

Direct Wall Wash

Track Head



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 Wall Wash
Wattage:	28, 37, 38 (HP only)
Lumen Output:	28W: 2865 lm; 104.4 lm/W 37W: 4308 lm max; 121.8 lm/W 38W (HP): 5,116 lm; 133.8 lm/W
Color Temp:	2700K, 3000K, 3500K, 4000K
CRI:	83 typ. or 90+ typ. Class A 3000K LED available
Dimming:	TRIAC & ELV (120/277VAC) - 5% Dim ELV - ELV dimming (38W only)

PROJECT:

TYPE:

Fixture Summary *(see following pages for more information)*

Performance Chart

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

Data is based on 3500K-83, 120V IES files available on website

Electrical Data

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

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

Electronic constant current LED driver



5 year limited warranty
AMERLUX LED



* Consult ordering sheet for DLC approved options.

Direct Wall Wash

Track Head, LED



PROJECT:

TYPE:

Ordering Information



1 Model
DWW-H (horizontal)
DWW-HP-H (horizontal, 38W only)

2 Wattage
28*
37
38* (for use with DWW-HP-H only)

3 Finish
WT - white texture
BT - black texture
ST - silver texture
Other finishes, consult factory

4 Mounting
TS1 - Global GES/H-Style, 1 circuit
TJ1 - J-Style, 1 circuit
TL1 - L-Style, 1 circuit

5 Voltage
120

6 Beam Spreads
WW - wall wash

7 Color Temp-CRI
83 CRI: **27** - 2700K-83 **279** - 2700K-90+ **3CLA⁺** - Class A
30 - 3000K-83 **309** - 3000K-90+
35* - 3500K-83 **359** - 3500K-90+
40 - 4000K-83 **409**** - 4000K-90+
** Not available for use with DWW-HP-H model*
*** Consult factory for lead time*

8 Driver
For 28W or 37W:
LE/TE - TRIAC/ELV dimming
For 38W:
ELV - ELV dimming



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

Direct Wall Wash

Track Head, LED



PROJECT:

TYPE:

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: 28, 37, 38

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

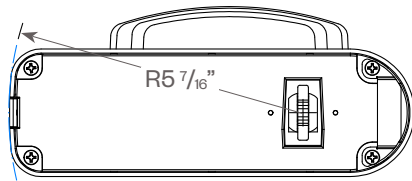
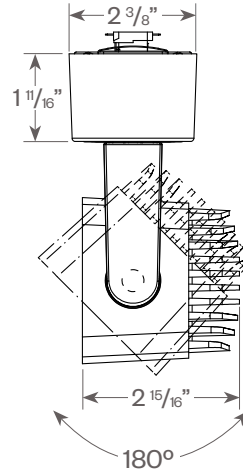
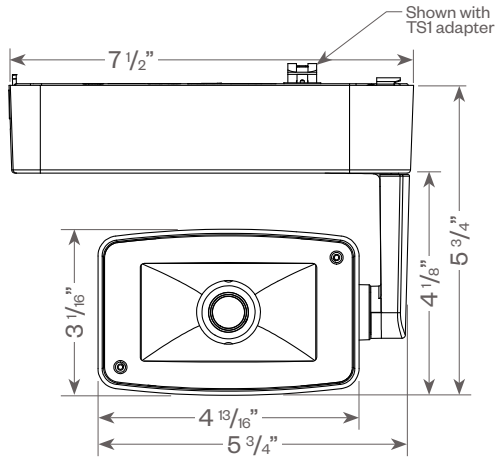
Direct Wall Wash

Track Head, LED



PROJECT:

TYPE:



Direct Wall Wash

Track Head, LED



PROJECT:

TYPE:

FIXTURE DATA: (Complete photometric data (.ies format) available upon request)

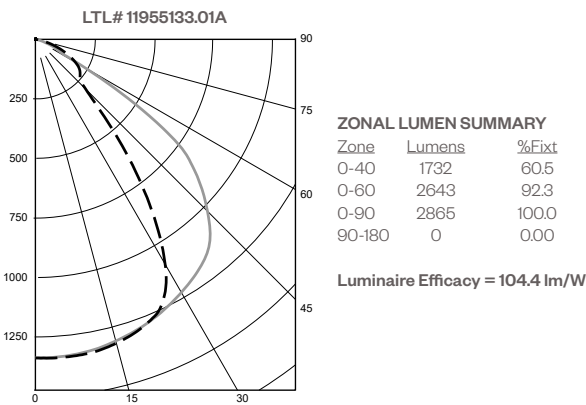
MULTIPLYING FACTORS: (Multiplying Factor is based on 3500K-83 120V IES file on website)

Wattage:	28W	37W
Factor:	1.0	1.5

CCT:	2700K-83	3000K-83	3500K-83	4000K-83	2700K-90+	3000K-90+	3500K-90+	4000K-90+	3CLA
Factor:	0.94	0.98	1.00	1.02	0.78	0.84	0.87	0.91	0.74

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

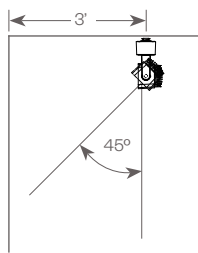
NOTE: FOR 38W HP DATA SEE NEXT PAGE



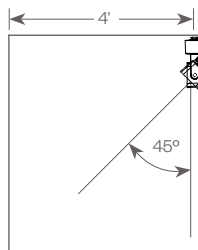
Application Data:

Footcandles on Wall

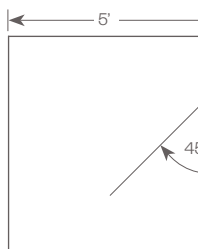
Footcandles are average and rounded off.
 Data for multiple units are based on a minimum of five units.



Distance from ceiling	5'								
	0.5'	1.5'	2.5'	3.5'	4.5'	5.5'	6.5'	7.5'	8.5'
0.5'	127	129	84	43	78	127	129		
1.5'	113	114	88	61	85	113	114		
2.5'	78	79	70	66	70	78	79		
3.5'	52	52	53	56	53	52	52		
4.5'	37	37	40	42	40	37	37		
5.5'	27	28	29	30	30	28	28		
6.5'	22	22	23	23	23	22	22		
7.5'	18	18	18	18	18	18	18		
8.5'	15	15	15	15	15	16	16		



Distance from ceiling	8'									
	0.5'	1.5'	2.5'	3.5'	4.5'	5.5'	6.5'	7.5'	8.5'	
0.5'	72	72	55	29	16	16	30	55	72	72
1.5'	69	69	57	38	19	29	38	57	69	69
2.5'	55	55	48	37	24	24	37	48	55	55
3.5'	41	41	38	32	25	25	32	37	41	41
4.5'	30	30	28	26	24	24	26	28	30	30
5.5'	22	22	21	21	21	21	22	22	22	22
6.5'	17	17	17	17	18	18	17	17	17	17
7.5'	14	14	14	15	15	15	15	14	14	14
8.5'	12	12	12	13	13	13	13	12	12	12



Distance from ceiling	8'									
	0.5'	1.5'	2.5'	3.5'	4.5'	5.5'	6.5'	7.5'	8.5'	
0.5'	49	49	41	28	18	18	29	41	49	49
1.5'	49	49	43	34	24	24	34	43	49	49
2.5'	43	43	39	33	28	28	33	39	43	43
3.5'	35	35	33	30	29	29	30	33	35	35
4.5'	28	28	27	26	26	26	26	27	28	28
5.5'	22	22	22	22	23	23	22	22	22	22
6.5'	18	18	18	19	20	20	19	19	18	18
7.5'	15	15	16	16	17	17	16	16	15	15
8.5'	13	13	14	14	14	14	14	14	13	13

Direct Wall Wash

Track Head, LED



PROJECT:

TYPE:

FIXTURE DATA: (Complete photometric data (.ies format) available upon request)

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

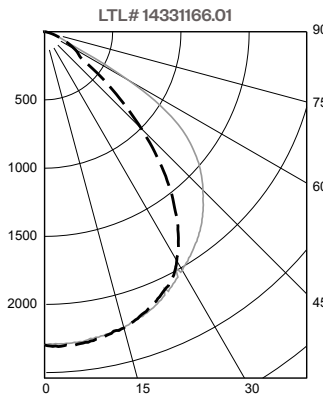
CCT:	2700K-83	3000K-83	3500K-83	4000K-83	2700K-90+	3000K-90+	3500K-90+	4000K-90+
Factor:	0.92	0.98	1.00	1.01	0.76	0.79	0.82	0.84

DWW-HP LED WALL WASH 38W 3500K-83
Source: 1 white LED array; Lumens: 5,116
Track Mounting

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

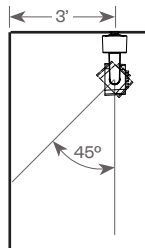
Luminaire Efficacy = 133.8 lm/W



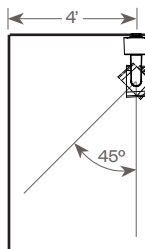
Application Data:

Footcandles on Wall

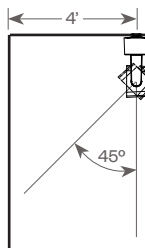
Footcandles are average and rounded off.
 Data for multiple units are based on a minimum of five units.



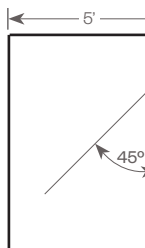
Distance from ceiling	0.5'	208	210	147	98	140	208	211
1.5'	187	186	154	129	152	188	186	
2.5'	137	137	126	121	127	138	137	
3.5'	96	96	94	94	94	96	96	
4.5'	69	69	69	70	69	70	69	
5.5'	51	51	52	52	52	52	52	
6.5'	39	40	40	40	40	40	40	
7.5'	32	32	32	32	32	32	32	
8.5'	26	27	27	27	27	28	28	



Distance from ceiling	1.0'	124	124	105	87	87	107	125	127
2.0'	114	112	103	93	94	104	115	113	
3.0'	92	91	87	86	86	89	92	92	
4.0'	71	71	70	70	70	71	72	72	
5.0'	56	56	56	56	56	56	56	56	
6.0'	44	44	44	45	45	45	45	45	
7.0'	36	36	36	36	37	37	37	37	
8.0'	30	30	30	30	31	31	31	30	
9.0'	26	26	26	26	26	26	27	27	



Distance from ceiling	1.0'	119	118	97	65	41	40	64	98	119	118
2.0'	105	103	88	67	51	51	68	88	105	103	
3.0'	80	79	70	60	52	52	61	72	80	79	
4.0'	60	59	55	50	47	47	50	55	60	59	
5.0'	45	45	43	41	41	41	42	43	44	44	
6.0'	35	35	34	34	34	34	34	34	35	34	
7.0'	28	28	28	28	28	28	28	28	28	28	
8.0'	23	23	23	23	24	24	23	23	23	23	
9.0'	20	20	20	20	20	20	20	20	20	20	



Distance from ceiling	1.0'	81	81	71	57	46	46	57	71	81	81
2.0'	77	76	69	60	53	54	61	70	77	77	
3.0'	67	66	63	57	54	54	57	63	67	66	
4.0'	55	55	53	51	50	50	51	53	55	55	
5.0'	45	45	44	43	43	43	43	44	45	45	
6.0'	37	37	37	36	36	36	36	37	37	37	
7.0'	31	31	31	31	31	31	31	31	31	31	
8.0'	26	26	26	27	27	27	27	27	26	26	
9.0'	23	23	23	23	23	23	23	23	23	23	

Direct Wall Wash

Track Head, LED



PROJECT:

TYPE:

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 ---

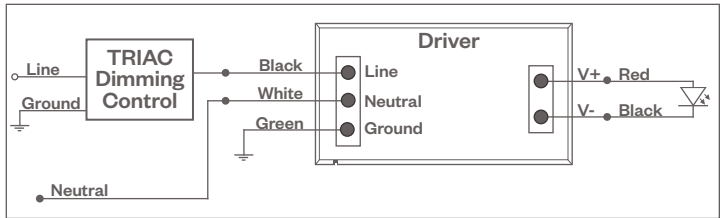
TRIAC (Forward Phase) DIMMING (Standard)

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
- 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"	

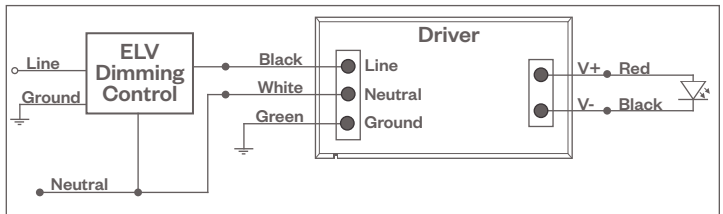
ELV - Electronic Low Voltage (Reverse Phase) DIMMING (Standard)

Utilizes specialized "ELV" dimmers.

Notes:

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

ELV Wiring Diagram



Compatible Dimmers†:

Wall Box (ELV 120VAC)	Central System
Lutron "Diva"	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:

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