

# Independence Electric Co.



663 Birch Street  
Campbell River, BC  
V9W 2T2  
(250) 286-6129

## High Power LED Flood Light 20 – 50W (Cree LED)



50W Flood Light shown (other mounting brackets available)

### Technical specifications

Item NO.	ICO-HLF-20W-12	ICO-HLF-30W-12	ICO-HLF-40W-24	ICO-HLF-50W-24
Input Voltage	12VDC, 24VDC	12VDC, 24VDC	24 VDC	24 VDC
Frequency range	50HZ-60HZ	50HZ-60HZ	50HZ-60HZ	50HZ-60HZ
Total Harmonic distortion	<15%	<15%	<15%	<15%
Power Factor	>0.90	>0.90	>0.90	>0.90
Power efficiency	88%	88%	88%	88%
LED power	20W	30W	40W	50W
LED quantity	20pcs *1w	30pcs *1w	40pcs *1w	50pcs *1w
Operating voltage	12 VDC, 24 VDC	12 VDC, 24 VDC	24 VDC	24 VDC
Current	Constant current	Constant current	Constant current	Constant current
LED efficiency	≧ 120lm/w	≧ 120lm/w	≧ 120lm/w	≧ 120lm/w
LED view (Can be changed with optics)	120 degree	120 degree	120 degree	120 degree
LED lumen ( Tj = 25 °C )	2400 lm	3600 lm	4800 lm	6000lm
LED DRIVER efficiency	> 92 %	> 92 %	> 92%	> 92%
Lux ( brightness varies with beam angle)				
Color temperature	5000—7000K	5000—7000K	5000—7000K	5000—7000K
Color index	Ra > 75	Ra > 75	Ra > 75	Ra > 75
Operating temperature	−40°C ~ 60°C	−40°C ~ 60°C	−40°C ~ 60°C	−40°C ~ 60°C
Humidity	10-100%RH	10-100%RH	10-100%RH	10-100%RH
Life span	> 50,000 Hrs	> 50,000 Hrs	> 50,000 Hrs	> 50,000 Hrs
Housing	Aluminum + tempered glass	Aluminum + tempered glass	Aluminum + tempered glass	Aluminum + tempered glass
Size	328x198x106mm	328x198x106mm	437x237x169mm	437x237x169mm
Weight	5 KG	5 KG	7.5 KG	7.5 KG
Waterproof class	IP 65	IP 65	IP 65	IP 65