PERI STATIC WHITE CONSTANT VOLTAGE

Perimeter Fixtures



- Smaller, smarter, sleeker perimeter lighting fixture
- 2" tall and 2.48" wide main housing, perfect for shallow plenums
- Two mounting options for an integral power supply and several optional feed locations on main housing allows installers to avoid obstacles
- Modular assembly consists of housing that can be shipped early in the construction of the project and snap in lighting fixture, allowing contractors to rough in the main housingwithout any concern with damaging the light source, and providing flexibility in the scheduling of installation
- Designed for interior dry applications
- All housings are ASTM E283 Air Leakage Certified and CCEA compliant
- Type IC and Inherently Protected

PERI ORDERING PROCESS

A Specify main housing
Housing will be shipped first

B Specify light engine
Light module lengths can be updated based on final field measurements if changes are requested prior to light module production.

C Specify driver
Integral option available (96W)

A. MAIN HOUSING

A1 PRODUCT	A2 LENS	A3 LOUVER	A4 FINISH	A5 FLANGE TYPE	A6 FLANGE POSITION	A7 WALL MOUNT	A8 DRIVER LOCATION	A9 NUMBER OF TOTAL LENGTHS (EA)
PERI			ST					

Sample Part Number: **PERI-DF-L1-WH-ST-TBAR-FL-NS-TP-48"**

A1 PRODUCT

PERI	

A2 LENS

PR	Polar
DF	Diffused
PM	Prismatic

A3 LOUVER

L1-WH	White
L1-BK	Black
L1-GY	Grey
N/A	No louver

A4 FINISH

ST	Satin

A5 FLANGE TYPE / A6 FLANGE POSITION

A5 FLANGE TYPE		A6 FLANGE POSITION	
TBAR	▶	**FL**	Flush
		1.5"	
		3.0"	
TSLOT	▶	**1.5"**	
		3.0"	
MDIN	Mud-In ▶	**FL**	Flush
Mud-In-REMOTE DRIVER ONLY.		**1.5"**	
		3.0"	

A7 WALL MOUNT

S-3/16-R	Standoff 3/16" Regressed
S-1/2-R	Standoff 1/2" Regressed
S-1-F	Standoff 1" Flush
S-1-R	Standoff 1" Regressed
S-3-F	Standoff 3" Flush
S-3-R	Standoff 3" Regressed
NS	No Standoff

A8 DRIVER LOCATION

TP	Top (Integral)
SE	Side (Integral)
N/A	Remote
N/A-CP-TP	Remote (Top Chicago Plenum)
N/A-CP-SE	Remote (Side Chicago Plenum)

Side-not available with Flush and T-SLOT 1.5".
See compatible power supplies on following pages.
Integral versions come standard as Chicago Plenum CCEA compliant.

A9 NUMBER OF TOTAL LENGTHS (EA)

Housing will be shipped in full 98.43" lengths to field cut unless otherwise specified. Enter decimal number for length less than 98.43".
If pre-cut piece is requested, fixture length min 12".
Tolerance +0-1/8". Consult factory for lengths under 12".

Shop drawings required.

5 year warranty | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance | Compatible for use with QTL power supplies

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

PERI STATIC WHITE CONSTANT VOLTAGE

Perimeter Fixtures

B. LIGHT MODULE

B1 PRODUCT	B2 WATTS/FT	B3 CCT	B4 OPTICS	B5 WIRE INPUT/OUTPUT	B6 CONNECTOR/WIRE IN	B7 CONNECTOR/WIRE OUT	B8 WIRE TYPE	B9 LENGTH (IN)
PERI-SW								

Sample Part Number: **PERI-SW-6.0HE-30-N/A-S2A-CON6-CLS-CL2-48.16"**

B1 PRODUCT

PERI-SW
Constant Voltage

B2 WATTS/FT

3.0HE	3.0W/ft HE
6.0HE	6.0W/ft HE
9.0HE	9.0W/ft HE

B3 CCT

18	1800K
20	2000K
22	2200K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K

B4 OPTICS

ASYM	Asymmetric
N/A	No optics (Lambertian)

B5 WIRE INPUT/OUTPUT

SINGLE (Input only)

S2A	Bottom Feed
S2B	Bottom Feed

PASS THROUGH (Input/Output)

P2A	Bottom Feed
P2B	Bottom Feed

B6 CONNECTOR/WIRE IN

BW	Bare Wire (Standard 36")
CON6	Connector 6"
CON24	Connector 24"

Connector/Wire In not needed to specify product. Typical selection is BW.
BW: Standard length is 36", Max length is 120".
Request custom length by writing in part number next to BW (example: BW48)

BW	Bare Wire (Standard 36")
CON6	Connector 6"
CON24	Connector 24"

Connector/Wire In not needed to specify product. Typical selection is BW.
BW: Standard length is 36", Max length is 120".
Request custom length by writing in part number next to BW (example: BW48)

B7 CONNECTOR/WIRE OUT

CLS	Closed End (No Feed)

BW	Bare Wire (Standard 36")
CON6	Connector 6"
CON24	Connector 24"

Connector/Wire In not needed to specify product. Typical selection is BW.
BW: Standard length is 36", Max length is 120".
Request custom length by writing in part number next to BW (example: BW48)

B8 WIRE TYPE

CL2	Class 2
CL2P	Plenum Rated

CL2P only available with bare wire leads (BW)

B9 LENGTH (IN)

12.16"-98.16"

2" increments
Lengths for modules should be an even number and end in 0.16" to allow for endcaps.
Fixture length min 12", Tolerance +0 – 1/8".
Consult factory for lengths under 12"

C. INTEGRAL DRIVER - 96W (FOR REMOTE OPTIONS SEE LAST PAGE)

C1 PRODUCT	C2 VOLTAGE	C3 DRIVER LOCATION	C4 DRIVER TYPE	C5 WATTAGE	C6 CONTROL + DIMMING
PERI	UNV		CV	96W	PH-010V

Sample Part Number: **PERI-UNV-TP-CV-96W-PH-010V**

C1 PRODUCT

PERI

C2 VOLTAGE

UNV	Universal (120-277V)

C3 DRIVER LOCATION

TP	Top
SE	Side

C4 DRIVER TYPE

CV	Constant Voltage

C5 WATTAGE

96W

C6 CONTROL + DIMMING

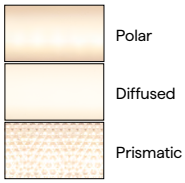
PH-010V	Phase or 0-10V Dimming (Dims to 1%)

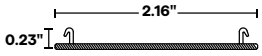
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

PERI STATIC WHITE CONSTANT VOLTAGE

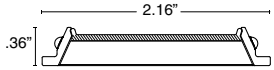
Perimeter Fixtures

A2 LENS VISIBILITY



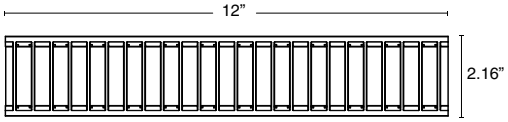


Outer roll-up lens profile
(Continuous lens up to 50 feet)



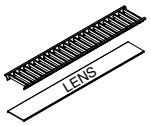
Louver with lens profile

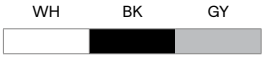
A3 LOUVER



Provided in 4ft segments

L1-XX





A4 FINISH

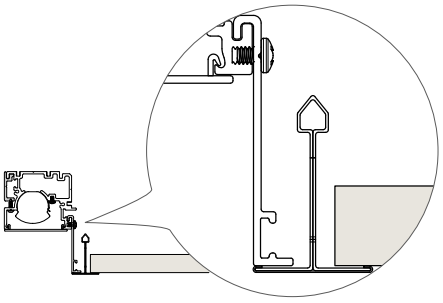


Satin

A5 FLANGE TYPE

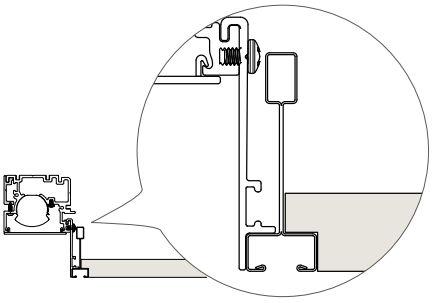
Powder coated matte white finish standard for all flange types

TBAR



Grid - 9/16" or 15/16"

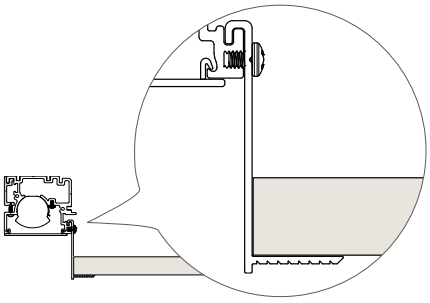
TSLOT



9/16" slot

1.5" version requires top mounted or remote driver

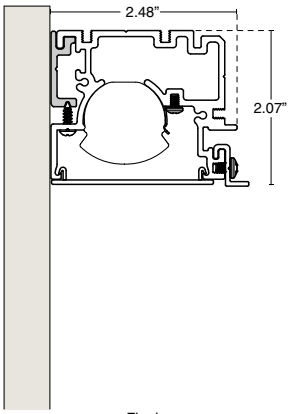
MDIN



Mud-In
Drywall - REMOTE DRIVER ONLY

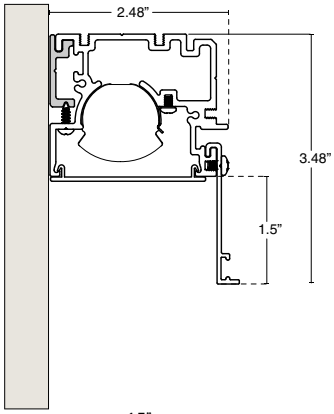
A6 FLANGE POSITION

FL



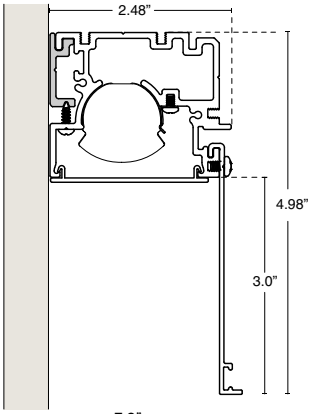
Flush
Requires top mounted or remote driver

1.5"



1.5" regress

3.0"



3.0" regress

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

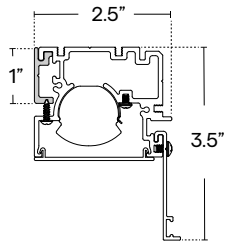
Specification subject to change. Rev-09-25-26

PERI STATIC WHITE CONSTANT VOLTAGE

Perimeter Fixtures

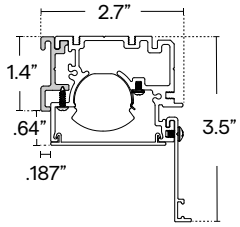
A7 WALL MOUNT (shown with 1.5 regress TBAR Flange)

NS



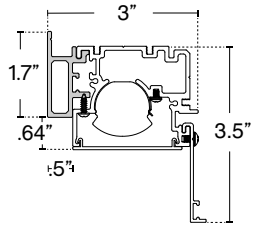
No Standoff

S-3/16-R



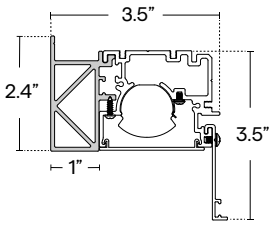
Standoff (3/16”) Regressed

S-1/2-R



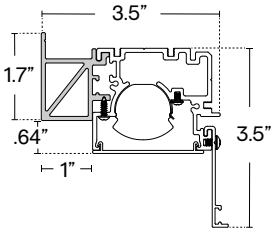
Standoff 1/2”
Regressed

S-1-F



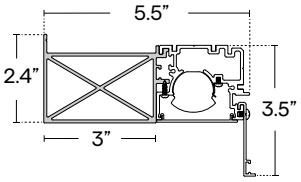
Standoff 1” Flush

S-1-R



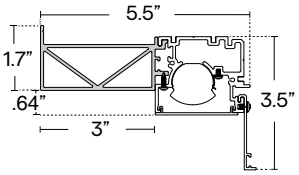
Standoff 1”
Regressed

S-3-F



Standoff 3” Flush

S-3-R

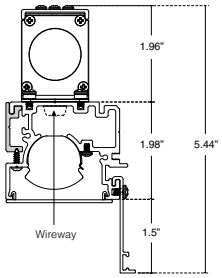


Standoff 3”
Regressed

A8 DRIVER/CHICAGO PLENUM BOX LOCATION

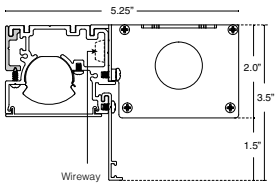
Integral versions come standard as Chicago Plenum CCEA compliant.

TP or N/A-CP-TP



Top Mounted

SE or N/A-CP-SE



Side Mounted

Side Mounted-not available with Flush and T-SLOT 1.5”.

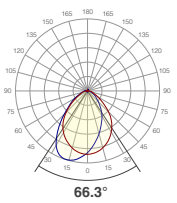
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

PERI STATIC WHITE CONSTANT VOLTAGE

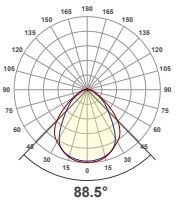
Perimeter Fixtures

B4 OPTICS

Optics with flush flange being shown

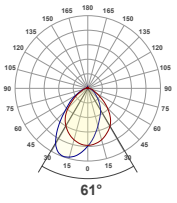


ASYM



NO OPTICS
(Lambertian)

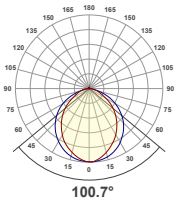
QTL RECOMMENDATIONS



Lens: Prismatic with white louver
Flange Position: Flush
Optic: Asymmetric

SW-HE	LM/FT
6.0W	390
ASYM-PM-L1-WH	

Optimal Space Illumination:
PERI-SW-6.0HE-30-ASYM-PM-L1-WH-TBAR-FL



Lens: Diffused with white louver
Flange Position: Flush
Optic: No optics

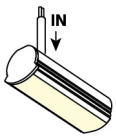
SW-HE	LM/FT
6.0W	344
DF-L1-WH	

Optimal Glow Illumination:
PERI-SW-6.0HE-30-NA-DF-L1-WH-TBAR-FL

B5 WIRE INPUT/OUTPUT

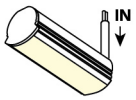
ASYMMETRIC ONLY SINGLE (Input)

S2A



Bottom Feed

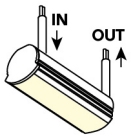
S2B



Bottom Feed

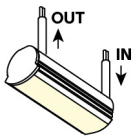
ASYMMETRIC ONLY PASS THROUGH (Input/Output)

P2A



Bottom Feed

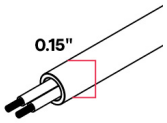
P2B



Bottom Feed

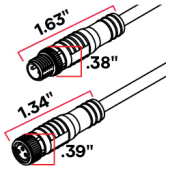
B6/B7 CONNECTOR/WIRE – IN/OUT

BW



Bare Wire 24"
22 AWG

CON6/CON24

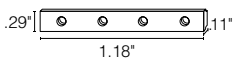


6" or 24" Overall
Wire Connector | 22 AWG
UL Listed

JOINER/CONNECTORS

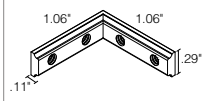
Connectors are compatible with the main housing and the following wall mounts: S-1/2-R, S-1-F, S-1-R, S-3-F, S-3-R

PERI-INLINE-BR



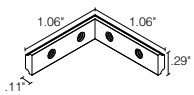
Inline Bracket
(2 per length included)

PERI-CORNER-BR-I



Inner Corner
(Sold separately for field cut corner)

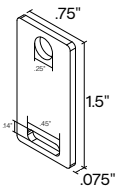
PERI-CORNER-BR-O



Outer Corner
(Sold separately for field cut corner)

MOUNTING BRACKETS

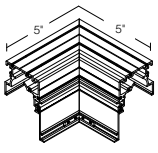
PERI-SUS-BR



Suspension Support Bracket
Ideal for applications with seismic risk
(Sold separately)

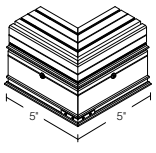
CORNERS (brackets included)

PERI-ILC



Preassembled
Inside Corner
(Sold separately)

PERI-OLC



Preassembled
Outside Corner
(Sold separately)

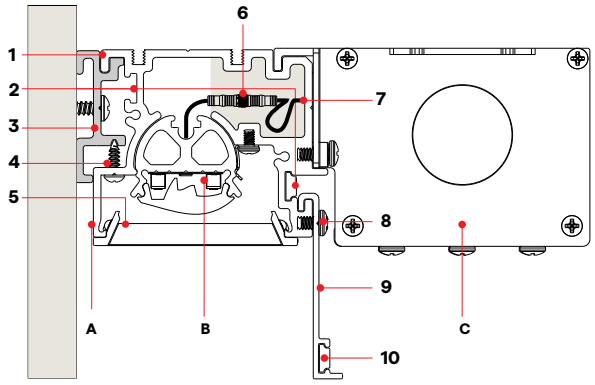
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Specification subject to change. Rev-09-25-26

PERI STATIC WHITE CONSTANT VOLTAGE

Perimeter Fixtures

ASSEMBLY

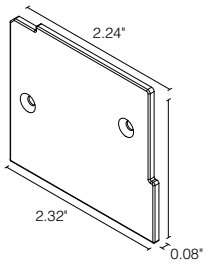


A - Main Housing
B - Light Module
C - Driver/ Chicago Plenum Box

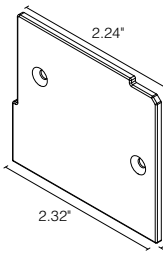
1. Easy-drop hook (primary mount)
2. Connector Slot
3. Wall Mount Bracket
4. Screw Stopper
5. Louver/ Lens Combo
6. CON6
7. Wire Way: Tuck wires into main housing for clean install
8. Flange Mount
9. Flange
10. Connector Slot

MAIN HOUSING ENDCAPS

PFIX-EC-MACH-2-OTR-01-ST



PFIX-EC-MACH-2-OTR-02-ST



TECHNICAL INFORMATION

Static White High Efficacy
[Calculated L70 = 70000 hrs]
Tested with PERI-SW-HE-30-***-**-**-**, Flush flange

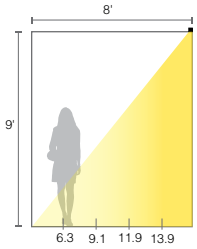
Without Louver									
SW-HE	3.0HE W/FT			6.0HE W/FT			9.0HE W/FT		
	LM/FT	CRI	UGR	LM/FT	CRI	UGR	LM/FT	CRI	UGR
PR	231	98	N/A	447	98	N/A	621	98	N/A
DF	212	97	N/A	417	98	N/A	558	98	N/A
PM	240	98	≤ 15.7	478	98	≤ 17.8	644	98	≤ 19.1
ASYM-PR	196	96	N/A	353	97	N/A	522	97	N/A
ASYM-PM	198	96	≤ 14.7	390	98	≤ 17.2	531	97	≤ 18.3

With Louver									
SW-HE-6.0	L1-WH			L1-BK			L1-GY		
	LM/FT	CRI	UGR	LM/FT	CRI	UGR	LM/FT	CRI	UGR
PR	365	98	N/A	254	98	N/A	322	98	N/A
DF	344	98	N/A	236	98	N/A	307	98	N/A
PM	387	98	≤ 17.0	268	98	≤ 14.4	346	98	≤ 16.1
ASYM-PR	307	97	N/A	220	97	N/A	259	97	N/A
ASYM-PM	324	97	≤ 16.3	239	98	≤ 13.9	294	97	≤ 15.4

SW-HE CCT Multiplier	
1800K	0.75
2000K	0.86
2200K	0.87
2400K	0.89
2700K	0.95
3000K	1.00
3500K	1.06
4000K	1.06

PERFORMANCE

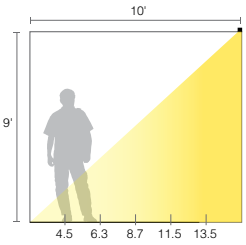
CORRIDOR 8'



FOOT CANDLES

ASYM
W/FT: SW-HE 3.0 W/FT
CCT: 3000K
OPTIC: ASYMMETRIC
LENS: PRISMATIC WITH WHITE LOUVER
FLANGE POSITION: FLUSH
AVERAGE ILLUMINANCE (FC): 9.17
MAX: 14.0
MIN: 2.0
AVG/MIN: 4.59
MAX/MIN: 7.0
W/SQFT: 0.38
ROOM SIZE: 8'X50'

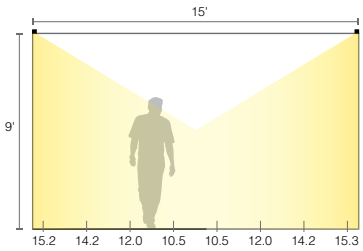
CORRIDOR 10'



FOOT CANDLES

ASYM
W/FT: SW-HE 3.0 W/FT
CCT: 3000K
OPTIC: ASYMMETRIC
LENS: PRISMATIC WITH WHITE LOUVER
FLANGE POSITION: FLUSH
AVERAGE ILLUMINANCE (FC): 8.30
MAX: 13.7
MIN: 2.40
AVG/MIN: 3.46
MAX/MIN: 5.71
W/SQFT: 0.30
ROOM SIZE: 10'X50'

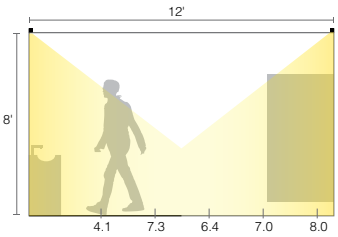
CORRIDOR 15'



FOOT CANDLES

ASYM
W/FT: SW-HE 3.0 W/FT
CCT: 3000K
OPTIC: ASYMMETRIC
LENS: PRISMATIC WITH WHITE LOUVER
FLANGE POSITION: FLUSH
AVERAGE ILLUMINANCE(Fc): 11.65
MAX: 15.6
MIN: 1.9
AVG/MIN: 6.13
MAX/MIN: 8.21
W/SQFT: 0.40
ROOM SIZE: 15'X50'

RESTROOM



FOOT CANDLES

ASYM
W/FT: SW-HE 3.0 W/FT
CCT: 3000K
OPTIC: ASYMMETRIC
LENS: PRISMATIC WITH WHITE LOUVER
FLANGE POSITION: FLUSH
AVERAGE ILLUMINANCE (Fc): 6.47
MAX: 11.9
MIN: 4.1
AVG/MIN: 1.58
MAX/MIN: 2.9
W/SQFT: 0.50
ROOM SIZE: 12'X20'

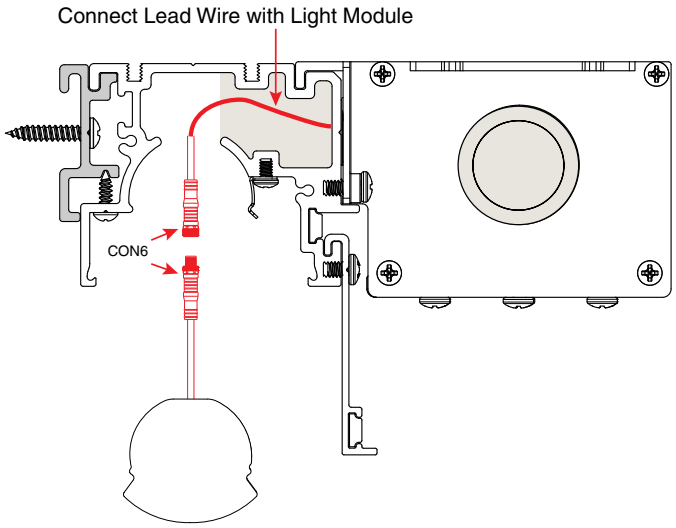
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

Specification subject to change. Rev-09-25-26

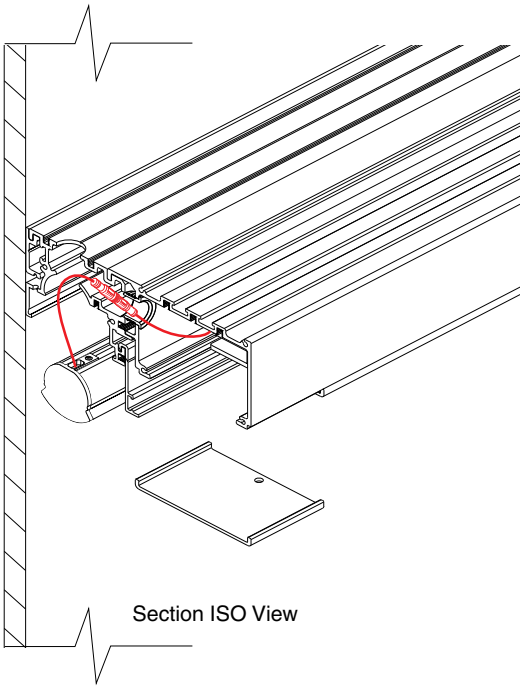
PERI STATIC WHITE CONSTANT VOLTAGE

Perimeter Fixtures

WIRING DIAGRAM



Section View



Section ISO View

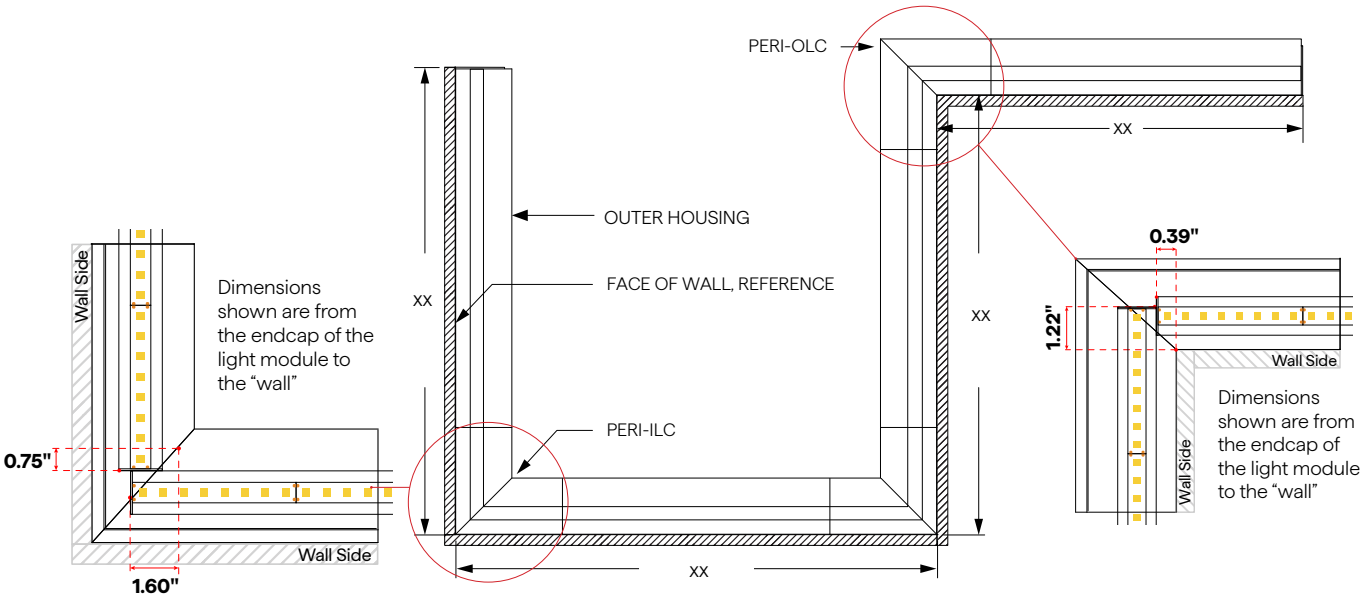
© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

PERI STATIC WHITE CONSTANT VOLTAGE

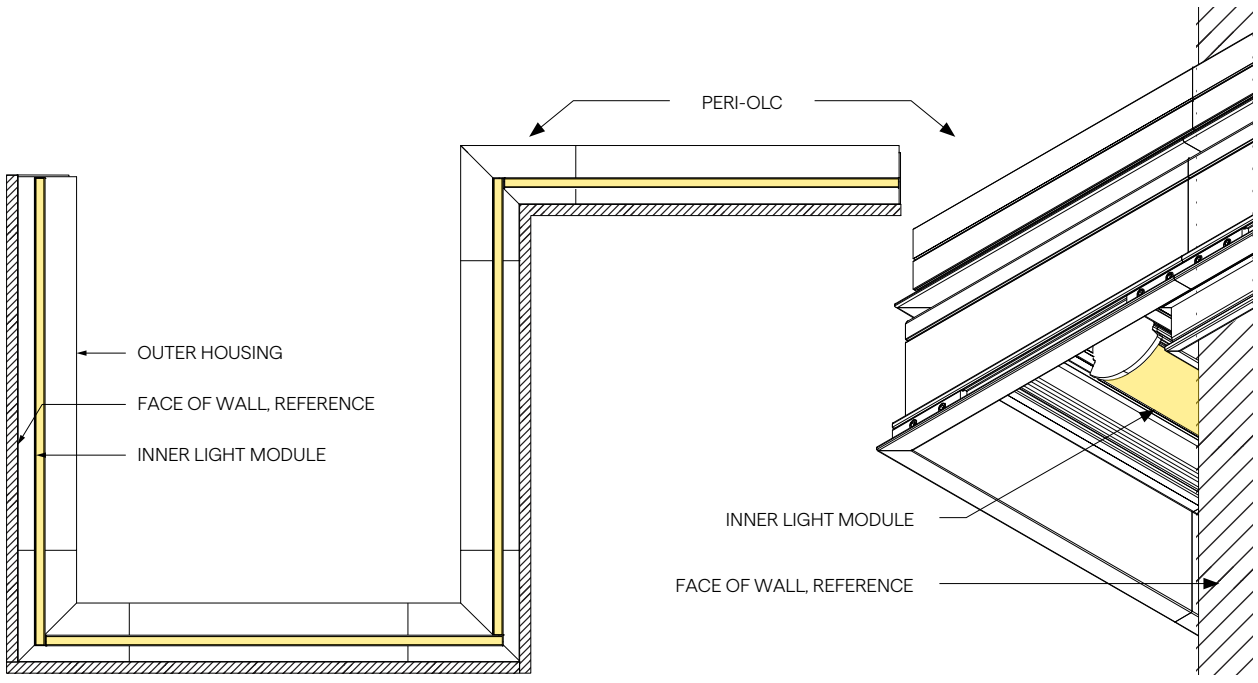
Perimeter Fixtures

WALL CONFIGURATION

Accurate wall-to-wall dimensions must be provided during shop drawings for QTL applications team review to ensure bill of material is configured to provide uniform illumination



TOP VIEW



TOP VIEW ISO VIEW

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

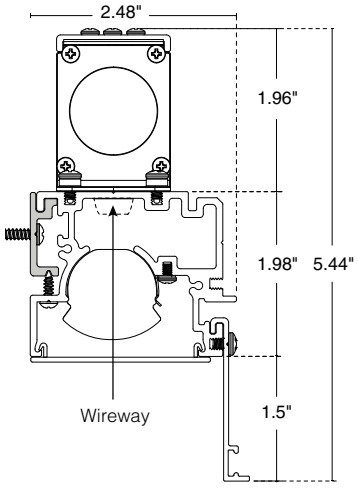
PERI STATIC WHITE CONSTANT VOLTAGE

Perimeter Fixtures

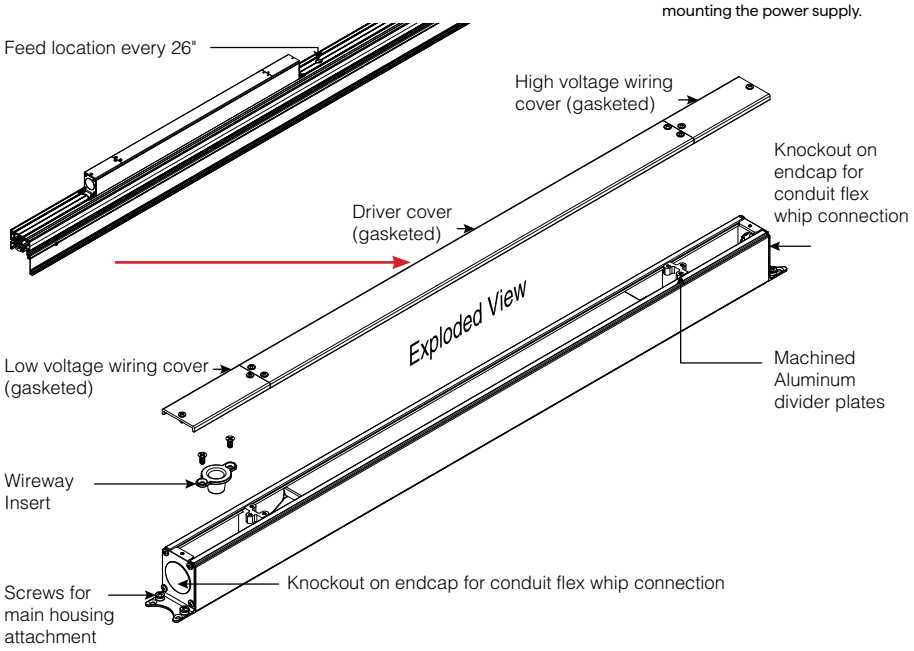
C3 DRIVER LOCATION

INTEGRAL TOP MOUNTED: Integral versions come standard as Chicago Plenum CCEA compliant.

TP

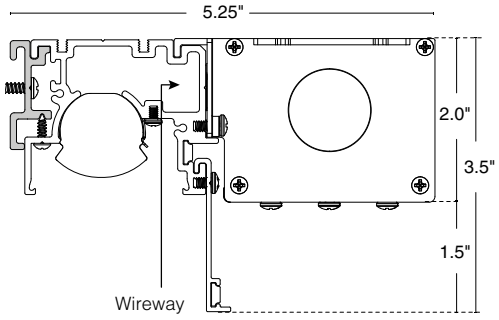


NOTE: The fixture's main housing will have multiple feed location options for mounting the power supply.

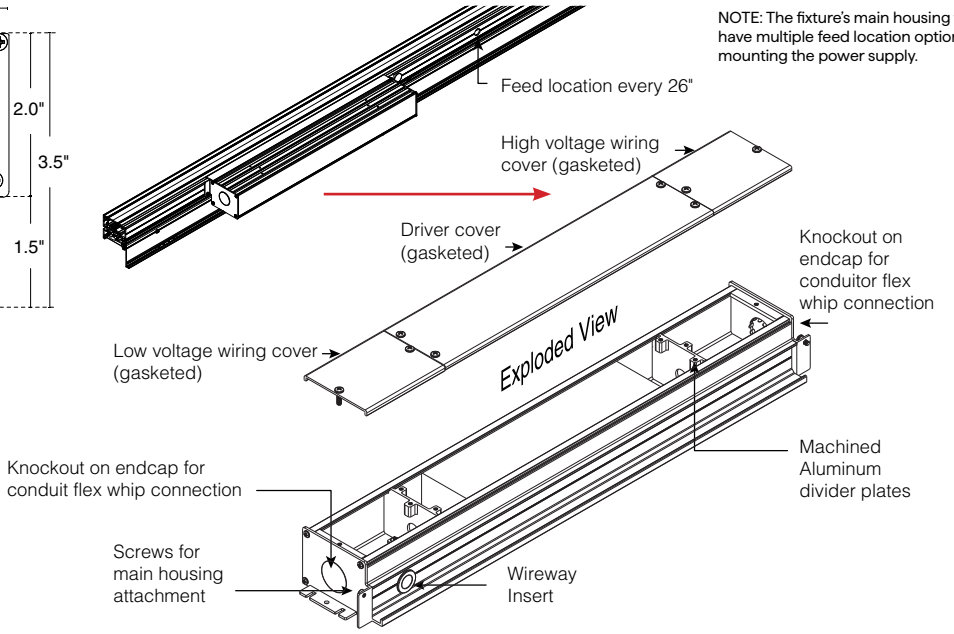


INTEGRAL SIDE MOUNTED: Integral versions come standard as Chicago Plenum CCEA compliant.

SE



NOTE: The fixture's main housing will have multiple feed location options for mounting the power supply.



© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

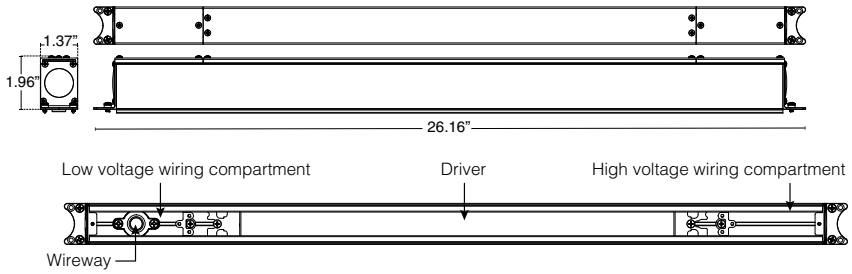
PERI STATIC WHITE CONSTANT VOLTAGE

Perimeter Fixtures

C4 DRIVER TYPE

See Technical Information for specs

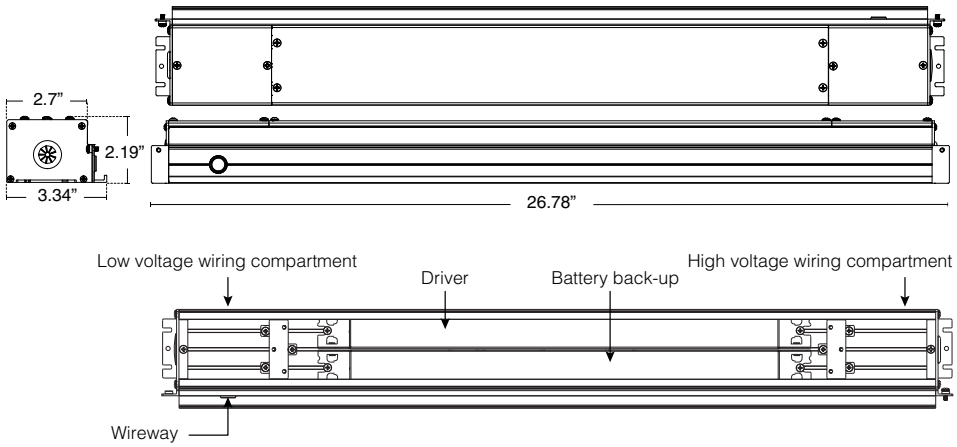
TOP MOUNTED DRIVER (CV) - 96W



Technical Information:

Output Type	CV
Available Wattage(s) (W)	96
Input (VAC)	100-277 (UNV)
Input F (Hz)	50-60
Input Current Max @100V (A)	1.3
Input Current Max @277V (A)	0.47
PF At Full Load	0.94
Minimum Dimming Level	0.1%
Ambient Operating Range (°F)	-4-104
Driver Lifetime Hours	50000

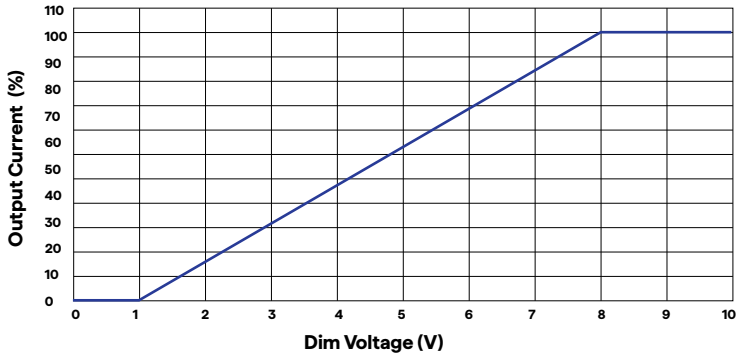
SIDE MOUNTED DRIVER (CV) - 96W



Technical Information:

Output Type	CV
Available Wattage(s) (W)	96
Input (VAC)	100-277 (UNV)
Input F (Hz)	50-60
Input Current Max @100V (A)	1.3
Input Current Max @277V (A)	0.47
PF At Full Load	0.94
Minimum Dimming Level	0.1%
Ambient Operating Range (°F)	-4-104
Driver Lifetime Hours	50000

0-10V DIMMING



© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting

PERI STATIC WHITE CONSTANT VOLTAGE

Perimeter Fixtures

REMOTE

COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR
	SW24/5.0, SW-HE, SW-HE+
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP
1%	Q-DIM QTM-eLED(E) QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle

DIMMING PROTOCOL	INDOOR
	SW24/5.0, SW-HE, SW-HE+
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP
Lutron Athena	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN
ECO System	QTM-eLED(E)
DMX	QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | QTL.lighting