

# Direct Wall Wash

## Track Head



PROJECT:

TYPE:

### Features

Small in size, high in output, DWW outperforms others, time after time. With unique optics, code-ready dimmability, and horizontal close to track mounting, DWW enhances your merchandise at a good value.



### Product Overview

Type: Track Accent & Display  
 Wattage: 28W, 37W, 38W (HP only)  
 Color Temp: 2700K, 3000K, 3500K, 4000K  
 CRI: 83 typ. or 90+ typ.  
 Class A 3000K LED available  
 Dimming: TRIAC & ELV, 5% Dim  
 ELV dimming (38W only)

### Certifications



### Fixture Summary

#### Performance Data

Watts	Delivered Lumens	LPW	Color Temp-CRI
<b>DWW-H</b>			
28	2865	104.4	3500K-83
37	4308	121.8	3500K-83
<b>DWW-HP-H</b>			
38	5116	133.8	3500K-83

Data is based on 3000K-83 120V IES files available on website.

#### Electrical Data

	DWW-H				DWW-HP-H	
	28W		37W		38W	
	System Watts	Amps	System Watts	Amps	System Watts	Amps
120V	28	0.24	37	0.31	37.6	0.31

Electronic constant current LED driver.

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**Ordering Information**



1	Model	2	Wattage	3	Finish
	DWW-H (horizontal) DWW-HP-H (horizontal, 38W only)		28* 37 38* (for use with DWW-HP-H only)		WT white texture BT black texture ST silver texture <i>Other finishes, consult factory</i>
4	Mounting	5	Voltage	6	Beam Spread
	TS1 Global GES/H-Style, 1 circuit TJ1 J-Style, 1 circuit TL1 L-Style, 1 circuit		120		WW wall wash
7	Color Temp			8	Driver
	83 CRI      90+ CRI				28W or 37W
	27 2700K-83    279 2700K-90+    3CLA <sup>†</sup> 3K Class A				LE/TE TRIAC/ELV dimming
	30 3000K-83    309 3000K-90+				
	35* 3500K-83    359 3500K-90+				38W
	40 4000K-83    409 <sup>††</sup> 4000K-90+				ELV ELV dimming
	<sup>†</sup> Not available for use with DWW-HP-H model				
	<sup>††</sup> Consult factory for lead time				



\* Only 28W or 38W (HP) 3500K-83 option is DLC approved.

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### Specifications

#### Application

Retail, Grocery and Commercial wall wash lighting

#### Construction

Die-cast aluminum fixture head, front door, heat sink and driver housing end plates.  
No exposed wiring

#### Optical

0-90° tilt, 360° rotation  
Wall wash beam spread

#### LED

Color Temp Options: 2700K, 3000K, 3500K, 4000K  
CRI: 83 typ. or 90+ typ.  
Class A\* 3000K LED (not available for use with DWW-HP-H model)  
R9 Values: 11 (83 CRI), 55 (90+ CRI)  
Binning: 3-step MacAdam ellipse (SDMC)  
Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs  
\*Class A LED: Class A LED's have a CRI > 80 and a GAI > 80. CRI defines color "Naturalness" and GAI defines color "Saturation." Both being high delivers rich colors and pure whites.

#### Electrical

Wattage: 28W, 37W, 38W  
Electronic constant current LED driver, 120V 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.**

#### Driver

For 28W or 37W:

LE/TE - Leading Edge (Triac, Forward Phase) or Trailing Edge (ELV, Reverse Phase) autosensing driver dims to 5% on most dimming systems.

For 38W:

ELV - ELV dimming, 5% dim

See dimming pages for more information.

#### Finish

Powder coat paint.

Standard Colors: White Texture, Black Texture, Silver Texture

Consult factory for custom RAL powder coat finishes

#### Mounting

Single circuit track, 120V

**Note: Recommend track fixture mounting to horizontal surface mounted/pendant mounted track only**

#### Certifications

Approved to UL standards as tested by CSA

Intended for indoor use only

DLC approved for 28W or 38W HP 3500K 83 CRI only.

See ordering page for details.

#### Warranty

5 year limited warranty

# Direct Wall Wash

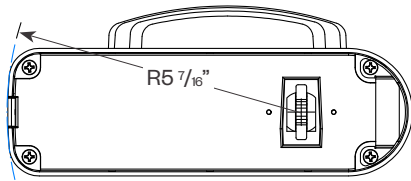
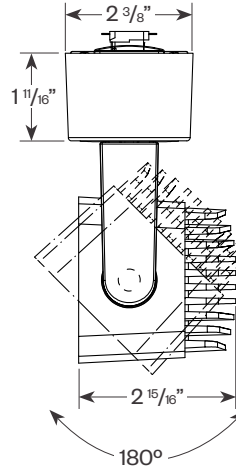
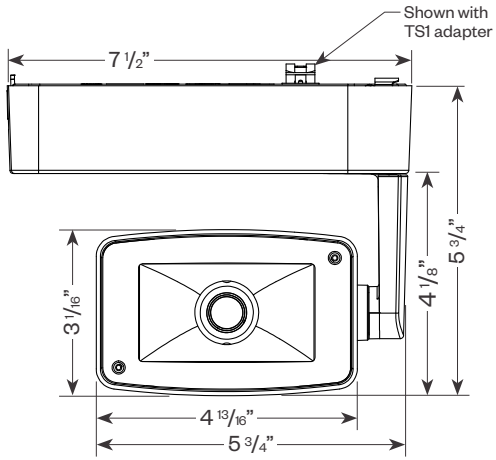
## Track Head



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TYPE:

### Product Details



# Direct Wall Wash

## Track Head



<b>PROJECT:</b>	<b>TYPE:</b>
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### Performance Data

**Multiplying Factors:** (Multiplying Factor is based on 3500K-83 120V IES file on website)

CCT:	2700K-83	3000K-83	3500K-83	4000K-83
Factor:	0.94	0.98	1.0	1.02

Wattage:	28W	37W
Factor:	1.0	1.5

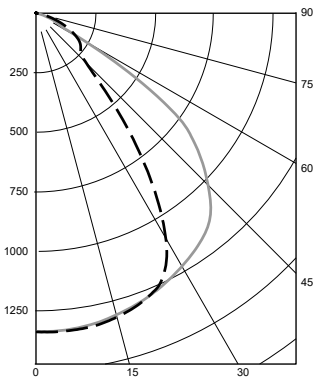
CCT:	2700K-90+	3000K-90+	3500K-90+	4000K-90+	3CLA
Factor:	0.78	0.84	0.87	0.91	0.74

**DWW LED WALL WASH 28W 3500K-83**  
 Source: 1 white LED array; Lumens: 2865

**NOTE: FOR 38W HP DATA SEE NEXT PAGE**

Track Mounting

LTL# 11955133.01A



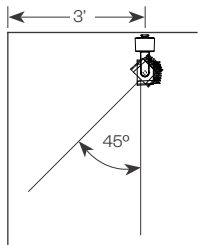
**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Fixt
0-40	1732	60.5
0-60	2643	92.3
0-90	2865	100.0
90-180	0	0.00

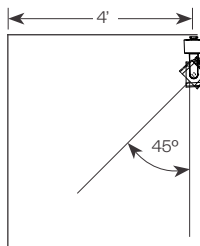
Luminaire Efficacy = 104.4 lm/W

### Application Data (footcandles on wall)

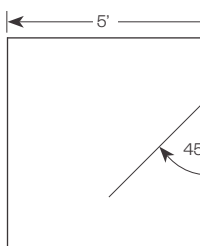
Footcandles are average and rounded off. Data for multiple units are based on a minimum of five units.



	5'								
Distance from ceiling	0.5'	1.5'	2.5'	3.5'	4.5'	5.5'	6.5'	7.5'	8.5'
	127	113	78	52	37	27	22	18	15
	129	114	79	52	37	28	22	18	15
	84	78	70	53	40	30	23	18	15
	43	61	66	56	42	30	23	18	15
	78	113	78	53	37	28	22	18	16
	127	114	79	52	37	28	22	18	16



	8'									
Distance from ceiling	0.5'	1.5'	2.5'	3.5'	4.5'	5.5'	6.5'	7.5'	8.5'	
	72	69	55	41	30	22	17	14	12	
	72	69	55	41	30	22	17	14	12	72
	55	55	48	38	28	21	17	14	12	55
	41	41	38	32	25	21	18	15	13	41
	30	30	28	26	24	21	18	15	13	30
	22	22	21	21	21	21	18	15	13	22
	17	17	17	17	18	18	17	15	13	17
	14	14	14	15	15	15	15	14	12	14
	12	12	12	13	13	13	13	12	12	12



	8'									
Distance from ceiling	0.5'	1.5'	2.5'	3.5'	4.5'	5.5'	6.5'	7.5'	8.5'	
	49	49	43	35	28	22	18	15	13	
	49	49	43	35	28	22	18	15	13	49
	43	43	39	33	28	23	19	16	14	43
	35	35	33	30	29	23	20	17	14	35
	28	28	27	26	26	23	20	17	14	28
	22	22	22	22	23	22	20	17	14	22
	18	18	18	19	19	19	19	16	14	18
	15	15	16	16	17	17	16	15	13	15
	13	13	14	14	14	14	14	14	13	13

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### Performance Data

Multiplying Factors: (Multiplying Factor is based on 3500K-83 120V IES file on website)

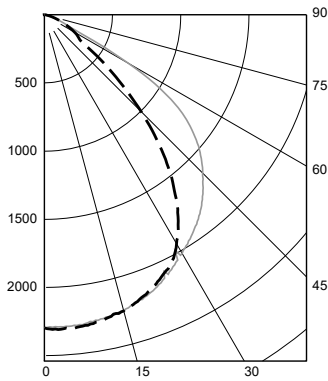
CCT:	2700K-83	3000K-83	3500K-83	4000K-83	2700K-90+	3000K-90+	3500K-90+	4000K-90+
Factor:	0.92	0.98	1.0	1.01	0.76	0.79	0.82	0.84

### DWW-HP LED WALL WASH 38W 3500K-83

Source: 1 white LED array; Lumens: 5,116

### Track Mounting

LTL# 14331166.01



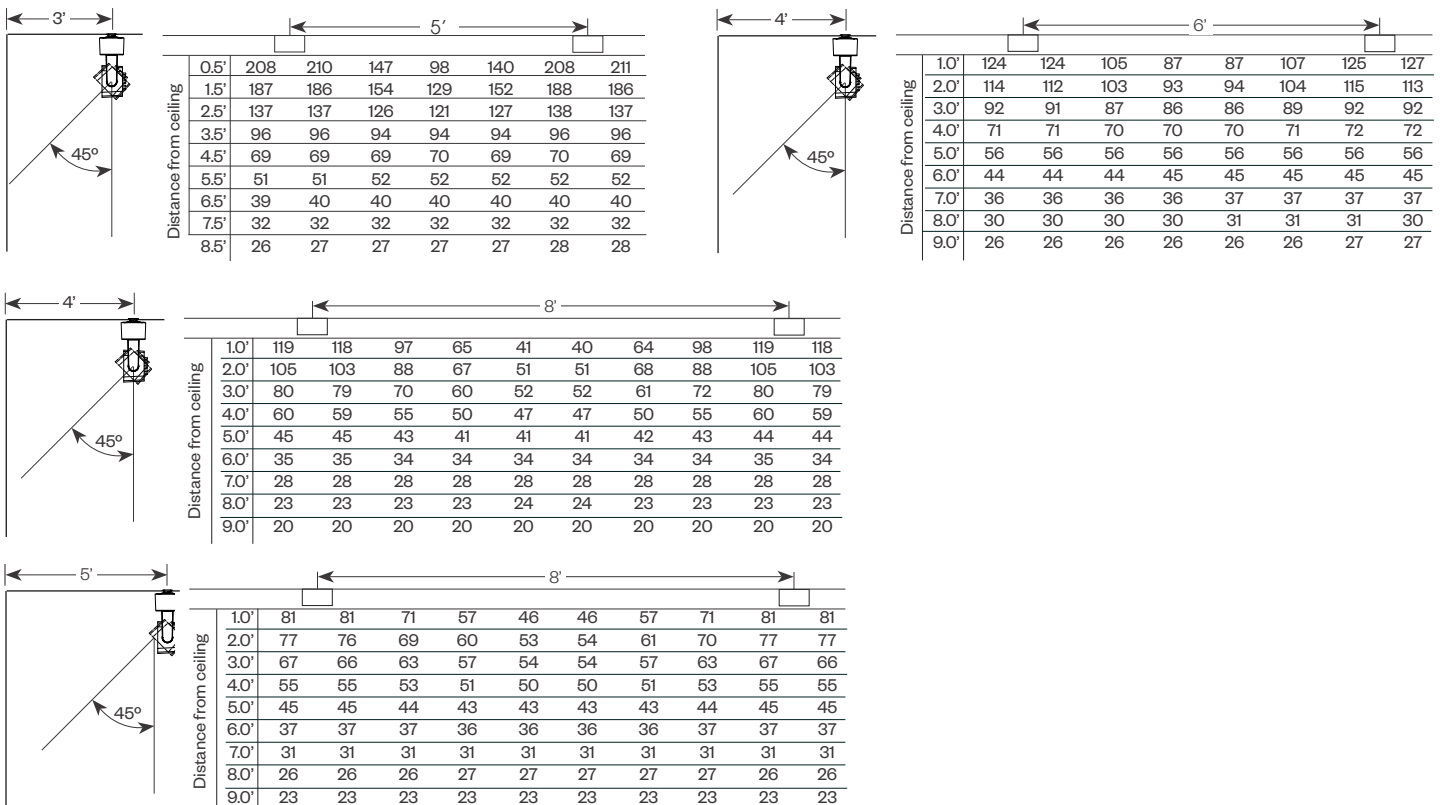
#### ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	2955	58.5
0-60	4722	93.5
0-90	5408	100.0
90-180	0	0.00

Luminaire Efficacy = 133.8 lm/W

### Application Data (footcandles on wall)

Footcandles are average and rounded off. Data for multiple units are based on a minimum of five units.



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### Dimming Compatibility

Amerlux® DWW 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 ---

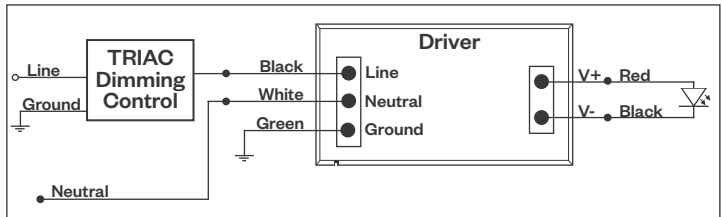
#### TRIAC (Forward Phase) Dimming

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"	

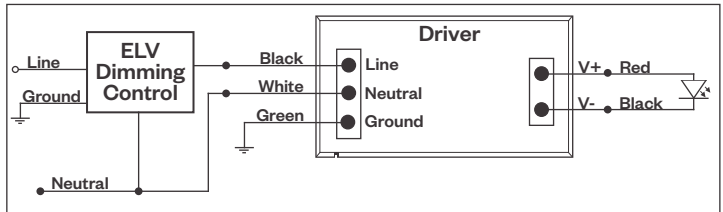
#### ELV - Electronic Low Voltage (Reverse Phase) Dimming

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.