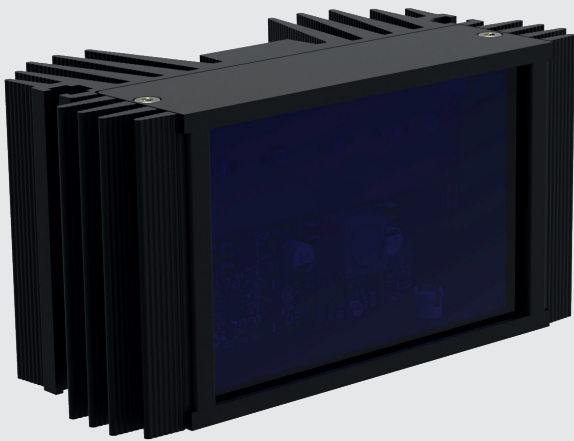


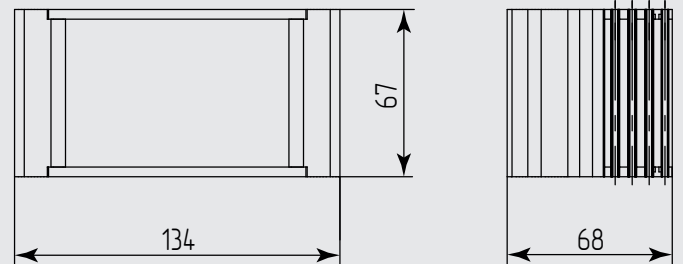
# Helios IR-294-S

Medium range Infrared illuminator









MICROLIGHT



Supply voltage	12...24 V AC/DC
Power consumption	9.0 W
Built-in photocell	yes
Ingress protection	IP67, IK10
Operation temperature	-40...+50 °C
Weight	1.0 kg



Wavelength, nm	Angle, °	Distance, m	Horizontal spot size, m
850	10	140	24
	15	90	23
	30	47	24
	45	32	24
	60	23	23
	90	17	24
	120	12	21
940	10	65	11
	15	40	10
	30	22	11
	45	14	11
	60	11	11
	90	8	11
	120	6	10

-  built-in current regulator
-  increased efficiency of removal of heat from the radiating elements
-  high-performance surface-mount LEDs
-  IR light filter with minimal loss of radiation power
-  tripping delay photocell to prevent accidental turn off
-  built-in photocell
-  supply voltage 185...265 V AC
-  supply voltage 12...24 V AC/DC

Distance is indicated for the camera with 1.3 ° 2 Mpix sensor and Sence-Up mode off. Use a correction factor 2.5 - 3.0 to determine the approximate distance for camera with CCD sensor.

#### Options available:

- w/o built-in photocell
- screw-thread 1/4" (1/4-20 UNC)
- PoE IEEE 802.3af (PoE)
- supply voltage 185...265 V AC
- RAL color available



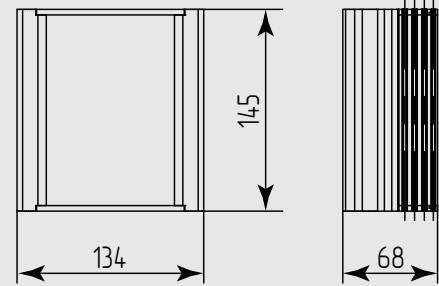
# Helios IR-294-M

Medium range Infrared illuminator

MICROLIGHT



Supply voltage	12...24 V AC/DC
Power consumption	18.0 W
Built-in photocell	yes
Pressure equalization valve	yes
Ingress protection	IP67, IK10
Operation temperature	-40...+50 °C
Weight	1.2 kg



Wavelength, nm	Angle, °	Distance, m	Horizontal spot size, m
850	10	195	34
	15	125	33
	30	66	34
	45	45	34
	60	32	32
	90	23	33
	120	17	29
940	10	90	16
	15	55	14
	30	31	16
	45	20	15
	60	16	16
	90	11	16
	120	8	14

- built-in current regulator
- increased efficiency of removal of heat from the radiating elements
- high-performance surface-mount LEDs
- IR light filter with minimal loss of radiation power
- tripping delay photocell to prevent accidental turn off
- built-in photocell
- Supply voltage 185...265 V AC
- supply voltage 12...24 V AC/DC

Distance is indicated for the camera with 1.3 ° 2 Mpix sensor and Sence-Up mode off. Use a correction factor 2.5 - 3.0 to determine the approximate distance for camera with CCD sensor.

Options available:  
 w/o built-in photocell  
 screw-thread 1/4" (1/4-20 UNC)  
 PoE IEEE 802.3at (PoE+)  
 supply voltage 185...265 V AC  
 RAL color available





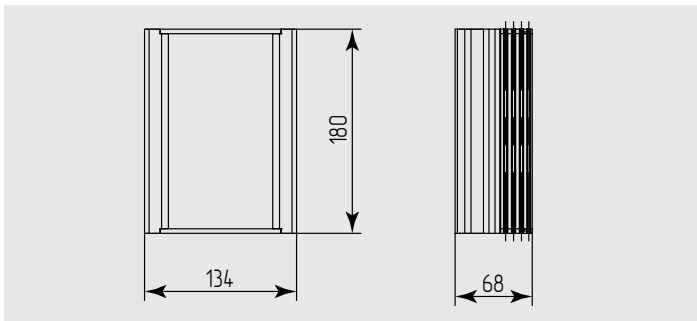
# Helios IR-294-L

Medium range Infrared illuminator









MICROLIGHT



Supply voltage	12...24 V AC/DC
Power consumption	27.0 W
Built-in photocell	yes
Pressure equalization valve	yes
Ingress protection	IP67, IK10
Operation temperature	-40...+50 °C
Weight	1.7 kg



Wavelength, nm	Angle, °	Distance, m	Horizontal spot size, m
850	10	240	42
	15	155	40
	30	81	42
	45	55	42
	60	40	40
	90	28	40
	120	21	36
940	10	110	19
	15	65	17
	30	38	20
	45	24	19
	60	19	19
	90	14	20
	120	10	17

-  built-in current regulator
-  increased efficiency of removal of heat from the radiating elements
-  high-performance surface-mount LEDs
-  IR light filter with minimal loss of radiation power
-  tripping delay photocell to prevent accidental turn off
-  built-in photocell
-  supply voltage 185...265 V AC
-  supply voltage 12...24 V AC/DC

Distance is indicated for the camera with 1.3 ° 2 Mpix sensor and Sence-Up mode off. Use a correction factor 2.5 - 3.0 to determine the approximate distance for camera with CCD sensor.

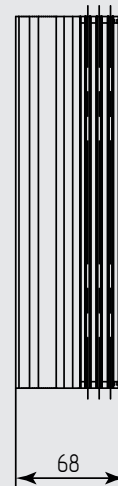
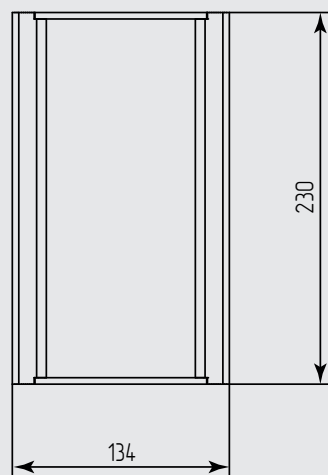
Options available:  
w/o built-in photocell  
screw-thread 1/4" (1/4-20 UNC)  
PoE IEEE 802.3at (UPoE)  
supply voltage 185...265 V AC  
RAL color available



# Helios IR-294-XL









Long range Infrared illuminator

MICROLIGHT



Supply voltage	185...265 B AC
Power consumption	35.0 W
Built-in photocell	yes
Pressure equalization valve	yes
Ingress protection	IP67, IK10
Operation temperature	-40...+50 °C
Weight	1.9 kg

Wavelength, nm	Angle, °	Distance, m	Horizontal spot size, m
850	10	280	49
	15	180	47
	30	94	49
	45	64	49
	60	46	46
	90	32	45
	120	24	42
940	10	130	23
	15	80	21
	30	44	23
	45	28	21
	60	22	22
	90	16	23
	120	11	19

-  built-in current regulator
-  increased efficiency of removal of heat from the radiating elements
-  high-performance surface-mount LEDs
-  IR light filter with minimal loss of radiation power
-  tripping delay photocell to prevent accidental turn off
-  built-in photocell
-  supply voltage 12...24 V AC/DC
-  supply voltage 185...265 V AC

Distance is indicated for the camera with 1.3 ° 2 Mpix sensor and Sence-Up mode off. Use a correction factor 2.5 - 3.0 to determine the approximate distance for camera with CCD sensor.

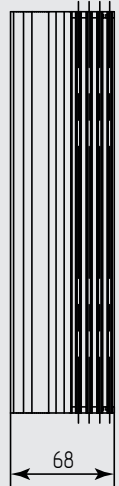
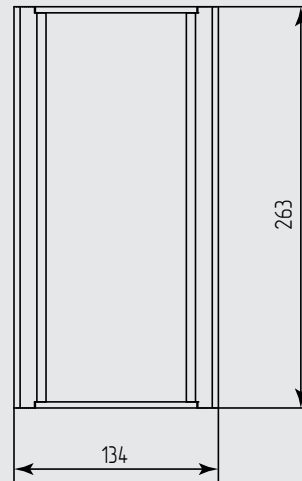
Options available:  
 w/o built-in photocell  
 screw-thread 1/4" (1/4-20 UNC)  
 PoE IEEE 802.3at (UPoE)  
 supply voltage 12...24 V AC/DC  
 RAL color available



# Helios IR-294-XXL









Ultra long distance Infrared illuminator

MICROLIGHT



Supply voltage	185...265 B AC
Power consumption	45.0 W
Built-in photocell	yes
Pressure equalization valve	yes
Ingress protection	IP67, IK10
Operation temperature	-40...+50 °C
Weight	2.2 kg

Wavelength, nm	Angle, °	Distance, m	Horizontal spot size, m
850	10	310	54
	15	200	52
	30	105	54
	45	72	55
	60	51	51
	90	36	51
	120	27	47
940	10	145	25
	15	85	22
	30	49	25
	45	31	24
	60	25	25
	90	18	25
	120	12	21

-  built-in current regulator
-  increased efficiency of removal of heat from the radiating elements
-  high-performance surface-mount LEDs
-  IR light filter with minimal loss of radiation power
-  tripping delay photocell to prevent accidental turn off
-  built-in photocell
-  supply voltage 12...24 V AC/DC
-  supply voltage 185...265 V AC

Distance is indicated for the camera with 1.3 ° 2 Mpix sensor and Sence-Up mode off. Use a correction factor 2.5 - 3.0 to determine the approximate distance for camera with CCD sensor.

Options available:  
 w/o built-in photocell  
 screw-thread 1/4" (1/4-20 UNC)  
 PoE IEEE 802.3at (UPoE)  
 supply voltage 12...24 V AC/DC  
 RAL color available

