notes:

* Driver is 277VAC dimmable with appropriate dimmer (by others). All provided wiring diagrams show 120VAC wiring colors and method. Please refer to 277VAC dimmer installation instructions for 277VAC wiring diagrams.

† The absence of a dimmer from the lists above does not imply incompatibility. Please consult factory for compatibility inquiries.

Delta Intelligent Building Technologies

Hornet® HP
Square Downlights, **Dim-To-Warm**

amerlux

PROJECT:	TYPE:

Dimming Compatibility *(continued)*

Amerlux® Hornet® fixtures are compatible with all major dimming protocols prevalent in the United States. Please see below for general compatibilities and wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration (Dimmer, Fixture Quantity, Voltage, etc) may affect dimming performance.

**--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---**

0-10V DIMMING

Integrates into a variety of building management and daylighting controls

Notes:
- 120VAC or 277VAC*
- Dims down to 1% light output
- Requires interface to turn off power to driver
- Consult Dimming manufacturer for installation instructions - **DO NOT SHARE NEUTRALS!**

0-10V Wiring Diagram
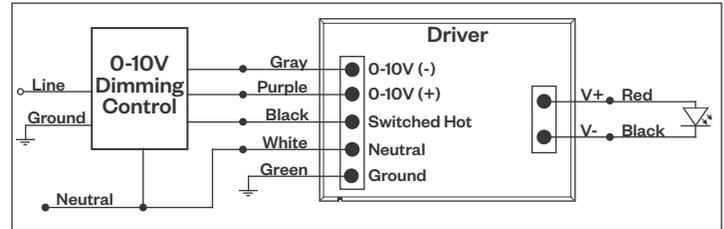
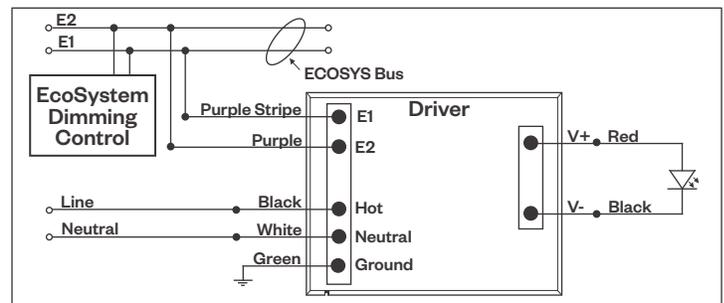| Compatible Dimmers†:		
Wall Box		**Central System**
Lutron "Diva" - DVSTV	Leviton Renoir II 0-10V	Lutron Grafik Eye with GRX-TVI Interface

LUTRON LDE1 DIMMING

Integrates into Lutron EcoSystem building management

Notes:
- 120VAC or 277VAC*
- Dims down to 1% light output
- EcoSystem Control
- Consult Dimming manufacturer for installation instructions - **DO NOT SHARE NEUTRALS!**

LDE1 *(HILUME-H-ECO)* **EcoSystem Digital Control Wiring Diagram**

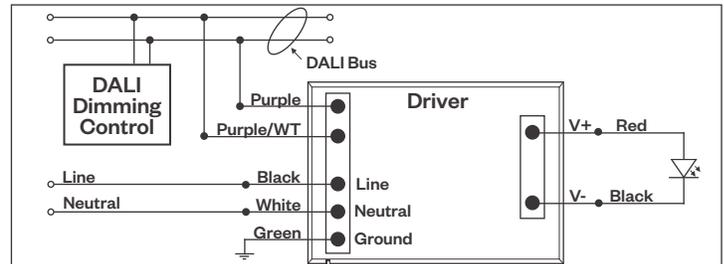| Compatible Dimmers†:	
Lutron ECO System	**Central System**
Pow Pak Dimming Modules	Lutron EcoSystem compatible controls
Energi Savr Node	
Grafik Eye QS/Homeworks	
QS Control Unit	
Quantum Hub	
Homeworks QS/My Room	

DALI DIMMING

Digital control protocol allows individual fixture control

Notes:
- 120VAC - 277VAC*
- Dims down to 1% light output in most cases

DALI Wiring Diagram

Compatible Dimmers†:	
Wall Box *(3-Wire Fluorescent)*	**Central System**
Leviton CD250 Controller	Dynalite
	Fifth Light

Notes:

* Driver is 277VAC dimmable with appropriate dimmer (by others). All provided wiring diagrams show 120VAC wiring colors and method. Please refer to 277VAC dimmer installation instructions for 277VAC wiring diagrams.

† The absence of a dimmer from the lists above does not imply incompatibility. Please consult factory for compatibility inquiries.

Delta Intelligent Building Technologies

Hornet® HP
Square Downlights, **Dim-To-Warm**

PROJECT: **TYPE:**

Emergency Battery Pack

Wiring Diagram

Delta Intelligent Building Technologies