CYLINDRO

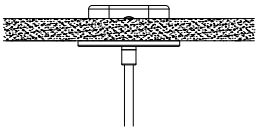
CYL60 6" CYLINDERS

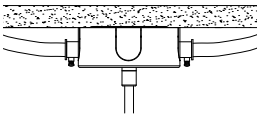
Fixture Type	
Project	
Notes	

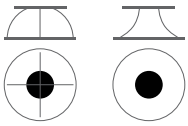
Stem Mounted

Cord Mounted

Surface Mounted


Recessed Canopy (Included)


Surface Canopy (Included)


Cross Baffle

Vortex Baffle

CYLINDRO Collection of Specification Cylinders for Surface, Cord, and Swivel Stem Mounted applications, is designed for residential, hospitality, retail, and commercial spaces. The Vortex Baffle, with advanced optics, casts a uniform and comfortable light without harsh shadows. The Cross Baffle provides focused lighting with no glare. Fixtures are built to your exact specifications with a quick turn-around time, and ships ready to install.

120-277V AC | 0-10V DIMMABLE | 30°/40°/50°/50° BEAM ANGLE | 2SDCM

DAMP INDOOR | L70 50,000 HOURS | 5 YEAR WARRANTY | JA8 TITLE 24 | c ETL us LISTED Intertek

SPECIFICATIONS

WATTAGE	20W	30W	40W
LUMENS	1850 Lm	2780 Lm	3700 Lm
EFFICACY	93 Lm/W	93 Lm/W	92 Lm/W
INPUT VOLTAGE	120-277V AC		
CRI	90+		
BEAM ANGLE	20°, 30°, 40°, 50°		
DIMMING	0-10V, CASAMBI Ready, , see page 6		

[1] See published warranty terms for detailed information
Note: Lumen data based on 3000K 90CRI

ENVIRONMENT	Indoor - Damp
CERTIFICATIONS	c-ETL-us, Title 24 JA8 Compliant
LUMEN MAINTENANCE	50,000 hours
OPTIONAL	Emergency Battery Pack
OPERATING TEMP	-4˚F ~ 104˚F ambient without EM
	32˚F ~ 104˚F ambient with EM
WARRANTY[1]	5 years

PERFORMANCE DATA (Based on 3000K 90CRI Flood optic)

Luminaire Wattage	Delivered Lumens	Lumens/Watt	Emergency Power
20W	1850 Lm	93	15W / 1400 Lm
30W	2780 Lm	93	15W / 1400 Lm
40W	3700 Lm	92	15W / 1400 Lm

TECHNICAL PARAMETERS

Dimming Protocol	Dimming Range	Input Voltage	Power Factor	THD
0-10V	3%-100% dim to off	120V AC - 277V AC	>0.9	<20%
Casambi (0-10V)[1]	3%-100% dim to off	120V AC - 277V AC	>0.9	<20%

[1]Consult factory for Casambi network design

ORDERING INFO

CANOPY TYPE	POWER	DIMMING	CCT	BEAM	LENS	MOUNTING	BAFFLE FINISH	FIXTURE FINISH
CYL60								
6" Cylinder	**20W** - 20W **30W** - 30W **40W** - 40W	**010** – 0-10V **CAS** – Casambi	**2090** – 2000K **2290** – 2200K **2490** – 2400K **2790** – 2700K **3090** – 3000K **3590** – 3500K **4090** – 4000K	**NF** - 20° **FL** - 30° **WF** - 40° **VW** - 50°	**LN** - No Lens **LL** - Linear **LS** - Softening	**SM** – Surface Mount **CM048** – Cord 48"[1] **CM144** – Cord 144"[1] **ST048** – Stem 48"[1] **ST096** – Stem 96"[1]	**VB** – Vortex Black **VW** – Vortex White **VH** – Vortex Haze **VC** – Vortex Custom[2] **CB** – Cross Black	**BK** – Black **WH** – White **CT** – Custom[3]

[1] Nominal Overall Length (OAL), field cuttable
[2] Specify RAL # for baffle, consult factory.
[3] Specify RAL # for canopy, stem and fixture, Black or White Cord only, consult factory.

INSTALL

NY 15 Harbor Park Drive, Port Washington, NY 11050 | Main 800 527 7796 | Fax 855 265 5768
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Specifications subject to change without notice REV. 05/18/2026

CYLINDRO

CYL60 6" CYLINDERS

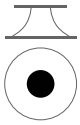
JESCO LIGHTING GROUP

Fixture Type	
Project	
Notes	

COLOR TEMPERATURE
PHOTOMETRIC DATA

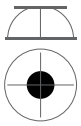
2000K 2200K 2400K 2700K 3000K 3500K 4000K

Warm White — Neutral White — Cool White



Vortex Baffle

IES 3500K



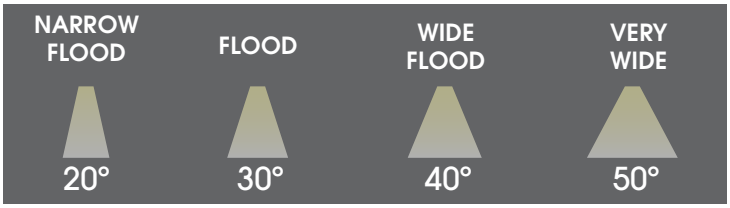
Cross Baffle

IES 3500K

OPTIONAL EMERGENCY BATTERY PACK
EM-LIN-08W
8W Remote Mounted Emergency Battery Back-Up

- Universal input 100-347V AC
- Battery protection for over-temperature, overcharge, over-discharge, and shorcircuit
- Works with AC/DC sensor
- Self-testing monthly/yearly
- Meet CEC Title 20 standards
- Includes: Charging Indicator/Test Switch
- Handheld Remote Tester

OPTICS
SELECT FROM 4 OPTIONS



Beam
NF – Narrow Flood 20°
FL – Flood 30°
WF – Wide Flood 40°
VW – Very Wide 50°

LENS
SELECT FROM **LN** - NO LENS OR 3 OPTIONS

Linear Lens
The linear spread elongates the beam for throwing light on a wall.

LL – Linear

Softening Lens
The softening lens can be used for ligth diffusion.

LS – Softening

BAFFLES
SELECT FROM 4 OPTIONS & RAL CUSTOM FINISHES

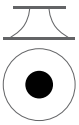
VW – Vortex White

VB – Vortex Black

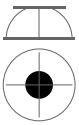
VB – Vortex Black

VC – Vortex Custom

CB – Cross Black



Vortex Baffle
Advanced optics, casts a uniform and comfortable light without harsh shadows.



Vortex Baffle
Provides focused lighting with no glare.

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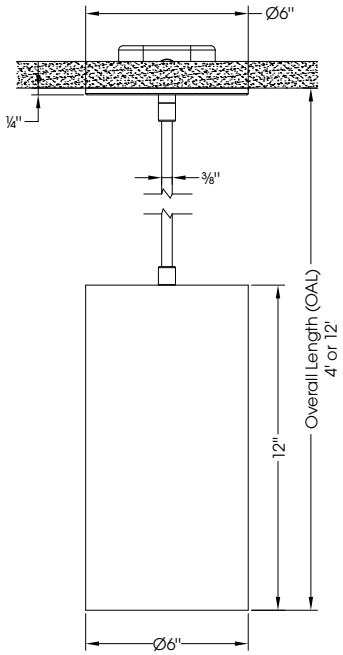
CYLINDRO

CYL60 6" CYLINDERS

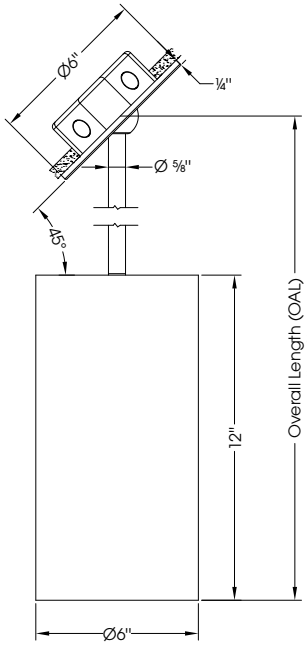
Fixture Type	
Project	
Notes	

DIMENSIONS – RECESSED J-BOX

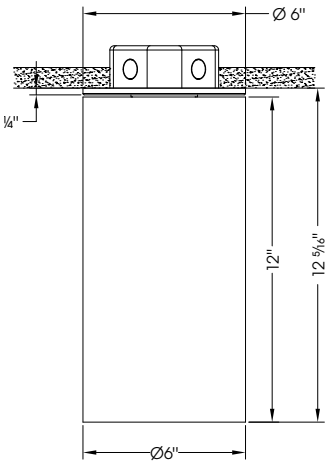
CORD MOUNT



SWIVEL STEM MOUNT

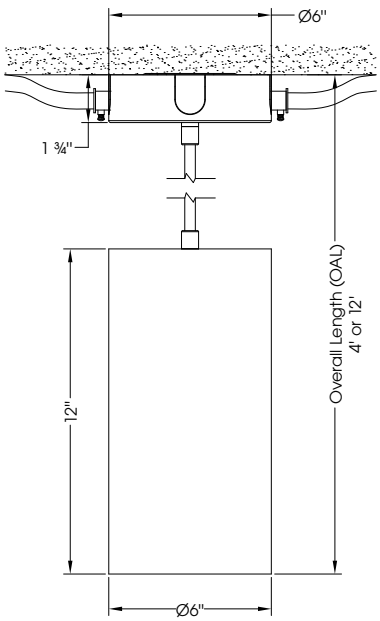


SURFACE MOUNT

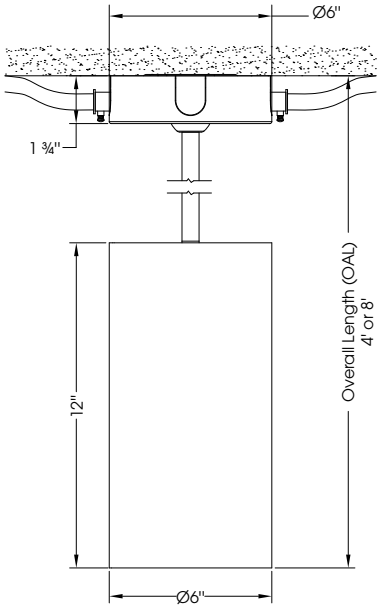


DIMENSIONS – SURFACE J-BOX

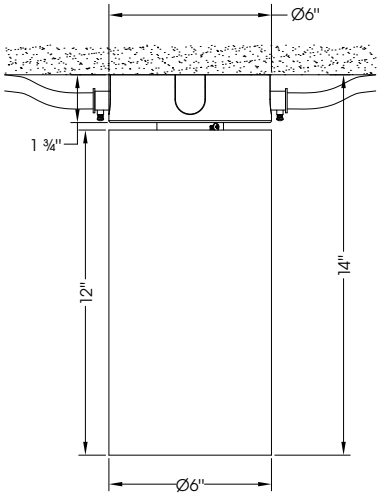
CORD MOUNT



SWIVEL STEM MOUNT



SURFACE MOUNT



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CYLINDRO

CYL60 6" CYLINDERS

JESCO LIGHTING GROUP

Fixture Type	
Project	
Notes	

APPLICATION DATA

Vortex Baffle (40W 3500K)

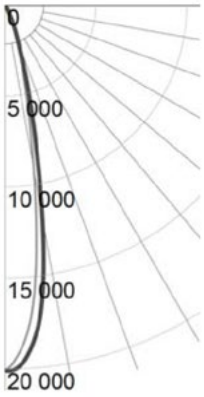
Multiplying Factors

WATTAGE	20W	30W	40W
FACTOR	0.50	0.75	1.00

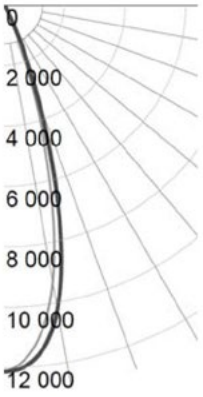
CCT	2000K	2200K	2400K	2700K	3000K	3500K	4000K
FACTOR	0.70	0.76	0.82	0.92	0.95	1.00	1.02

LENS	No Lens	Linear	Hexcell	Softening
FACTOR	1.00	0.78	0.67	0.77

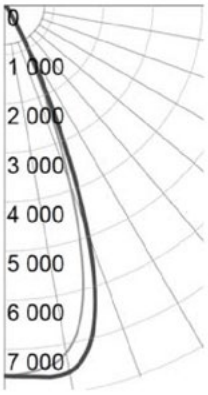
NF - 20° Narrow Flood
3530 Lm
40° Field Angle



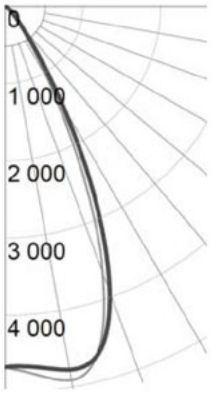
FL - 30° Flood
3710 Lm
50° Field Angle



WF - 40° Wide Flood
3717 Lm
60° Field Angle



VW - 50° Very Wide Flood
3495 Lm
70° Field Angle



Candelas at Nadir

DEGREES	CANDELA
0	20064
5	18478
15	5179
25	939
35	213
45	75

DEGREES	CANDELA
0	12125
5	11758
15	7002
25	1281
35	190
45	68

DEGREES	CANDELA
0	7542
5	7584
15	6887
25	2173
35	236
45	70

DEGREES	CANDELA
0	4668
5	4687
15	4647
25	2720
35	671
45	170

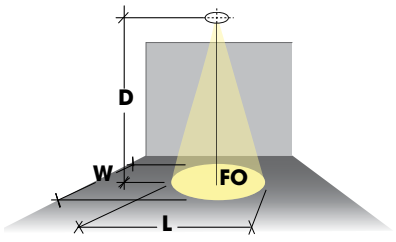
0° Aiming Angle Horizontal Footcandles

D	FC	L	W
5.0'	803	1.8	1.8
7.5'	357	2.7	2.7
10.0'	201	3.6	3.6
12.5'	128	4.5	4.5

D	FC	L	W
5.0'	485	2.9	2.9
7.5'	216	4.3	4.3
10.0'	121	5.7	5.7
12.5'	78	7.1	7.1

D	FC	L	W
5.0'	302	3.9	3.9
7.5'	134	5.8	5.8
10.0'	75	7.8	7.8
12.5'	48	9.7	9.7

D	FC	L	W
5.0'	187	4.7	4.7
7.5'	83	7.1	7.1
10.0'	47	9.4	9.4
12.5'	30	11.8	11.8



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.

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CYLINDRO

CYL60 6" CYLINDERS

JESCO LIGHTING GROUP

Fixture Type	
Project	
Notes	

APPLICATION DATA

Cross Baffle (40W 3500K)

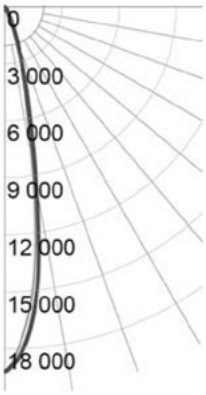
Multiplying Factors

WATTAGE	20W	30W	40W
FACTOR	0.50	0.75	1.00

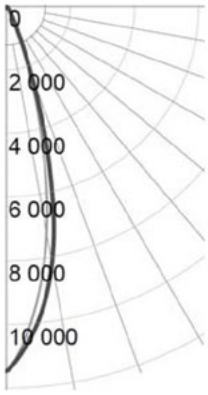
CCT	2000K	2200K	2400K	2700K	3000K	3500K	4000K
FACTOR	0.70	0.76	0.82	0.92	0.95	1.00	1.02

LENS	No Lens	Linear	Hexcell	Softening
FACTOR	1.00	0.78	0.67	0.77

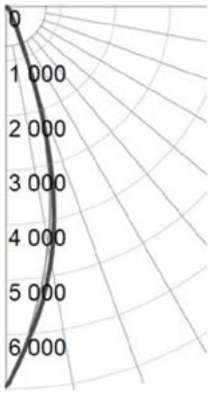
NF - 19° Narrow Flood
2744 Lm
38° Field Angle



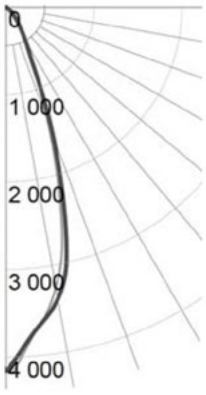
FL - 26° Flood
2458 Lm
45° Field Angle



WF - 28° Wide Flood
1954 Lm
46° Field Angle



VW - 33° Very Wide Flood
1379 Lm
57° Field Angle



Candelas at Nadir

DEGREES	CANDELA
0	19174
5	16516
15	4148
25	695
35	176
45	65

DEGREES	CANDELA
0	11461
5	10195
15	5173
25	772
35	194
45	65

DEGREES	CANDELA
0	6938
5	5877
15	3246
25	508
35	143
45	56

DEGREES	CANDELA
0	4159
5	3720
15	2618
25	716
35	272
45	98

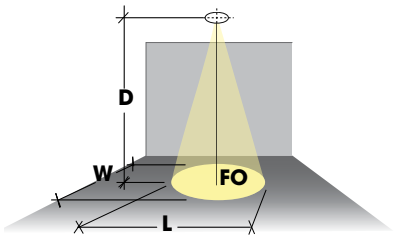
0° Aiming Angle Horizontal Footcandles

D	FC	L	W
5.0'	767	1.6	1.6
7.5'	341	2.5	2.5
10.0'	192	3.3	3.3
12.5'	123	4.1	4.1

D	FC	L	W
5.0'	458	2.2	2.2
7.5'	204	3.4	3.4
10.0'	115	4.5	4.5
12.5'	73	5.6	5.6

D	FC	L	W
5.0'	278	2.5	2.5
7.5'	123	3.7	3.7
10.0'	69	4.9	4.9
12.5'	44	6.1	6.1

D	FC	L	W
5.0'	166	2.9	2.9
7.5'	74	4.3	4.3
10.0'	42	5.8	5.8
12.5'	27	7.2	7.2



Notes and Definitions

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W = Effective Visual Beam width in feet (50% of maximum footcandle level).
CB = Distance across or down to center beam location.

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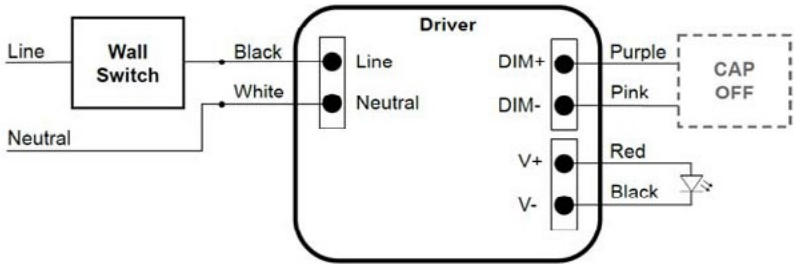
WIRING DIAGRAM

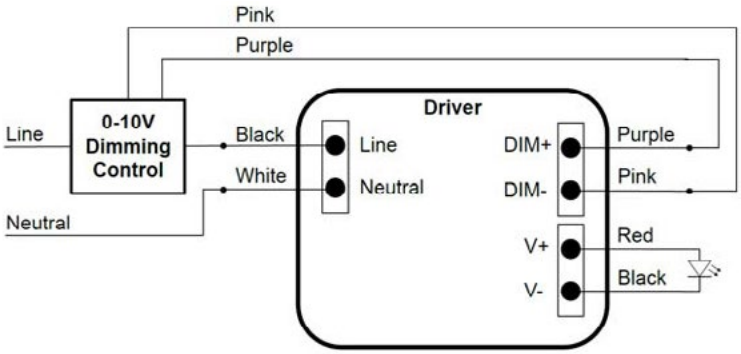
No Dimming
Input 120VAC-277VAC 50/60Hz

NOTE:
Cap off unused wires individually.
DO NOT cap together.



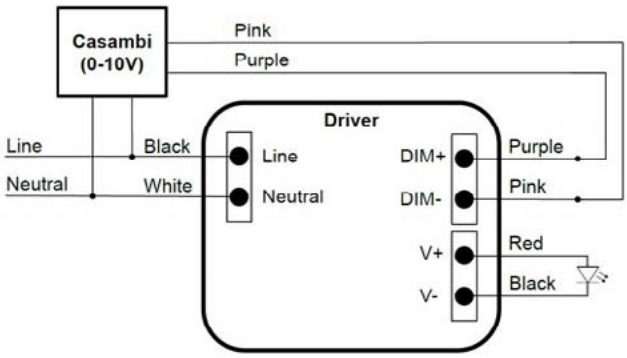
0-10V Dimming
Input 120VAC-277VAC 50/60Hz
Range 3%-100% dim to off

NOTE:
Cap off unused wires individually.
DO NOT cap together.



Casambi Dimming (CAS)
Input 120VAC-277VAC 50/60Hz
Range 0.1%-100% dim to off

NOTE:
Cap off unused wires individually.
DO NOT cap together.



JESCO recommends testing your unique dimming configuration as the exact full configuration (Dimmer, Fixture Quantity, Voltage, etc) may affect dimming performance. Diagrams are examples of typical installations. Refer to specific dimmer manufacturer's documentations for details.

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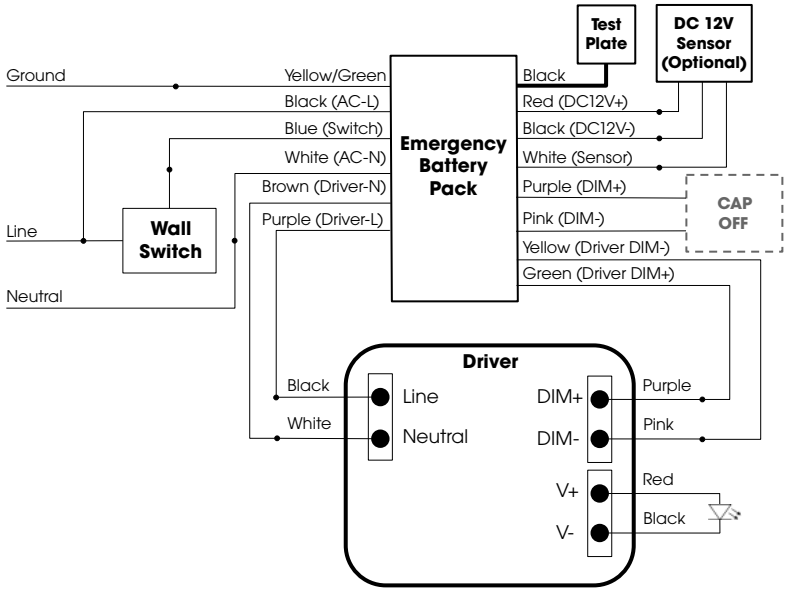
EMERGENCY BATTERY PACK WIRING DIAGRAM

Non-Dimming (010)

Input 120VAC-277VAC 50/60Hz

NOTE: Cap off unused wires individually.
DO NOT cap together.

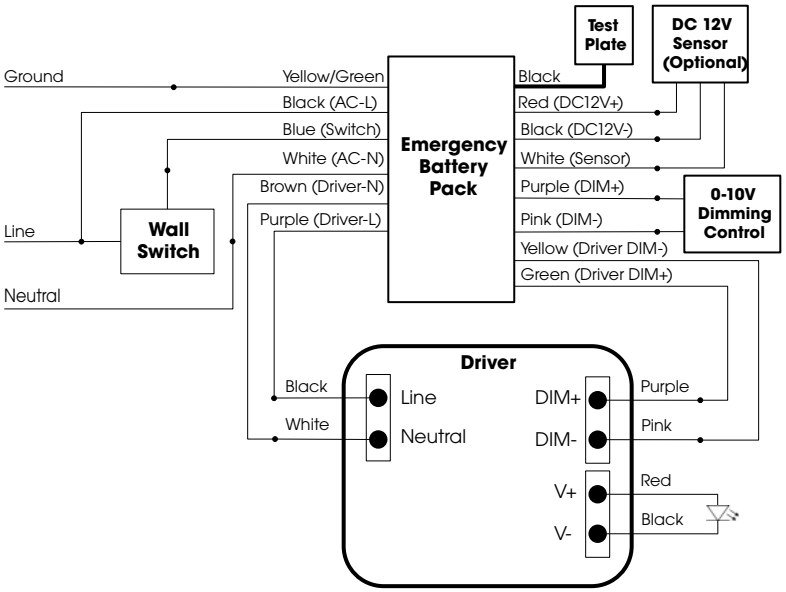


0-10V Dimming (010)

Input 120VAC-277VAC 50/60Hz
Range 0.1% - 100% dim to off

NOTE: Cap off unused wires individually.
DO NOT cap together.

Wall Switch and 0-10V dimmer may be one unit or two separate units



JESCO recommends testing your unique dimming configuration as the exact full configuration (Dimmer, Fixture Quantity, Voltage, etc) may affect dimming performance. Diagrams are examples of typical installations. Refer to specific dimmer manufacturer's documentations for details.

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