



# LED

Professional, Industrial, Outdoor, Commercial & Domestic Lighting Solutions

# **ABOUT**



We introduce ourself as leading manufacturer of Energy Efficient LED Lighting products, marketing under brand name of "LIBERTY". We have a state of the art manufacturing facility in Sahibabad Industrial Area in Ghaziabad, Utter Pardesh being managed by professionals having vast experience in the field of lighting and electronics.

With an experience of over 35 years in Lighting domain, we are manufacturing and selling LED products for the last fiffteen years.

LIBERTY LIGHTING is a ISO 9001:2015 Certified Co., CE, RoHS, UL & BIS and catering to various govt departments and various industries like Automobile, Educational Institutions, Hospitals, Religious Trust, Hotels, Restaurants and Religious Institutions.

Manufacturing as per the guidelines formed by Government of India, to provide safe and reliable products to our customers.

We are committed to provide the most advanced technologies to our customers, and investing more in the R&D of new and modern products.

# WHY LIBERTY

Our technologically advanced machinery and industry leading cutting edge processes. We are equipped with the state-of-the-art infra structural facility which help us to meet the industry requirements. Our factory also has testing facilities to check the final products so that they are free of any defects and adhere to international standards and

specifications. We have gained a respectable position in the international market by offering quality products to clients. The factors that give us an edge over other industry players are as follows:

• Backed by qualified team

Easy mode of payment

Vast distribution network

**Strenuous Quality** 

# LIBERTY REGISTERED WITH





















TECH. SPECIFICATION								
WATTAGE	30W 50W 100W 150W 200W 250W							
RATED VOLTAGE		100V-325V AC						
RATED FREQUENCY			45	-55Hz				
POWER FACTOR		>0.97						
SYSTEM POWER EFFICIENCY	89%							
THD	10%							
WORKING HUMIDITY	5% to 95% NON-CONDENSING							
LED MAKE	0	SRAM / I	BRIDGELUX	/ SEOUL (	2835 9V 1	W)		
LUMINOUS EFFICIENCY		>120	Lm/W (AS F	PER LM-80	REPORT)			
ССТ			4000K/5	700K/6500	K			
CRI			Ra	a >80				
HIGH VOLTAGE CUT OFF			3	325V				
AMBIENT TEMPERATURE	-10° to 55° C							
INGRESS PROTECTION		IP 65/IF	P 66/IP AS F	PER IS/IEC	0529-200	1		



	TE	TECH. SPECIFICATION							
WATTAGE	30W	50W 100W 150W 200W 300W							
RATED VOLTAGE		100V-325V AC							
RATED FREQUENCY			45-	55Hz					
POWER FACTOR		>0.97							
SYSTEM POWER EFFICIE	NCY	89%							
THD		10%							
WORKING HUMIDITY		5% to 95% NON-CONDENSING							
LED MAKE		OSRAM / B	RIDGELUX	/ SEOUL ( 2	835 9V 1W	()			
LUMINOUS EFFICIENCY		>120L	m/W (AS P	ER LM-80 R	REPORT)				
сст			4000K/57	00K/6500k	(				
CRI			Ra	>80					
HIGH VOLTAGE CUT OFF	=		3	25V					
AMBIENT TEMPERATUR	E	-10° to 55° C							
INGRESS PROTECTION		IP 65/IP	66/IP AS P	ER IS/IEC60	529-2001				



TE	CH. SPECI	FICATIO	N			
WATTAGE	50W	100W	150W	200W		
RATED VOLTAGE	100V-325V AC					
RATED FREQUENCY		45-5	5Hz			
POWER FACTOR	>0.97					
SYSTEM POWER EFFICIENCY	89%					
THD	10%					
WORKING HUMIDITY	5% to 95% NON-CONDENSING					
LED MAKE	OSRAM / BRIDGELUX / SEOUL ( 2835 9V 1W )					
LUMINOUS EFFICIENCY	>120Lr	n/W (AS PE	R LM-80 F	REPORT)		
сст		4000K/570	OK/6500F	(		
CRI	Ra >80					
HIGH VOLTAGE CUT OFF		32	.5V			
AMBIENT TEMPERATURE	-10° to 55° C					
INGRESS PROTECTION	IP 65/IP 6	66/IP AS PE	R IS/IEC60	0529-2001		







ECH. SPECIF	ICATIO	N				
100W	200W	300W	400W			
100V-325V AC						
	45-5	5Hz				
>0.97						
89%						
10%						
5% to 95% NON-CONDENSING						
OSRAM / BRIDGELUX / SEOUL ( 2835 9V 1W )						
>120Ln	n/W (AS PE	R LM-80 R	REPORT)			
	4000K/570	00K/6500k	(			
	Ra	>80				
	32	:5V				
	-10° to	55° C				
IP 65/IP 66/IP AS PER IS/IEC60529-2001						
	5% to OSRAM / BR >120Ln	100W 200W  100V-3  45-5  >0.  89  10  5% to 95% NON  OSRAM / BRIDGELUX /  >120Lm/W (AS PE  4000K/570  Ra :  32  -10° to	100V-325V AC  45-55Hz  >0.97  89%  10%  5% to 95% NON-CONDEN  OSRAM / BRIDGELUX / SEOUL ( 2  >120Lm/W (AS PER LM-80 R  4000K/5700K/6500K  Ra >80  325V  -10° to 55° C			



ECH. SI	PECIFIC	CATIO	N			
300W	400W	500W	600W	700W	800W	
100V-325V AC						
		45-5	5Hz			
>0.97						
89%						
10%						
5% to 95% NON-CONDENSING						
OSRAM / BRIDGELUX / SEOUL ( 2835 9V 1W )						
	>120Lm/	W (AS PE	R LM-80	REPORT)		
	40	000K/570	00K/6500	K		
Ra >80						
		32	25V			
		-10° to	o 55°C			
IP 65/IP 66/IP AS PER IS/IEC60529-2001						
	OSR	300W 400W  5% to 9  OSRAM / BRII  >120Lm/	300W 400W 500W  100V-3  45-5  >0  89  10  5% to 95% NOI  OSRAM / BRIDGELUX /  >120Lm/W (AS PE  4000K/576  Ra :  32  -10° to	100V-325V AC  45-55Hz  >0.97  89%  10%  5% to 95% NON-CONDE  OSRAM / BRIDGELUX / SEOUL (  >120Lm/W (AS PER LM-80  4000K/5700K/6500  Ra >80  325V  -10° to 55° C	300W 400W 500W 600W 700W  100V-325V AC  45-55Hz  >0.97  89%  10%  5% to 95% NON-CONDENSING  OSRAM / BRIDGELUX / SEOUL ( 2835 9V  >120Lm/W (AS PER LM-80 REPORT)  4000K/5700K/6500K  Ra >80  325V  -10° to 55° C	



TE	ECH. SPE	CIFICA	TION			
WATTAGE	50W	100W	150W	200W	250W	
RATED VOLTAGE	100V-325V AC					
RATED FREQUENCY			45-55Hz			
POWER FACTOR			>0.97			
SYSTEM POWER EFFICIENCY			89%			
THD			10%			
WORKING HUMIDITY	5% to 95% NON-CONDENSING					
LED MAKE	OSRAN	I / BRIDGE	LUX / SEO	UL ( 2835	9V 1W )	
LUMINOUS EFFICIENCY	>1	20Lm/W (	AS PER LM	-80 REPO	RT)	
сст		40001	K/5700K/6	5500K		
CRI			Ra >80			
HIGH VOLTAGE CUT OFF			325V			
AMBIENT TEMPERATURE		-10	0° to 55°	С		
INGRESS PROTECTION	IP 65/IP 66/IP AS PER IS/IEC60529-2001					



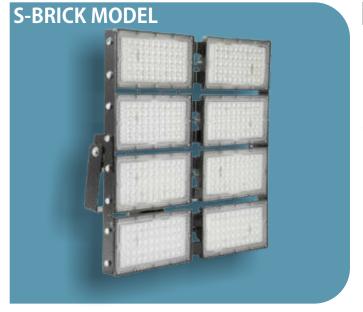




TE	CH. SPECIFICA	TION	
WATTAGE	50W	100W	120W
RATED VOLTAGE	10	00V-325V	AC
RATED FREQUENCY		45-55Hz	
POWER FACTOR		>0.97	
SYSTEM POWER EFFICIENCY		89%	
THD		10%	
WORKING HUMIDITY	5% to 95%	NON-CO	NDENSING
LED MAKE	OSRAM / BRIDGE	LUX / SEO	UL ( 2835 9V 1W )
LUMINOUS EFFICIENCY	>120Lm/W (	AS PER LM	I-80 REPORT)
ССТ	4000	K/5700K/6	5500K
CRI		Ra >80	
HIGH VOLTAGE CUT OFF		325V	
AMBIENT TEMPERATURE	-1	0° to 55°	С
INGRESS PROTECTION	IP 65/IP 66/IP	AS PER IS/	IEC60529-2001



T	ECH.	SPECI	FICAT	TION				
WATTAGE	100W	200W	300W	400W	600W	800W	1000W	
RATED VOLTAGE	100V-325V AC							
RATED FREQUENCY				45-55H	z			
POWER FACTOR	>0.97							
SYSTEM POWER EFFICIENCY	89%							
THD	10%							
WORKING HUMIDITY	5% to 95% NON-CONDENSING							
LED MAKE	OSRAM / BRIDGELUX / SEOUL ( 2835 9V 1W )						W)	
LUMINOUS EFFICIENCY		>120	Lm/W (A	S PER L	.M-80 R	EPORT)		
ССТ			4000K	(/5700K	/6500K			
CRI	Ra >80							
HIGH VOLTAGE CUT OFF				325V				
AMBIENT TEMPERATURE			-10	° to 5!	5° C			
INGRESS PROTECTION		IP 65/IP 66/IP AS PER IS/IEC60529-2001						



TE	CH. SPECIF	ICATIO	N				
WATTAGE	50W 150W 250W 350W						
RATED VOLTAGE	100V-325V AC						
RATED FREQUENCY		45-5	5Hz				
POWER FACTOR	>0.97						
SYSTEM POWER EFFICIENCY	89%						
THD	10%						
WORKING HUMIDITY	5% to 95% NON-CONDENSING						
LED MAKE	OSRAM / BF	IDGELUX /	SEOUL ( 2	2835 9V 1W )			
LUMINOUS EFFICIENCY	>120Lr	n/W (AS PE	R LM-80 F	REPORT)			
ССТ		4000K/570	00K/6500H	(			
CRI		Ra	>80				
HIGH VOLTAGE CUT OFF		32	25 <b>V</b>				
AMBIENT TEMPERATURE	-10° to 55° C						
INGRESS PROTECTION	IP 65/IP 6	66/IP AS PE	R IS/IEC60	0529-2001			







TE	CH. SF	PECIFI	CATIC	N			
WATTAGE	24W	36W	50W	70W	100W	120W	
RATED VOLTAGE	100V-325V AC						
RATED FREQUENCY			45-	55Hz			
POWER FACTOR	>0.97						
SYSTEM POWER EFFICIENCY	89%						
THD	10%						
WORKING HUMIDITY	5% to 95% NON-CONDENSING						
LED MAKE	OSRAM / BRIDGELUX / SEOUL ( 2835 9V 1W )						
LUMINOUS EFFICIENCY		>120Lm	/W (AS P	ER LM-80	REPORT	)	
ССТ		4	000K/57	00K/650	ОК		
CRI	Ra >80						
HIGH VOLTAGE CUT OFF			3	25V			
AMBIENT TEMPERATURE	-10° to 55° C						
INGRESS PROTECTION	IP 65/IP 66/IP AS PER IS/IEC60529-2001						



TECH. SPECIFICATION								
WATTAGE	18W 24W 30W 36W 45W 50W 60							
RATED VOLTAGE	100V-325V AC							
RATED FREQUENCY		45-55Hz						
POWER FACTOR	>0.97							
SYSTEM POWER EFFICIENCY	89%							
THD	10%							
WORKING HUMIDITY	5% to 95% NON-CONDENSING							
LED MAKE	OSRAM / BRIDGELUX / SEOUL ( 2835 9V 1W )						)	
LUMINOUS EFFICIENCY		>120L	.m/W (AS	PER LM	-80 REP	ORT)		
ССТ			4000K/	5700K/6	500K			
CRI			F	Ra >80				
HIGH VOLTAGE CUT OFF				325V				
AMBIENT TEMPERATURE			-10°	to 55°	С			
INGRESS PROTECTION		IP 65/IP	66/IP AS	PER IS/I	EC6052	9-2001		



TE	CH. SPECIFICATION					
WATTAGE	70W 100W 120W 150W					
RATED VOLTAGE	100V-325V AC					
RATED FREQUENCY	45-55Hz					
POWER FACTOR	>0.97					
SYSTEM POWER EFFICIENCY	89%					
THD	10%					
WORKING HUMIDITY	5% to 95% NON-CONDENSING					
LED MAKE	OSRAM / BRIDGELUX / SEOUL ( 2835 9V 1W )					
LUMINOUS EFFICIENCY	>120Lm/W (AS PER LM-80 REPORT)					
ССТ	4000K/5700K/6500K					
CRI	Ra >80					
HIGH VOLTAGE CUT OFF	325V					
AMBIENT TEMPERATURE	-10° to 55° C					
INGRESS PROTECTION	IP 65/IP 66/IP AS PER IS/IEC60529-2001					







TECH. SPECIFICATION					
WATTAGE	50W	100W	150W	200W	250W
RATED VOLTAGE	100V-325V AC				
RATED FREQUENCY	45-55Hz				
POWER FACTOR	>0.97				
SYSTEM POWER EFFICIENCY	89%				
THD			10%		
WORKING HUMIDITY	5% to 95% NON-CONDENSING				
LED MAKE	OSRAM / BRIDGELUX / SEOUL ( 2835 9V 1W )				
LUMINOUS EFFICIENCY	>110Lm/W (AS PER LM-80 REPORT)				
сст	3000K/4000K/5700K/6500K				
CRI	Ra >80				
HIGH VOLTAGE CUT OFF	325V				
AMBIENT TEMPERATURE	-10° to 55° C				
INGRESS PROTECTION	IP 65/IP 66/IP AS PER IS/IEC60529-2001				



TECH. SPECIFICATION			
WATTAGE	90W	120W	
RATED VOLTAGE	100V-325V AC		
RATED FREQUENCY	45-55	БНz	
POWER FACTOR	>0.97		
SYSTEM POWER EFFICIENCY	89%		
THD	10%		
WORKING HUMIDITY	5% to 95% NON-CONDENSING		
LED MAKE	OSRAM / BRIDGELUX / SEOUL ( 2835 9V 1W )		
LUMINOUS EFFICIENCY	>120Lm/W (AS PER LM-80 REPORT)		
ССТ	3000K/4000K/5	5700K/6500K	
CRI	Ra >	80	
HIGH VOLTAGE CUT OFF	325	5V	
AMBIENT TEMPERATURE	-10° to	55° C	
INGRESS PROTECTION	IP 65/IP 66/IP AS PER	R IS/IEC60529-2001	

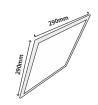


TECH. SPECIFICATION				
50W	70W	100W	120W	
100V-325V AC				
45-55Hz				
>0.97				
	89	9%		
10%				
5% to 95% NON-CONDENSING				
OSRAM / BRIDGELUX / SEOUL ( 2835 9V 1W )				
>120Lm/W (AS PER LM-80 REPORT)				
3000K/4000K/5700K/6500K				
Ra >80				
325V				
-10° to 55° C				
IP 65/IP 66/	IP AS PI	ER IS/IEC6	0529-2001	
	5% to 99 OSRAM / BRID >120Lm/V 3000K	50W 70W  100V-3  45-3  >0  89  10  5% to 95% NO  OSRAM / BRIDGELUX  >120Lm/W (AS P)  3000K/4000K  Ra  32  -10° t	50W 70W 100W  100V-325V AC  45-55Hz  >0.97  89%  10%  5% to 95% NON-CONDE  OSRAM / BRIDGELUX / SEOUL (  >120Lm/W (AS PER LM-80  3000K/4000K/5700K/6  Ra >80  325V	



TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	18W / 24W	
POWER FACTOR	>0.95PF	
RATED FREQUENCY	45-55Hz	
SYSTEM EFFICIENCY	>89%	
THD	<10%	
CRI	80%	
COLOURS AVAILABLE		
CW, NW, WW, (OTHER COLOURS CAN BE CUSTOMIZED)		

# **DIMENSION (in mm)**





TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	18W / 24W	
POWER FACTOR	>0.95PF	
RATED FREQUENCY	45-55Hz	
SYSTEM EFFICIENCY	>89%	
THD	<10%	
CRI	80%	
COLOURS AVAILABLE		
CW, NW, WW, (OTHER COLOURS CAN BE CUSTOMIZED)		

# **DIMENSION (in mm)**

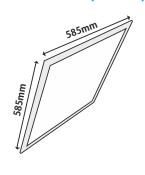




TECH. 31 ECH ICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	36 / 48 / 60W	
POWER FACTOR	>0.95PF	
RATED FREQUENCY	45-55Hz	
SYSTEM EFFICIENCY	>89%	
THD	<10%	
CRI	80%	
COLOURS AVAILABLE		
CW, NW, WW,		
(OTHER COLOURS CAN BE CUSTOMIZED)		

TECH SPECIFICATION

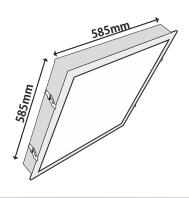
# **DIMENSION (in mm)**





TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	36 / 48 / 60W	
POWER FACTOR	>0.95PF	
RATED FREQUENCY	45-55Hz	
SYSTEM EFFICIENCY	>89%	
THD	<10%	
CRI	80%	
COLOURS AVAILABLE		
CW, NW, WW,		

(OTHER COLOURS CAN BE CUSTOMIZED)

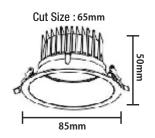






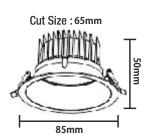
TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	6W	
POWER FACTOR	>0.98PF	
LUMEN EFFICACY	>95 Lm/W	
CRI	80% & 90%	
COLORS AVAILABLE		
2700K°/3000K°/4000K°/5700K°/6500K°		

# DIMENSION (in mm)





TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE 10W		
POWER FACTOR >0.98PF		
LUMEN EFFICACY   >95 Lm/W		
CRI 80% & 90%		
COLORS AVAILABLE		
2700K°/3000K°/4000K°/5700K°/6500K°		

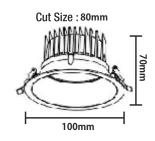


**DIMENSION** (in mm)



TECH. SPECIFICATION		
INPUT VOLTAGE 90V - 325V, 50Hz		
WATTAGE	16W	
POWER FACTOR >0.98PF		
LUMEN EFFICACY >95 Lm/W		
CRI 80% & 90%		
COLORS AVAILABLE		
2700K°/3000K°/4000K°/5700K°/6500K°		

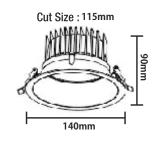
# DIMENSION (in mm)





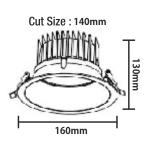
TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	24W	
POWER FACTOR >0.98PF		
LUMEN EFFICACY >95 Lm/W		
CRI 80% & 90%		
COLORS AVAILABLE		
2700K°/3000K°/4000K°/5700K°/6500K°		

## **DIMENSION** (in mm)





TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	30W / 36W	
POWER FACTOR	>0.98PF	
LUMEN EFFICACY >95 Lm/W		
CRI 80% & 90%		
COLORS AVAILABLE		
2700K°/3000K°/4000K°/5700K°/6500K°		





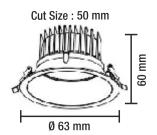




TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	7W
POWER FACTOR	>0.98PF
LUMEN EFFICACY	>95 Lm/W
CRI	80% & 90%
COLORS AVAILABLE	

2700K°/3000K°/4000K°/5700K°/6500K°

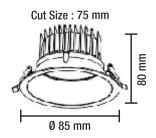
## DIMENSION (in mm)





TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	12W
POWER FACTOR	>0.98PF
LUMEN EFFICACY	>95 Lm/W
CRI	80% & 90%
COLORS AVAILABLE	
2700K°/ 3000K°/ 4000K°/ 5700K°/ 6500K°	

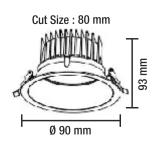
#### DIMENSION (in mm)





TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	18W
POWER FACTOR	>0.98PF
LUMEN EFFICACY	>95 Lm/W
CRI	80% & 90%
COLORS AVAILABLE	
2700K°/ 3000K°/ 4000K°/ 5700K°/ 6500K°	

#### DIMENSION (in mm)

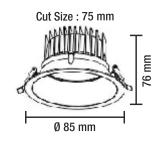


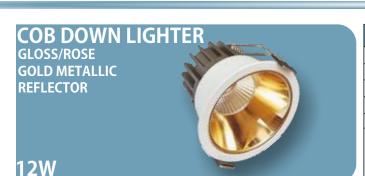


12W

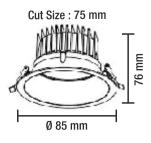
TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	12W
POWER FACTOR	>0.98PF
LUMEN EFFICACY	>95 Lm/W
CRI	80% & 90%
COLORS AVAILABLE	
2700K° / 2000K° / 4000K° / 5700K° / 6500K°	

#### DIMENSION (in mm)





TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	12W
POWER FACTOR	>0.98PF
LUMEN EFFICACY	>95 Lm/W
CRI	80% & 90%
COLORS AVAILABLE	
2700K°/3000K°/4000K°/5700K°/6500K°	







TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	7W
POWER FACTOR	>0.98PF
LUMEN EFFICACY	>95 Lm/W
CRI	80% & 90%
COLORS AVAILABLE	
2700K°/3000K°/4000K°/5700K°/6500K°	





TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	12W
POWER FACTOR	>0.98PF
LUMEN EFFICACY	>95 Lm/W
CRI	80% & 90%
COLORS AVAILABLE	
2700K°/3000K°/4000K°/5700K°/6500K°	





TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	18W
POWER FACTOR	>0.98PF
LUMEN EFFICACY	>95 Lm/W
CRI	80% & 90%
COLORS AVAILABLE 2700K°/ 3000K°/ 4000K°/ 5700K°/ 6500K°	





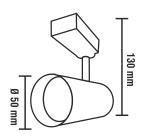




TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	10W
POWER FACTOR	>0.98PF
LUMEN EFFICACY	>95 Lm/W
CRI	80% & 90%
COLORS AVAILABLE	

2700K°/3000K°/4000K°/5700K°/6500K°

# **DIMENSION** (in mm)

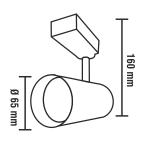




TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	20W
POWER FACTOR	>0.98PF
LUMEN EFFICACY	>95 Lm/W
CRI	80% & 90%
COLORS AVAILABLE	
l, , , ,	

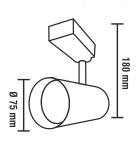
 $2700 K^{\circ} / \, 3000 K^{\circ} / \, 4000 K^{\circ} / \, 5700 K^{\circ} / \, 6500 K^{\circ}$ 

# **DIMENSION (in mm)**





TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	30W
POWER FACTOR	>0.98PF
LUMEN EFFICACY	>95 Lm/W
CRI	80% & 90%
COLORS AVAILABLE	
2700K°/3000K°/4000K°/5700K°/6500K°	





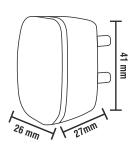




TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	0.5W
POWER FACTOR	>0.65PF
HOUSING	POLY CARBONATE
CRI	70%
COLOURS AVAILABLE	

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

#### **DIMENSION (in mm)**

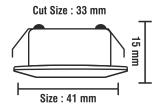




TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	2W
POWER FACTOR	>0.65PF
HOUSING	POLY CARBONATE
CRI	70%
COLOURS AVAILABLE	

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLORS CAN BE CUSTOMIZED)

#### **DIMENSION (in mm)**

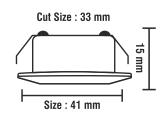




TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	2W
POWER FACTOR	>0.65PF
HOUSING	POLY CARBONATE
CRI	70%
COLOURS AVAILABLE	

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLORS CAN BE CUSTOMIZED)

### **DIMENSION (in mm)**

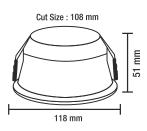




TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	12W
POWER FACTOR	>0.97 HPF
LUMEN EFFICACY	>95 Lm/W
CRI	80%
COLOURS AVAILABLE	

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

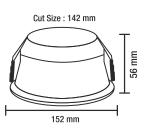
#### **DIMENSION (in mm)**





TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	18W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%
COLOURS AVAILABLE	

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)



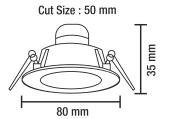


**FITON 3W** 

TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	3W	
POWER FACTOR	>0.65PF	
HOUSING	POLY CARBONATE	
CRI	70%	
COLOURS AVAILABLE		

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

#### **DIMENSION (in mm)**

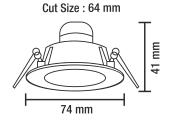




TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	5W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%
COLOURS AVAILABLE	

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

# **DIMENSION (in mm)**





TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	7W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%
COLOURS AVAILABLE	

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

## **DIMENSION (in mm)**



47 mm



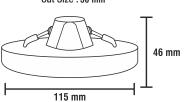
TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	12W	
POWER FACTOR	>0.97PF	
HOUSING	POLY CARBONATE	
CRI	80%	
COLOUDS AVAILABLE		

#### COLOURS AVAILABLE

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

#### **DIMENSION (in mm)**

Cut Size: 50 mm





TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	8W+8W	
POWER FACTOR	>0.90PF	
HOUSING	POLY CARBONATE	
CRI	70%	
COLOUDE AVAILABLE		

#### **COLOURS AVAILABLE**

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

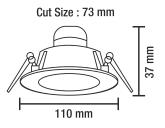






TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	7W	
POWER FACTOR	>0.97PF	
HOUSING	POLY CARBONATE	
CRI	80%	
COLOURS AVAILABLE		
CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)		

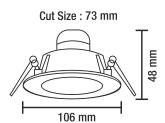
# DIMENSION (in mm)





TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	0.5W
POWER FACTOR	>0.65PF
HOUSING	POLY CARBONATE
CRI	70%
COLOURS AVAILABLE	
OW ANAL MAN DED ODEEN DIVIE DINIK AMDED	

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

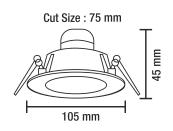


**DIMENSION (in mm)** 



TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	7W	
POWER FACTOR	>0.97PF	
HOUSING	POLY CARBONATE	
CRI	80%	
COLOURS AVAILABLE		
CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)		

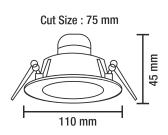
# **DIMENSION (in mm)**

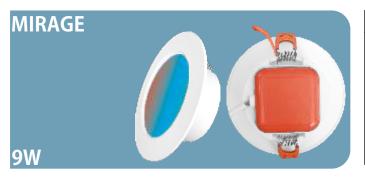




TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	9W
POWER FACTOR	>0.97PF
HOUSING	ALUMINUM BODY
CRI	80%
COLOURS AVAILABLE	
CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER	
(OTHER COLOURS CAN BE CUSTOMIZED)	

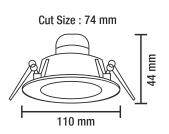
## **DIMENSION (in mm)**





TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	9W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%
COLORS AVAILABLE	

COLORS AVAILABLE
CW+WW=NW, / GREEN+PINK=C/W
BLUE+RED=PINK / BLUE+GREEN=ICE BLUE
(OTHER COLOURS CAN BE CUSTOMIZED)



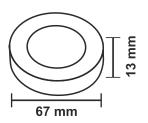


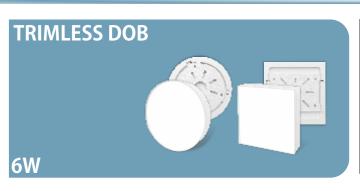




TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	5W
POWER FACTOR	>0.65PF
HOUSING	POLY CARBONATE
CRI	70%
COLOURS AVAILABLE	
CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)	

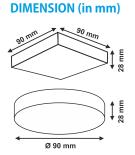
# DIMENSION (in mm)

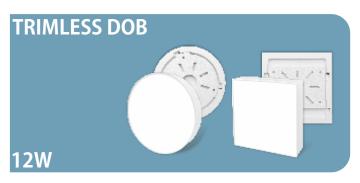




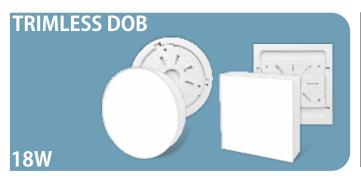
TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	6W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%
COLOURS AVAILABLE	
CW NW WW RED GREEN BILLE PINK AMBER	

(OTHER COLOURS CAN BE CUSTOMIZED)

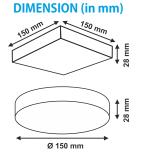




TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	12W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%
COLOURS AVAILABLE	
CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER	
(OTHER COLOURS CAN BE CUSTOMIZED)	



TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	18W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%
COLOURS AVAILABLE	
CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER	
(OTHER COLOURS CAN BE CUSTOMIZED)	







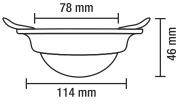




TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	10W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%
COLOURS AVAILABLE	
CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER	

(OTHER COLOURS CAN BE CUSTOMIZED)

**DIMENSION (in mm)** 



# **SHINE SURFACE**

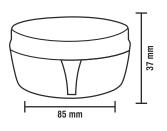


TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	8W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%
COLOUDE AVAILABLE	

#### **COLOURS AVAILABLE**

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

# **DIMENSION** (in mm)



# **SHINE SURFACE**

**8W** 

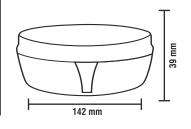


TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	15W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%

#### **COLOURS AVAILABLE**

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

#### **DIMENSION (in mm)**



# **BULK HEAD-IP65**

**FOR OUTDOOR** USE

15W

10W

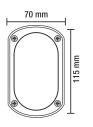


TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	10W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	70%

#### **COLOURS AVAILABLE**

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

## **DIMENSION** (in mm)





# **BULK HEAD-IP65**

**FOR OUTDOOR** USE

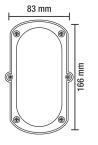
**20W** 

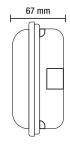


TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	20W	
POWER FACTOR	>0.97PF	
HOUSING	POLY CARBONATE	
CRI	70%	

#### **COLOURS AVAILABLE**

CW. NW. WW. RED. GREEN. BLUE. PINK. AMBER (OTHER COLOURS CAN BE CUSTOMIZED)





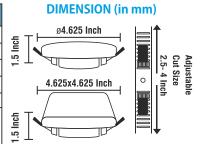




TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	12W	
POWER FACTOR	>0.97PF	
HOUSING	POLY CARBONATE	
CRI	80%	
00101100 01/411 4015		

#### **COLOURS AVAILABLE**

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

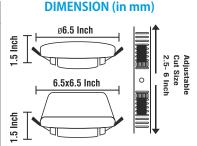




TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	24W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%
COLOURS AVAILABLE	

#### COLOURS AVAILABLE

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)





TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	12+12W	
POWER FACTOR	>0.95PF	
HOUSING	POLY CARBONATE	
CRI	70%	
COLORS AVAILABLE		

COLORS AVAILABLE
CW/WW/NW, GREEN/PINK/CW,
BLUE/RED/PINK, BLUE/GREEN/ICE BLUE
(OTHER COLORS CAN BE CUSTOMIZED)

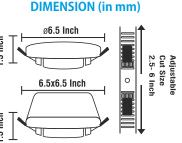
# ## Adjustable Cut Size 2.5- 4 Inch | 2.5- 4

**DIMENSION (in mm)** 



TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	ے
WATTAGE	24+24W	50
POWER FACTOR	>0.95PF	-
HOUSING	POLY CARBONATE	
CRI	70%	
		ı

COLORS AVAILABLE
CW/WW/NW, GREEN/PINK/CW,
BLUE/RED/PINK, BLUE/GREEN/ICE BLUE
(OTHER COLORS CAN BE CUSTOMIZED)







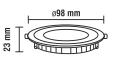




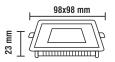
TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	6W	
POWER FACTOR	>0.97PF	
HOUSING	POLY CARBONATE	
CRI	70%	
COLOURS AVAILABLE		

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

#### **DIMENSION** (in mm)









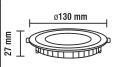


TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	12W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%

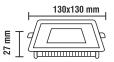
#### **COLOURS AVAILABLE**

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

#### **DIMENSION (in mm)**









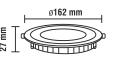


TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	18W	
POWER FACTOR	>0.97PF	
HOUSING	POLY CARBONATE	
CRI	80%	

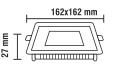
#### COLOURS AVAILABLE

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

#### **DIMENSION** (in mm)









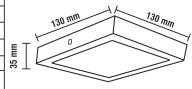
# APOLLO SURFACE 12W

TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	12W	
POWER FACTOR	>0.97PF	
HOUSING	POLY CARBONATE	
CRI	80%	

#### **COLOURS AVAILABLE**

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

## DIMENSION (in mm)

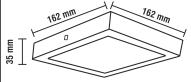




TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	18W	
POWER FACTOR	>0.97PF	
HOUSING	POLY CARBONATE	
CRI	80%	
COLOUDE AVAILABLE		

#### COLOURS AVAILABLE

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)



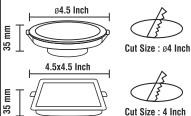




TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	8W	
POWER FACTOR	>0.97PF	
HOUSING	POLY CARBONATE	
CRI	80%	
COLOURS AVAILABLE		

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

#### **DIMENSION (in mm)**



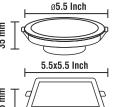


TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	12W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%
COLOUDE AVAILABLE	

#### **COLOURS AVAILABLE**

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

# **DIMENSION (in mm)**









TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	15W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%

#### **COLOURS AVAILABLE**

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

## **DIMENSION (in mm)**





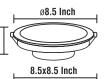




TECH. SPECIFICATION		
INPUT VOLTAGE	90V - 325V, 50Hz	
WATTAGE	22W	
POWER FACTOR	>0.97PF	
HOUSING	POLY CARBONATE	
CRI	80%	
COLOURS AVAILARIE		

#### COLOURS AVAILABLE

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)











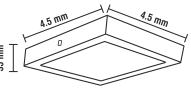


TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	8W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%
COLOURS AVAILABLE	

#### COLOURS AVAILABLE

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)





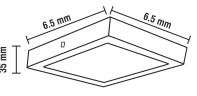


TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	15W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%
001 01100 41/411 401 5	

#### **COLOURS AVAILABLE**

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)





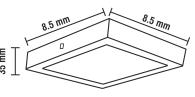


TECH. SPECIFICATION	
90V - 325V, 50Hz	
22W	
>0.97PF	
POLY CARBONATE	
80%	

#### **COLOURS AVAILABLE**

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

#### **DIMENSION (in mm)**



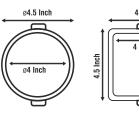


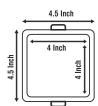
WATTAGE 8W POWER FACTOR >0.97PF HOUSING POLY CARBONATE	TECH. SPECIFICATION	
POWER FACTOR >0.97PF HOUSING POLY CARBONATE	INPUT VOLTAGE	90V - 325V, 50Hz
HOUSING POLY CARBONATE	WATTAGE	8W
	POWER FACTOR	>0.97PF
CRI 80%	HOUSING	POLY CARBONATE
	CRI	80%

#### **COLORS AVAILABLE**

 ${\sf CW+WW=NW}, / \; {\sf GREEN+PINK=C/W}$ BLUE+RED=PINK / BLUE+GREEN=ICE BLUE (OTHER COLOURS CAN BE CUSTOMIZED)

## **DIMENSION (in mm)**



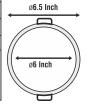


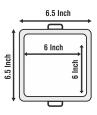


TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	12W
POWER FACTOR	>0.97PF
HOUSING	POLY CARBONATE
CRI	80%
COLODO AVAILABLE	

# COLORS AVAILABLE

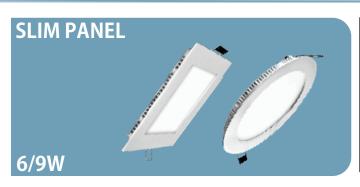
CW+WW=NW, / GREEN+PINK=C/W BLUE+RED=PINK / BLUE+GREEN=ICE BLUE (OTHER COLOURS CAN BE CUSTOMIZED)









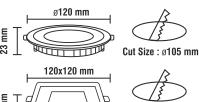


TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	6W / 9W
POWER FACTOR	>0.65PF
HOUSING	ALUMINUM
CRI	70%
COLOUDS AVAILABLE	

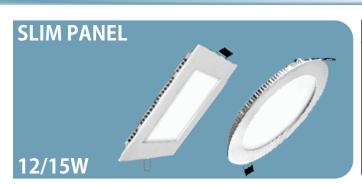
#### **COLOURS AVAILABLE**

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

#### **DIMENSION (in mm)**





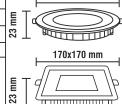


TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	12W / 15W
POWER FACTOR	>0.65PF
HOUSING	ALUMINUM
CRI	70%

#### **COLOURS AVAILABLE**

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

# DIMENSION (in mm)





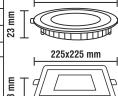
Cut Size : 155 mm



TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	18W / 22W
POWER FACTOR	>0.65PF
HOUSING	ALUMINUM
CRI	70%

#### COLOURS AVAILABLE

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)









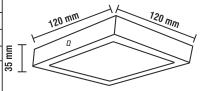


TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	6W / 9W
POWER FACTOR	>0.65PF
HOUSING	ALUMINUM
CRI	70%
OOLOUDC AVAILABLE	

#### **COLOURS AVAILABLE**

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

## **DIMENSION (in mm)**



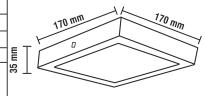


TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	12W / 15W
POWER FACTOR	>0.65PF
HOUSING	ALUMINUM
CRI	70%

#### **COLOURS AVAILABLE**

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)

#### **DIMENSION (in mm)**

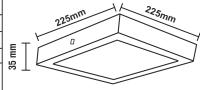




TECH. SPECIFICATION	
INPUT VOLTAGE	90V - 325V, 50Hz
WATTAGE	18W / 22W
POWER FACTOR	>0.65PF
HOUSING	ALUMINUM
CRI	70%

#### COLOURS AVAILABLE

CW, NW, WW, RED, GREEN, BLUE, PINK, AMBER (OTHER COLOURS CAN BE CUSTOMIZED)







# Benefits of Switching to LED Lighting

# **Long Life-**

Long life time stands out as the number one benefit of LED lights. LED lights and diodes heaven outstanding operational life time expectation of some times up to 100.000 hours.

## **Energy Efficiency-**

LED lights use only 15% of the electricity whereas traditional incandescent light bulbs who operate at 20% energy efficiency only, a 80% of the electricity is lost as heat.

## **Ecologically Friendly-**

LED lights contain no toxic materials and are 100% recyclable, and will help you to reduce your carbon footprint by up to a third. A big step towards a greener future!

# **Durable Quality-**

LEDs are extremely durable and built with sturdy components that are highly rugged and can withstand even the roughest conditions.

# **Design Flexibility-**

LEDs can be combined in any shape to produce highly efficient illumination. Individual LEDs can be dimmed, resulting in a dynamic control of light, color and distrib -ution. Well-designed LED illumination systems can achieve fantastic lighting effects.

## **Zero UV Emissions-**

LED illumination produces little infrared light and close to no UV emissions.

# <u>Operational in Extremely Cold or Hot - Temperatures</u>

LED are ideal for operation under cold and low outdoor temperature settings. For fluorescent lamps, low temperatures may affect operation but LED illumination operates well also in cold.

# **Light Dispersement**

LED is designed to focus its light and can be directed to a specific location. Well-designed LED illumination systems are able to deliver light more efficiently to the desired location.

## **Instant Lighting & Frequent Switching**

LED lights brighten up immediately and when powered on, which has great advantages for infrastructure projects and frequent on/off switching does drastically reduce operational life expectancy.

# Low & High Voltage

A low-high voltage power supply is sufficient for LED illumination. This makes it easy to use LED lighting also in outdoor areas, and is a big advantage when it comes to using LED technology in Industrial, Commercial and remote or rural areas.



# LIBERTY LIGHTING INDIA

P-17, DURGA INDL. PARK, RAJENDRA NAGAR, SAHIBABAD, GHAZIABAD (U.P-201005) Google Map: M9F3+QM Ghaziabad, Uttar Pradesh

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