



# VIEWPOINT FLOOD LIGHT

## INSTALLATION INSTRUCTIONS

### ⚠ CAUTION

PLEASE READ INSTRUCTIONS BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCE.  
Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician.

### ⚠ WARNING

To avoid the risk of fire, explosion, or electric shock, this product shall be installed, inspected, and maintained by a qualified electrician, in accordance with all applicable electrical codes.

### ⚠ WARNING

- To avoid electric shock:
- Be certain electrical power is OFF before and during installation or maintenance.
  - Luminaire must be connected to a wiring system with equipment-grounding conductor
- To avoid explosion:
- Make sure the supply voltage is the same as the rated luminaire voltage.
  - Do not install where marked operating temperatures exceed the ignition temperature of the hazardous atmosphere.
  - Do not operate in ambient temperatures above those indicated on the luminaire.
  - Do not use any electric generator to power the LED fixture.

## General Wiring Diagram:

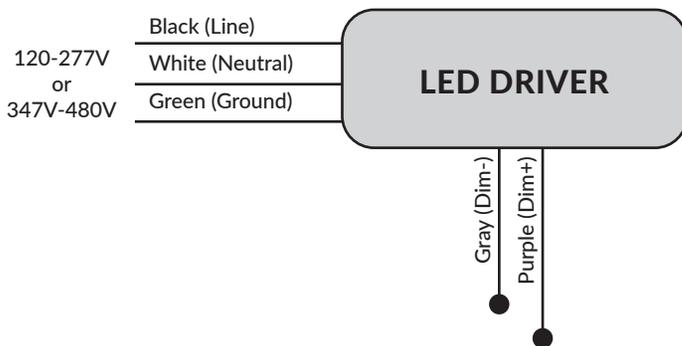


Figure 1

Universal voltage driver permits operation at 120-277V / 347-480V<sup>(1)</sup>, 50-60Hz.  
0-10V control wires must be rated for 300V minimum.  
For 0-10V Dimming, follow the wiring direction as in Figure 1.

1. Connect the black fixture lead to the (+) LINE supply lead.
2. Connect the white fixture lead to the (-) NEUTRAL supply lead.
3. Connect the GROUND wire from fixture to supply ground. Do NOT connect the GROUND of the dimming fixture to the output.
4. Connect the Purple fixture lead to the (V+) DIM lead.
5. Connect the gray fixture lead to the (V-) DIM lead.

## Instruction:

This LED Flood Light uses the latest in solid-state lighting technology for long life, low maintenance, and high efficiency.

- This luminaire can field select color temperature between either 3000K/4000K/5000K, default with 4000K<sup>(2)</sup>.
- This luminaire can field adjust the brightness through the DIP switch.
- The products are standard with photocell.
- The solid-state driver allows operation on nominal 120-277V / 347-480V<sup>(1)</sup>, 50-60Hz AC supply without any variation in light output.

Suitable for use in the following locations:

- Ambient Temperature: -40°F to 122°F (-40°C to 50°C)<sup>(3)</sup>
- Suitable for Wet Locations.

Footnotes:

(1) 347-480V complies for 14L/20L/30L/40L.

(2) 2L/5L/7L/10L/14L items are field select color temperature with 3000K/4000K/5000K and default set to 4000K; 20L/30L/40L items are static CCT with 4000K / 5000K.

(3) Not comply for 30L, which is: -40°F to 113°F (-40°C to 45°C).

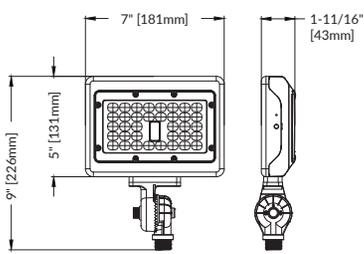


# VIEWPOINT FLOOD LIGHT

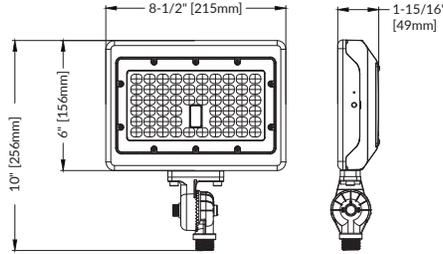
## INSTALLATION INSTRUCTIONS

### Installation Instructions:

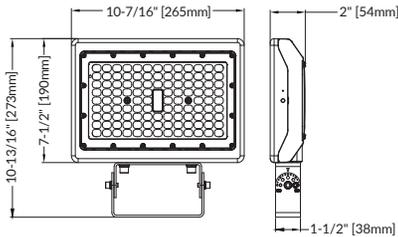
1. Read all Warnings and Installer Notes before proceeding with this installation.
2. Check to ensure all parts listed are included in your installation



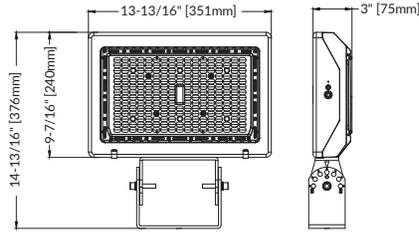
VFC-XX-X-CCTS-X-KNK



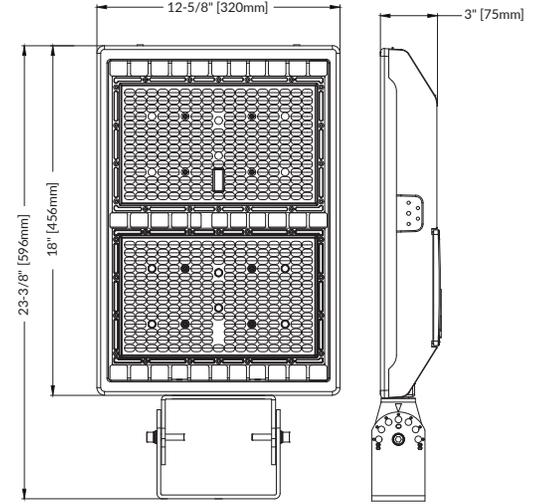
VFS-XX-X-CCTS-X-KNK



VFM-XX-X-CCTS-X-TRN



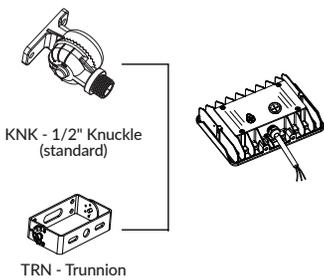
VFL-XX-X-X-X-TRN



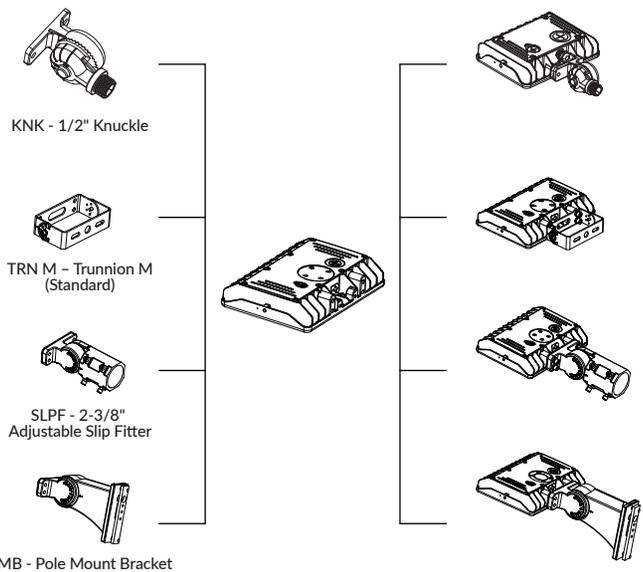
VFX-XX-X-X-X-TRN

### Optional Brackets:

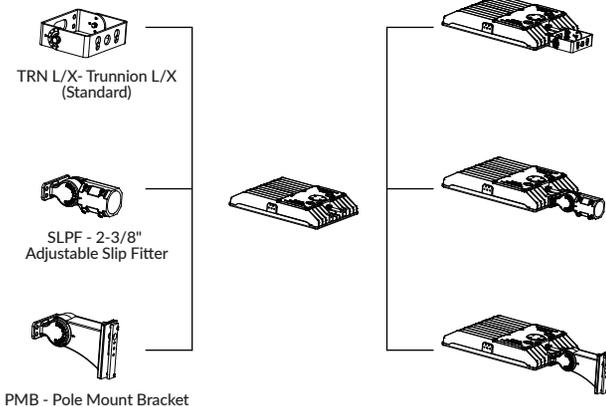
#### Optional brackets for VFC, VFS



#### Optional brackets for VFM



#### Optional brackets for VFL, VFX





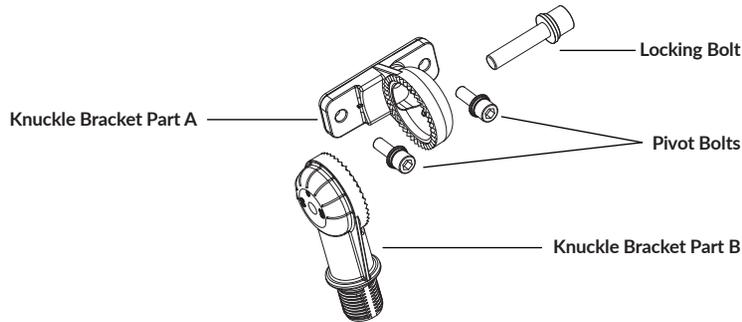
# VIEWPOINT FLOOD LIGHT

## INSTALLATION INSTRUCTIONS

### Installation Instructions

TURN OFF POWER FROM MAIN CIRCUIT BREAKER

#### 1. KNK - 1/2" Knuckle Mounting



#### Assembling the mounting bracket:

- Pass the input cable of the fixture through hardware and gasket mat (Figure 1-1).
- Match the hole of hardware and gasket mat with **Knuckle Bracket Part A**, pass cable through and fix them to the fixture with the **Pivot Bolts**. (Figure 1-2)
- Pass the cable through **Knuckle Bracket Part B** and assemble the two parts together with the **Locking Bolt**. (Figure 1-3)

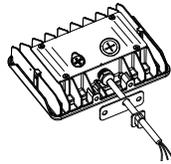


Figure 1-1

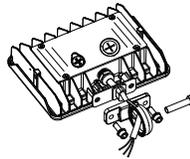


Figure 1-2

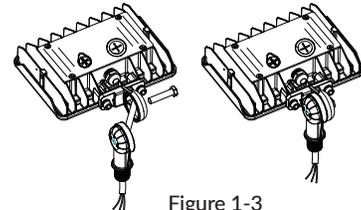


Figure 1-3

#### Mounting the fixture:

- Pole mount: Make appropriate wiring according to the "General Wiring Diagram". Tuck the wires into the pole. Tighten the fixture thread with the pole until securely fasten. (Figure 1-4).
- Surface mount: Pass the **Knuckle Bracket** through mounting surface, tighten the fixture thread with a nut (provided by other) until securely fasten, then make appropriate wiring according to the "General Wiring Diagram". (Figure 1-5)
- To adjust the fixture angle, loose the **Locking Bolt** and adjust fixture to desired angle. Tighten the **Locking Bolt** to secure it.

Notice: Adjustable angle is 0~+/-90°

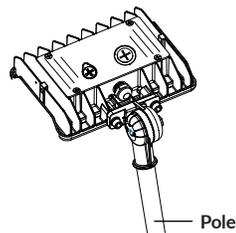


Figure 1-4

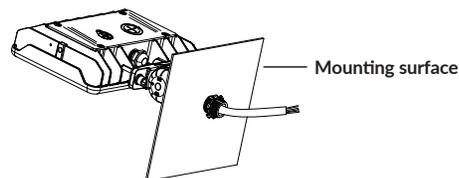


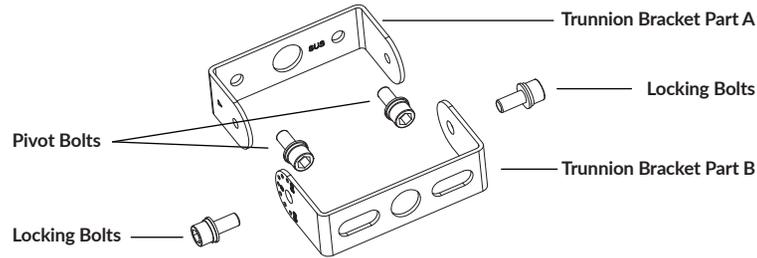
Figure 1-5



# VIEWPOINT FLOOD LIGHT INSTALLATION INSTRUCTIONS

## Installation Instructions

### 2. TRN - Trunnion Mounting



#### Assembling the mounting bracket:

- Pass the input cable of the fixture through hole of the **Trunnion Bracket Part A**. (Figure 2-1)
- Fix the **Trunnion Bracket Part A** to the fixture with **Pivot Bolts**. (Figure 2-2)
- Attached together the **Trunnion Bracket Part B** to **Part A** with **Locking Bolts**. (Figure 2-3)

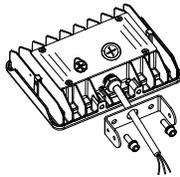


Figure 2-1

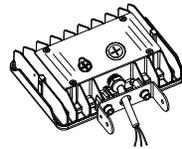


Figure 2-2

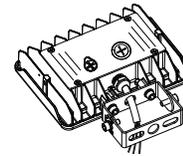


Figure 2-3

#### Mounting the fixture:

- Drill the holes on the wall per your fixture size (refer to distance shown below) to attach the **Trunnion Bracket Part A**, knock the expansion bolts (provided by other) into the holes (Figure 2-4).
- Fix the **Trunnion Bracket part B** to the wall and tighten the fixing screws (provided by other) until securely fastened.
- Attached together the **Trunnion Bracket Part B** to **Part A** with **Locking Bolts**.
- Make appropriate wiring according to the "General Wiring Diagram" and tuck the wires into the **Junction Box** in the wall (provided by other). (Figure 2-5)
- To adjust the fixture angle, loose the **Locking Bolt** and adjust fixture to desired angle. Tighten the **Locking Bolt** to secure it. (Figure 2-6)

Notice: Adjustable angle is 0~+/-90°

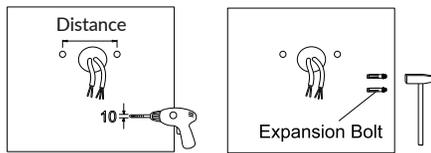


Figure 2-4

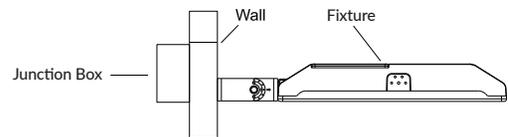
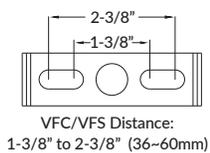
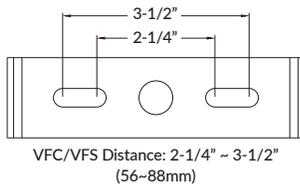


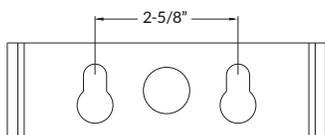
Figure 2-5



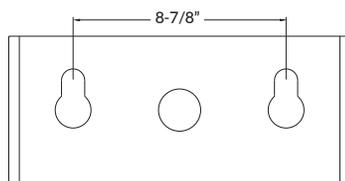
VFC/VFS Distance:  
1-3/8" to 2-3/8" (36~60mm)



VFC/VFS Distance: 2-1/4" ~ 3-1/2"  
(56~88mm)



VFL Distance: 2-5/8" (68mm)



VFX Distance: 8-7/8" (101mm)

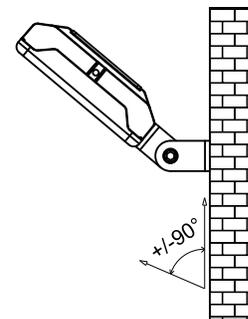


Figure 2-6

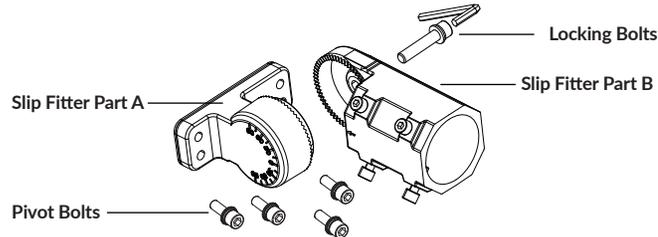


# VIEWPOINT FLOOD LIGHT

## INSTALLATION INSTRUCTIONS

### Installation Instructions

#### 3. SLPF - 2-3/8" Adjustable Slip Fitter Mounting



##### Assembling the mounting bracket:

- Separate the Slip Fitter parts by unscrewing the Locking Bolt. (Figure 3-1)
- Pass the input cable of the fixture through the Slip Fitter Part A and fix it to the fixture with Pivot Bolts. (Figure 3-2)
- Attach the Slip Fitter Part B and the Slip Fitter Part A and fasten the Locking Bolts.

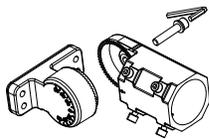


Figure 3-1

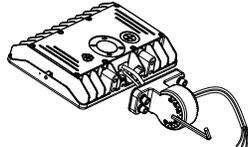


Figure 3-2

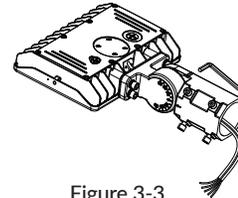


Figure 3-3

##### Mounting the fixture:

- Make appropriate wiring according to the "General Wiring Diagram".
- Put the wires into pole, insert Slip Fitter on the pole, and fasten the Fixing Bolts to secure it. (Figure 3-4)
- To adjust the fixture angle, loose the Locking Bolt and adjust fixture to desired angle. Tighten the Locking Bolt to secure it. (Figure 3-4)

Notice: Adjustable angle is 0~+/-90°

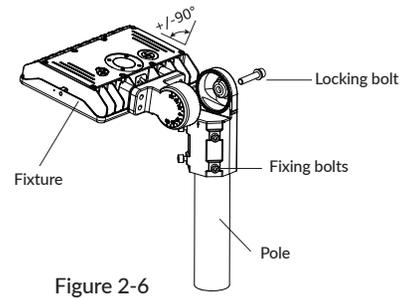
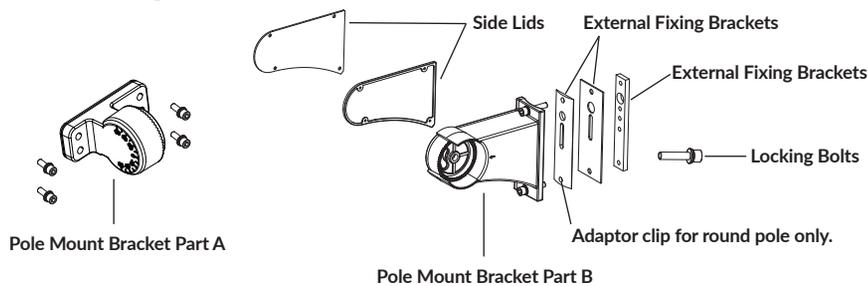


Figure 2-6

#### 4. PMB - Pole Mount Bracket Mounting



##### Assembling the mounting bracket:

- Separate the Pole Mount Bracket parts A and B by unscrewing the Locking Bolt.
- Pass the input wire of the fixture through the Pole Mount Bracket Part A and fix it to the fixture with Pivot Bolts. (Figure 4-1)
- Open the Side Lids, pass the power cable through the Pole Mount Bracket Part B. (Figure 4-2)
- Put back the Side Lids and secure them with screws. (Figure 4-3)



Figure 4-1

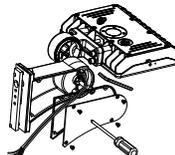


Figure 4-2

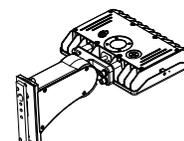


Figure 4-3



# VIEWPOINT FLOOD LIGHT

## INSTALLATION INSTRUCTIONS

### Installation Instructions

#### Mounting the fixture:

- Open the Side Lids of Pole Mount Bracket part B and separate the Fixing Brackets from the fixture.
- Place the internal fixing bracket inside the pole, pass the pole cable through it. Place the external fixing bracket outside the pole and pass the pole cable through it. Pass the pole cable through the Pole Mount Bracket B and attach it to the external and internal fixing brackets with fixing bolts. Note: Round pole should be installed with adapting plate (Figure 4-5).
- Attached together the Pole Mount Bracket Part B to Part A, and secure them with Locking Bolt.
- Make appropriate wiring according to the “General Wiring Diagram” and tuck all the wire in the Pole Mount Bracket. Close the Side Lids and tighten it. (Figure 4-4)
- To adjust the fixture angle, loose the Locking Bolt and adjust fixture to desired angle. Tighten the Locking Bolt to secure it.

Note: Adjustable angle is 0-35°

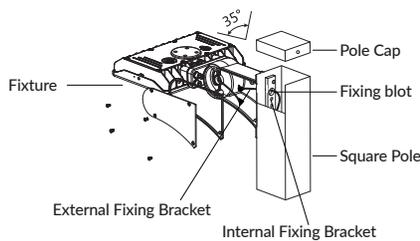


Figure 4-4

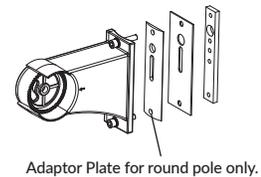
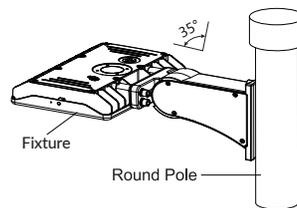


Figure 4-5

#### 5. Instruction for Wattage, Photocell and CCT adjustment

- Use a screwdriver or coin to unscrew the translucent plug, as shown in Figure 5-1
- Refer to Figure 5-2 for the lumen output / photocell / CCT settings.
- Adjust settings as desired. After the setting adjustment is finished, put back the translucent plug and tighten it properly. (Use torque 1.2±0.1 N.M. to have the adequate seal).

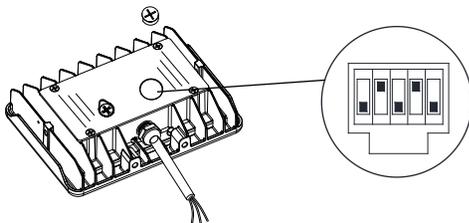


Figure 5-1

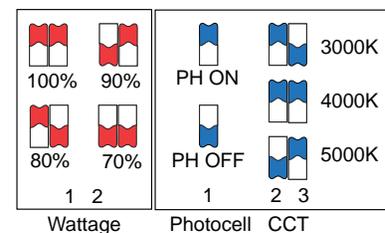


Figure 5-2

#### Factory settings:

Wattage: 100% / Photocell: ON / CCT: 4000K (VFC, VFS, VFM)



# VIEWPOINT FLOOD LIGHT

## INSTALLATION INSTRUCTIONS

### Nominal Lumen Output Settings

DIP Switch Position FOLLOWING:					
		100%	90%	80%	70%
VFC-2L-U-CCTS-W	Power (W)	16	15	13	12
	lm @3000K	2,000	1,880	1,680	1,460
	lm @4000K	2,200	2,068	1,848	1,606
	lm @5000K	2,100	1,974	1,764	1,533
VFS-5L-U-CCTS-W	Power (W)	40	35	32	27
	lm @3000K	5,000	4,500	4,000	3,550
	lm @4000K	5,500	4,950	4,400	3,905
	lm @5000K	5,200	4,680	4,160	3,692
VFS-7L-U-CCTS-W	Power (W)	53	47	42	36
	lm @3000K	6,500	5,850	5,265	4,680
	lm @4000K	7,200	6,480	5,832	5,184
	lm @5000K	6,850	6,165	5,549	4,932
VFM-10L-U-CCTS-W	Power (W)	79	73	65	56
	lm @3000K	9,900	9,306	8,415	7,326
	lm @4000K	11,000	10,340	9,350	8,140
	lm @5000K	10,450	9,823	8,883	7,733
VFM-14L-U-CCTS-W	Power (W)	100	92	82	71
	lm @3000K	12,500	11,625	10,500	9,250
	lm @4000K	14,000	13,020	11,760	10,360
	lm @5000K	13,000	12,090	10,920	9,620
VFL-20L-U-40/50-W	Power (W)	148	121	108	95
	lm @4000K	20,000	17,000	15,600	14,000
	lm @5000K	20,000	17,000	15,600	14,000
VFL-30L-U-40/50-W	Power (W)	205	166	148	129
	lm @4000K	29,000	24,360	22,330	19,720
	lm @5000K	29,000	24,360	22,330	19,720
VFX-40L-U-40/50-W	Power (W)	285	237	214	188
	lm @4000K	40,000	34,000	30,800	27,600
	lm @5000K	40,000	34,000	30,800	27,600

DIP Switch Position FOLLOWING:					
		100%	90%	80%	70%
VFM-14L-HV-CCTS-W	Power (W)	100	83	75	66
	lm @4000K	14,383	12,157	10,964	9,780
	lm @5000K	14,000	11,833	10,672	9,520
VFL-20L-HV-40/50-W	Power (W)	150	123	111	98
	lm @4000K	20,820	17,281	15,969	14,137
	lm @5000K	20,000	16,600	15,340	13,580
VFL-30L-HV-40/50-W	Power (W)	240	199	180	158
	lm @4000K	28,610	24,319	21,744	19,455
	lm @5000K	29,000	24,650	22,040	19,720
VFX-40L-HV-40/50-W	Power (W)	320	262	237	208
	lm @4000K	42,000	35,461	32,760	28,900
	lm @5000K	40,000	33,772	31,200	27,524



# VIEWPOINT FLOOD LIGHT

## INSTALLATION INSTRUCTIONS

### After Installation:

AFTER INSTALLATION IS COMPLETE, PLEASE CHECK THE FOLLOWING:

- Ensure the lighting fixture is firmly fixed.
- Ensure wires are connected correctly before applying power.
- At last, turn on the power, and check if the lighting fixture works properly. If not, turn off the power and contact your local dealer.

**WARNING:** The luminaire shall be installed by qualified electrician.

### Cleaning and Maintenance:

**CAUTION:** Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Clean lens & fixture with non-abrasive cleaning solution.
2. Do not allow LED modules or other electronics to come into contact with water, solvents, or other chemicals
3. Clean the diffuser only with a mild soap and water. Do not use solvents such as alcohol or bleach.
4. Clean painted surfaces only with a mild soap, isopropyl alcohol, or acetic acid solution.