High Wattage LED Light Engine

Ideal for easy design of lighting application 5W … 60W

Maxi chips packaged for excellent heat dissipation

DOMAG LED TECH CO.,LTD

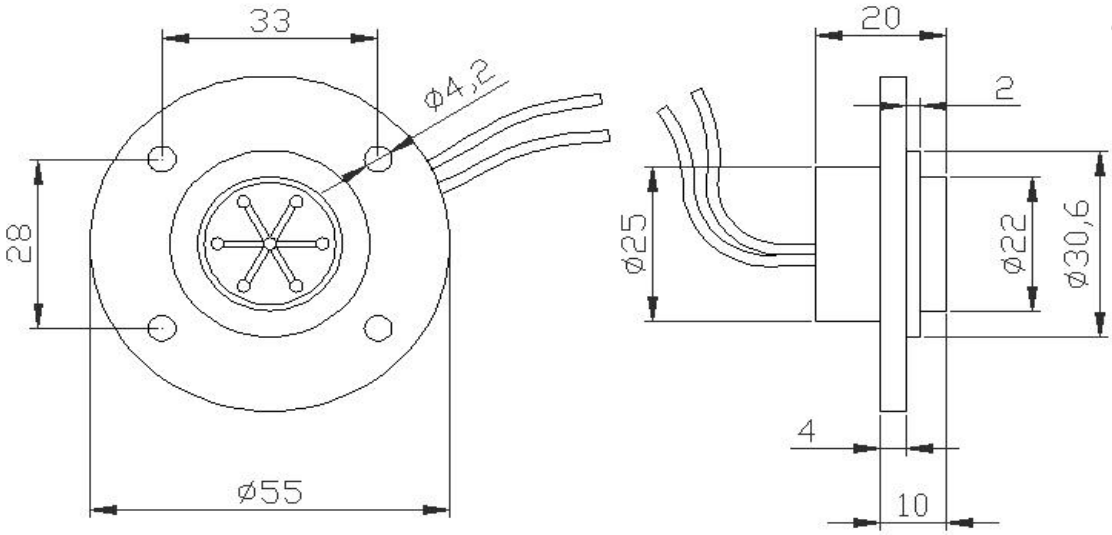
30 Watt

DM-C-G18-30 *series*

DM-C-G18-30

beam angle: ***180 deg.***
forward current: ***2,4A max.***

Thermal management:
lamp base efficiently drains heat from LED chips. Secondary heat-sink has to be designed to assure correct thermal management within system operative limit conditions.
Check performance and stability of total system testing temperature of lamp base when coupled with secondary heat-sink and housing of your fixture.
Be sure that the temperature of lamp base never exceeds 80°C max. value.



dimensions in mm.

Some dimensions are subject to be changed without prior notice. Reconfirm data in case of critical application.

Part Nbr.	Color		Flux(lm)	λD (nm) CCT (°K)		VDC min.	VDC Typ.	VDC max.	Driver (optional)
DM-C-G18-30R	Red		900	620	nm	8,8	9,1	11,0	
DM-C-G18-30G	Green		900	530	nm	11,0	11,2	11,4	
DM-C-G18-30B	Blue		240	470	nm	10,2	10,4	10,8	**PH302400**
DM-C-G18-30A	Amber		900	590	nm	8,8	9,1	11,0	I_{DC} 2.4A
DM-C-G18-30W35	Warm White		840	3.500	°K	10,2	10,4	10,8	
DM-C-G18-30W60	White		900	6.000	°K	10,2	10,4	10,8	
DM-C-G18-30MF	R.G.B. full color	R	300	620	nm	11,7	11,9	12,0	**PH3012**
		G	300	530	nm	11,0	11,2	11,4	V_{DC} 12
		B	80	470	nm	10,2	10,4	10,7	

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High Wattage LED Light Engine

Ideal for easy design of lighting application 5W … 60W

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DOMAG LED TECH CO.,LTD

30 Watt

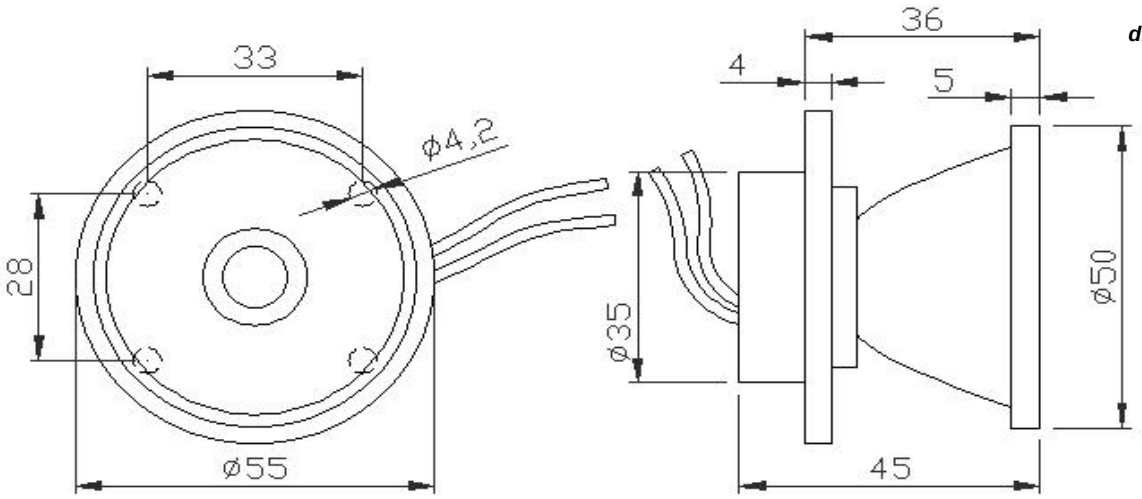
DM-C-R08-30 *series*

DM-C-R08-30

beam angle: ***80 deg.***
forward current: ***2,4A max.***

Thermal management:
lamp base efficiently drains heat from LED chips. Secondary heat-sink has to be designed to assure correct thermal management within system operative limit conditions.
Check performance and stability of total system testing temperature of lamp base when coupled with secondary heat-sink and housing of your fixture.
Be sure that the temperature of lamp base never exceeds 80°C max. value.

dimensions in mm.



Some dimensions are subject to be changed without prior notice. Reconfirm data in case of critical application.

Part Nbr.	Color		Flux(lm)	λD (nm) CCT (°K)		VDC min.	VDC Typ.	VDC max.	Driver (optional)
DM-C-R08-30R	Red		900	620	nm	8,8	9,1	11,0	**PH302400** I_{DC} 2.4A
DM-C-R08-30G	Green		900	530	nm	11,0	11,2	11,4	
DM-C-R08-30B	Blue		240	470	nm	10,2	10,4	10,8	
DM-C-R08-30A	Amber		900	590	nm	8,8	9,1	11,0	
DM-C-R08-30W35	Warm White		840	3.500	°K	10,2	10,4	10,8	
DM-C-R08-30W60	White		900	6.000	°K	10,2	10,4	10,8	
DM-C-R08-30MF	R.G.B. full color	R	300	620	nm	11,7	11,9	12,0	**PH3012** V_{DC} 12
		G	300	530	nm	11,0	11,2	11,4	
		B	80	470	nm	10,2	10,4	10,7	

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High Wattage LED Light Engine

Ideal for easy design of lighting application 5W … 60W

Maxi chips packaged for excellent heat dissipation

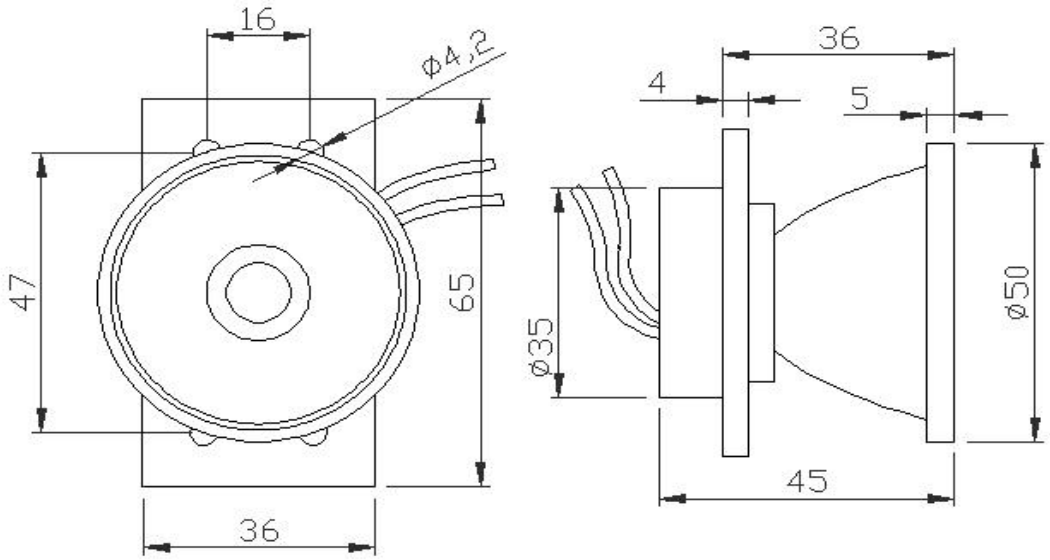
30 Watt

DM-R-R08-30 *series*

DM-R-R08-30

beam angle: ***80 deg.***
forward current: ***2,4A max.***

Thermal management:
lamp base efficiently drains heat from LED chips. Secondary heat-sink has to be designed to assure correct thermal management within system operative limit conditions.
Check performance and stability of total system testing temperature of lamp base when coupled with secondary heat-sink and housing of your fixture.
Be sure that the temperature of lamp base never exceeds 80°C max. value.



dimensions in mm.

Some dimensions are subject to be changed without prior notice. Reconfirm data in case of critical application.

Part Nbr.	Color		Flux(lm)	λD (nm) CCT (°K)		VDC min.	VDC Typ.	VDC max.	Driver (optional)
DM-R-R08-30R	Red		900	620	nm	8,8	9,1	11,0	
DM-R-R08-30G	Green		900	530	nm	11,0	11,2	11,4	
DM-R-R08-30B	Blue		240	470	nm	10,2	10,4	10,8	**PH302400**
DM-R-R08-30A	Amber		900	590	nm	8,8	9,1	11,0	I_{DC} 2.4A
DM-R-R08-30W35	Warm White		840	3.500	°K	10,2	10,4	10,8	
DM-R-R08-30W60	White		900	6.000	°K	10,2	10,4	10,8	
DM-R-R08-30MF	R.G.B. full color	R	300	620	nm	11,7	11,9	12,0	**PH3012**
		G	300	530	nm	11,0	11,2	11,4	V_{DC} 12
		B	80	470	nm	10,2	10,4	10,7	

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AC to DC switching power supply

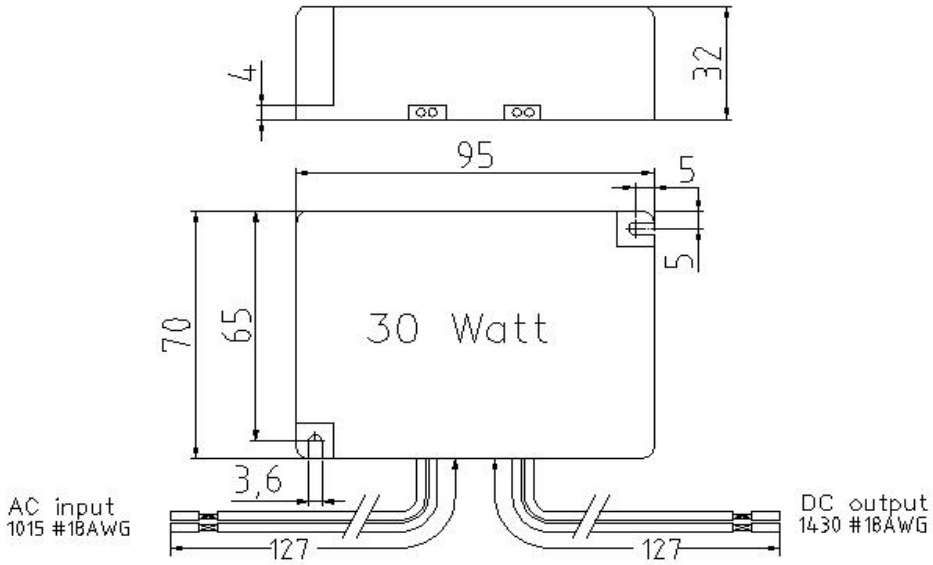
Ideal for MLED light engine

Specially designed, universal power driver from AC city power

lighting electronics

DOMAG LED TECH CO.,LTD

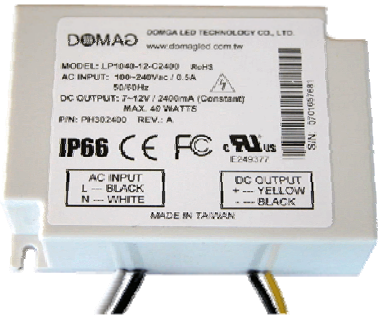
30 Watt LED optimized drivers



dimensions in mm.

PH302400 *(LP1040-12-C2400)*

Constant Current DC Output: ***2,4A***



Safety : ***UL1310 - UL48 Class2 - cUL - FCC B - CE - RoHS***
Protection classification: ***IP66***
AC Input range: ***100~240VAC / 0,5A / 50~60Hz***
DC Output: ***7~12VDC***
Watts: ***30W***
Operation Temp. : ***-30°C~+60°C Tc: 90°C***
Power factor: ***>0,92 at full load, 115VAC-230VAC***
Efficiency : ***85% Typical***

PH302400 ***is suitable driver for single colour: DM-C-G18-30xxx, DM-C-R08-30xxx, DM-R-R08-30xxx***

PH3012 *(LP1040-12)*

Constant Voltage Output: ***12VDC***

Safety : ***UL1310 - UL48 Class2 - cUL - FCC B - CE - RoHS***
Protection classification: ***IP66***
AC Input range: ***100~240VAC / 0,5A / 50~60Hz***
Watts: ***30W***
Operation Temp. : ***-30°C~+60°C Tc: 90°C***
Power factor: ***>0,92 at full load, 115VAC-230VAC***
Efficiency : ***85% Typical***

PH3012 ***is suitable driver for RGB: DM-C-G18-30MF***

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