

FEATURES:

- Surge protector.
- White painted parts are treated with a five-stage phosphate bonding process and finished with high reflectance baked enamel.
- Low profile design optimizes shipping, storage, and handling.
- Diffuser is secured continuously along luminaire sides.
- Polycarbonate lens, UV resistant.
- Tool-less design driver cover snap into housing for easy installation.
- Performance engineered optical lens assembly delivers unique beam angles and reduces glare.
- High quality LED Chips provide high efficiency, heat dissipation, stability, and lumen maintenance.
- Driver disconnect provided where required to comply with US and Canadian codes.
- May be surface or pendant(cable, hanging chain or stem kits) mounted.
- Class II/P driver, with 0-10V or Triac dimming.
- Ambient Temperature:-30 ~ 40 °C (-22° F to +104° F)
- Wet Location Rated



APPLICATIONS:

Food processing
 Gas Station/Laboratories
 Industrial Facilities
 Refrigeration/Freezers
 Parking Garage/Utility
 Warehouse/Supermarket



ORDERING: (KK=CCT, can be 30, 35, 40, 50) (The lumens are tested with frosted lens)

Item	Watts	Efficacy	Lumens	Dimension(L*W*H):Inch		
RVT 4725	25W	130lm/w	3,250lm	26.87	6.75	3.88
RVT 4740	40W	130lm/w	5,200lm	50.75	6.75	3.88
RVT 4760	60W	130lm/w	7,800lm	50.75	6.75	3.88
RVT 4775	75W	130lm/w	9,750lm	50.75	6.75	3.88



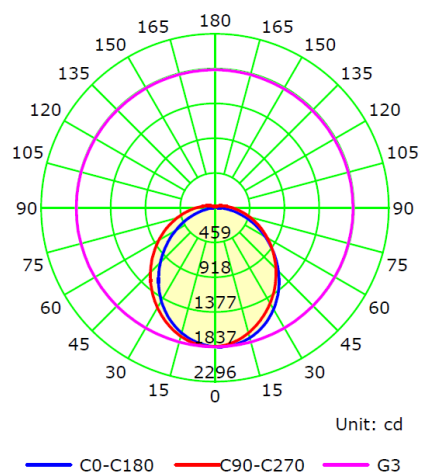
*Due to continuing product improvements, Rayo Designs reserves the right to change the specifications without notice.

ORDERING

Model	Color of Lens	Watts	Length	Mounting Method	CCT	Driver	Accessories
RVT 4725	LM-Milky lens	025: 25W	12-2ft	B: Surface/	30:3000K	D1:120/277V	A: No sensor&EM
	LD-Clear lens	040: 40W	14-4ft	Suspended	35:3500K	D2:347V	B: With Sensor
	LX-No lens	060: 60W		W: Wall	40:4000K	D3:120-347V	C: With EM
		075: 75W		R: Recessed	45:4500K	D4:480V	D: With
					50:5000K	D5:347-480V	Sensor&EM
					VK-CCT tunable		

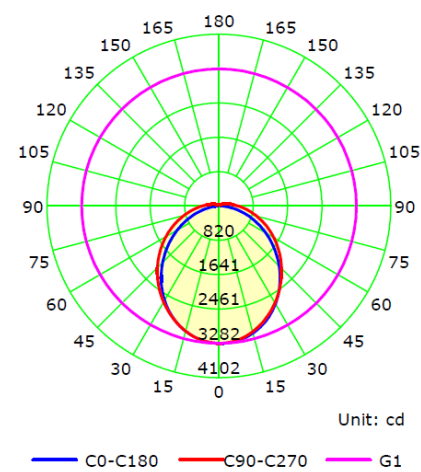
PHOTOMETRIC

Luminous Intensity Distribution Curve



Luminaire	5000K
Input Voltage(VAC)	120-277
Power (W)	40.4
Delivered Lumen(Lm)	5526.9
Efficacy(Lm/W)	137
Beam Angle	H103.4 V112.4
Power Factor(PF)	>92
Color Rendering Index(CRI)	>82

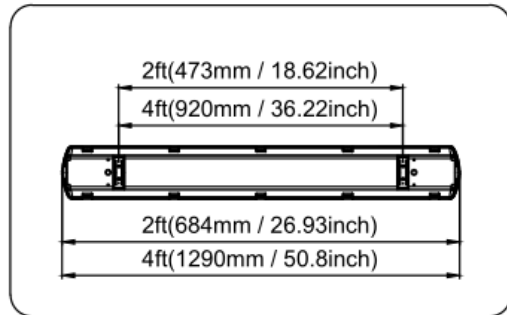
Luminous Intensity Distribution Curve



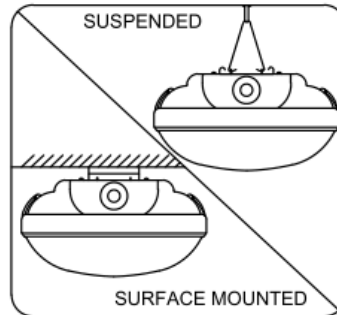
Luminaire	5000K
Input Voltage(VAC)	120-277
Power (W)	74.89
Delivered Lumen(Lm)	9883.5
Efficacy(Lm/W)	132
Beam Angle	H103.2 V112.6
Power Factor(PF)	>92
Color Rendering Index(CRI)	>82

Installation

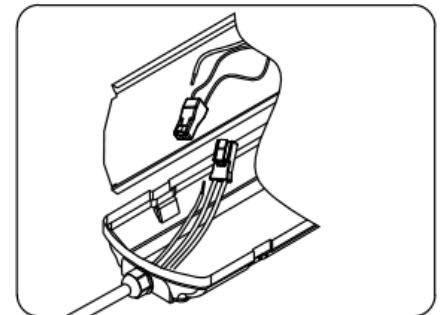
■ Installation Dimension



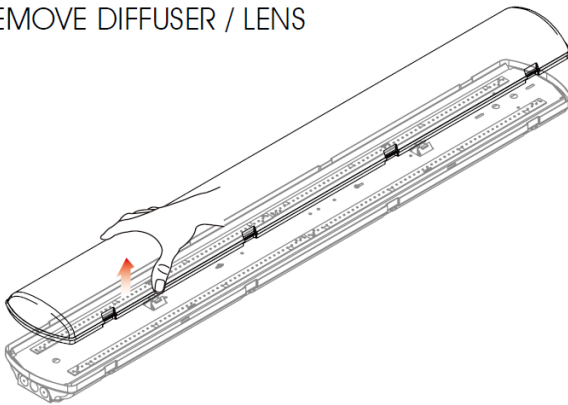
■ Installation



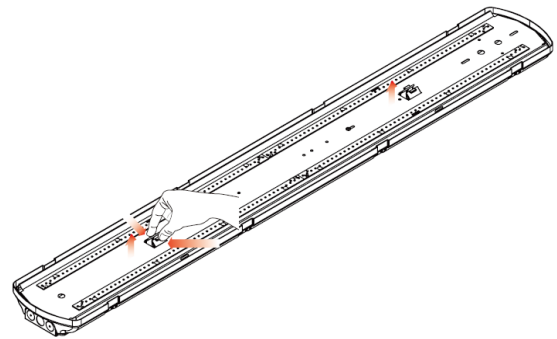
■ Electrical Connection



REMOVE DIFFUSER / LENS

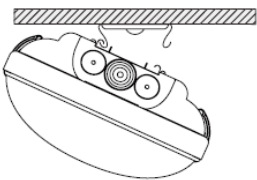


REMOVE LED REFLECTOR FROM HOUSING

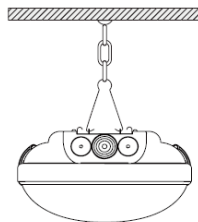


Multi mounting

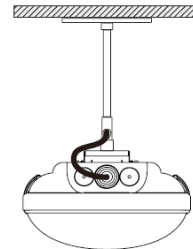
SURFACE MOUNT



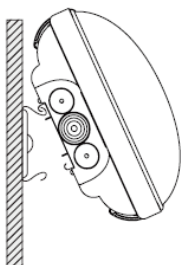
CHAIN HANG MOUNT (CH)



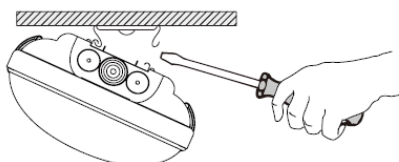
SINGLE PENDANT MOUNT (SPK)



WALL MOUNT



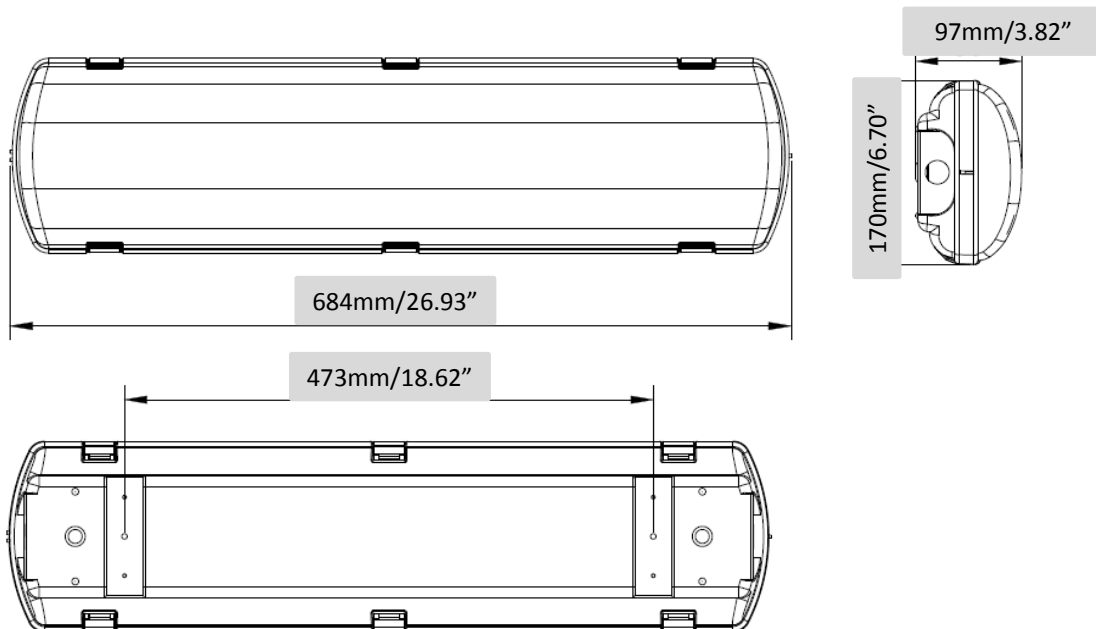
FIXTURE REMOVAL (IF NECESARY)



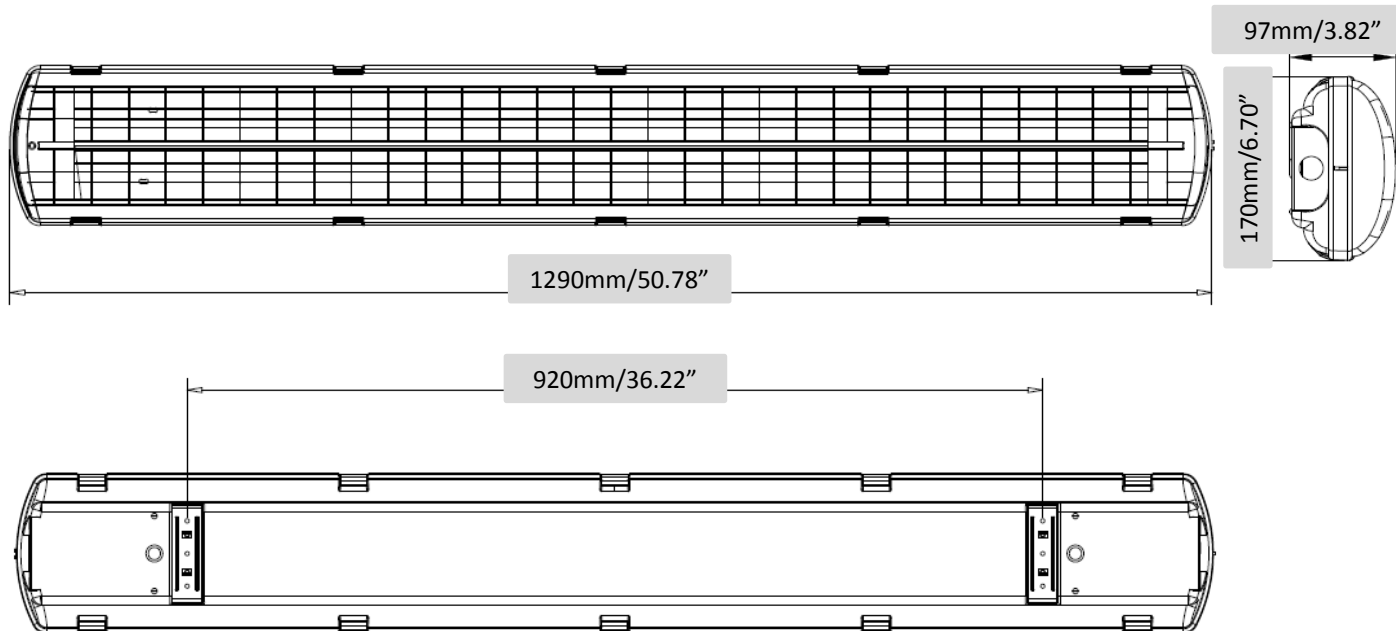


Line Drawing

2ft



4ft

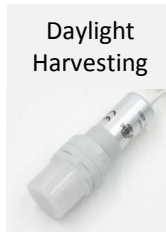


Accessories to be added separately

Dimming Sensor(Interior)



Daylight
Harvesting



MC601V

Operating voltage	120~277Vac, 50Hz/60Hz
Rated capacitive load	120V@400W;220-240V@800W;277V@1000W
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤0.5W(standby), <1W(operation)
Detection zone	Max.(D x H): 16m x 15m
Detection sensitivity	10% / 50% / 75% / 100%
Hold time	5s / 30s / 90s / 3min / 20min / +∞
Daylight sensor	2lux/5lux / 10lux / 25lux / 50lux / 100lux / Disable
Stand-by period	0s / 5s / 5min / 10min / 30min / 1h / +Disable
Stand-by dimming level	10% / 20% / 30% / 50%
Mounting height	15m Max.
Motion detection	0.5~3m/s
Detection angle	150°(wall installation), 360°(ceiling installation)
Operating temperature	-35℃ ~ 70℃
IP rating	IP20

On/Off Sensor(Interior)



MC602S

Operating voltage	120~277Vac, 50Hz
Rated load	120V@400W;220-240V@800W;277V@1000W
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤0.5W(standby)
Detection zone	Max.(D x H): 16m x 15m
Detection sensitivity	25% / 50% / 75% / 100%
Hold time	5s / 30s / 90s / 3min / 20min / 30min
Daylight sensor	5Lux/15Lux/30Lux/50Lux/100Lux/Disable
Mounting height	15m Max.
Motion detection	0.5~3m/s
Detection angle	150°(wall installation) 360°(ceiling installation)
Operating temperature	-20℃ ~ 60℃
IP rating	IP20

Emergency(Interior)



RB-CM20E-4800800
Lithium Battery

- Meet most of safety standards for lighting
- Standard CSA C22.2 NO.141、UL924
- External Ni-MH battery
- Battery protections: over charge protection、over discharge protection、short circuit protection
- Indicator shows a variety working modes
- Universal input (100~277Vac)
- RoHS compliant
- Emergency 1.5H