

Billboard Flood Lighting

BIFA Series

LED Billboard Flood Lighting

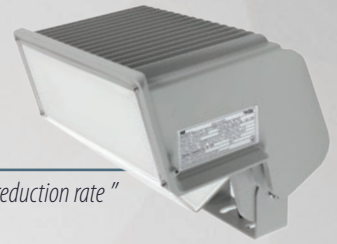


Specialized Billboard Lighting
Optimized Light Distribution without Light Trespass
Outstandingly Economical
Light Weight
Excellent Uniformity



Applications
Billboards / Wall Packs

BIFA



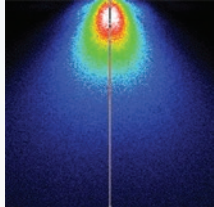
" Billboard lighting that boasts an astonishing 60% energy reduction rate "

Features

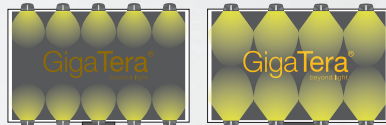
Uniformity

Even luminance characteristics that faithfully convey the meaning of the advertisement as intended

- Even luminance characteristics that are free of shadow regions that appear with existing lighting
- Conveys accurate advertising image with distinct coloration



[Outstanding illumination characteristics when compared to existing lighting]



(Existing Lighting 250W_10ea)

(BIFA 100W_8ea)

Economical

Specialized product design for billboard lighting is economical in the realization of low-cost high-efficiency



- Guaranteed energy reduction of over 60% compared to existing lighting and guaranteed long life time of the product
- Consists of a short arm reducing both installation and maintenance costs

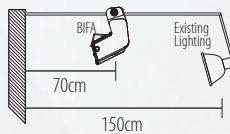
Case		Before	After	Existing Light	BIFA
When replacing existing lighting (Billboard)	Installed Product	MH 250W	BIFA 100W	100W	30W
	Number of units	10 ea	8 ea	150W	50W
	Number of arm	10 ea	8 ea	250W	100W
	Total energy consumption	2,500 W	800 W		
	Energy reduction percentage		68%		

Safety

IP 66

Rugged design to withstand wind pressure in the face of severe natural calamities

- Safe structural design that meets international standards
- Twice the durability against wind pressure when compared to existing lighting
- Lightweight structure makes for easy installation and reduced work periods
- Beautified billboard through the construction of a short arm

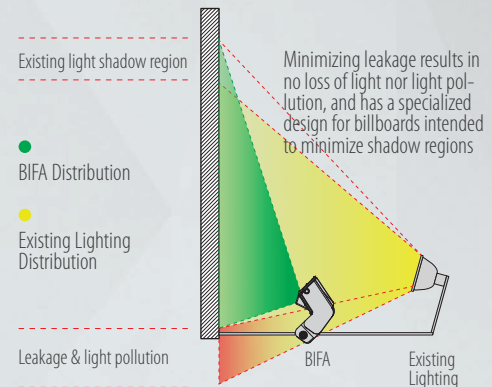


Distribution

Optimal light distribution characteristics for billboard lighting

- Minimizes leakage (lost light) and light pollution
- Designed for optimized light distribution for billboard lighting

[Example of the application of an actual installation considering light distribution characteristics]



Photometry



Specification

Model	Power	Luminous Efficacy	Luminous Flux	Color Temperature	CRI	Weight	Life Time	Input Voltage	Operation Temperature
BIF030	30W		Typ. 2,850 lm			1.5 Kg / 3.3 lb			
BIF050	50W	Typ. 95 lm/W	Typ. 4,750 lm	3000K, 4000K, 5000K	70 Ra	2.2 Kg / 4.9 lb	50,000hrs	AC100~240V AC100~277V	-30°C ~ 50°C -22°F ~ 122°F
BIF100	100W		Typ. 9,500 lm			3.5 Kg / 7.7 lb			
Body	Cast Aluminum		Mounting Option Light Distribution	Swivel Bracket		IP Rating	IP 66		
Cover	Polycarbonate 3.0T (Clear)			Asymmetric Wide					
Finish	Powder Coating								

Head Office, Republic of Korea

183-19 Youngcheon-Ro, Hwaseong-Si, Gyeonggi-Do, Korea 445-813
Tel : +82-31-370-8720 Fax : +82-31-370-0443
E-mail : ledsales@gigateraled.com

GigaTera USA

1818 E. Orangethorpe Ave, Fullerton, CA 92831 U.S.A
Tel : +1-714-515-1100 Fax : +1-714-515-1134
E-mail : sales@kmgwigatera.com