

Version: 3.00

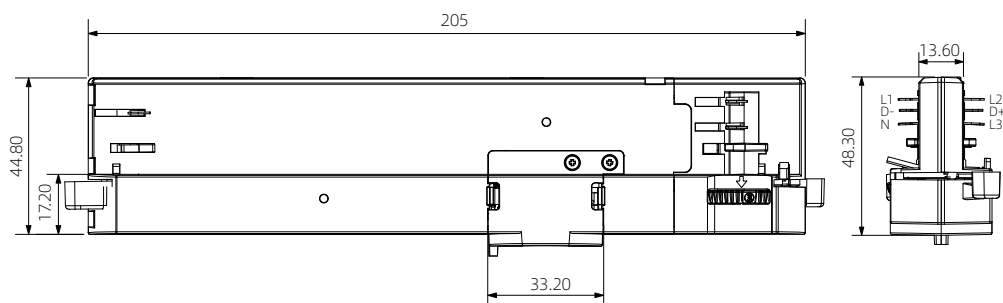
Datasheet I 6 wires 3 circuits DALI ultimate adaptor - 40W



Picture for reference only

Product code	PRO-UAD640
Color	Black / Grey / White
Color code	RAL 9011/7040/9010
Main materials	PC UL94V0+Copper
Inner package QTY	N/A
Unit weight	0.16 Kg
Outer package QTY	20 PCS
Gross weight	3.7 Kg
Package size	245*255*225 mm
Voltage & Max.load	220~240Vac,50/60Hz,50N

Dimensions (mm)



Notes:
Apply to POWERGEAR 3
circuits DALI track system

Screws enclosed,
nipple optional

Max units per circuit breaker:
B16:76
B10:47

Features:
The product supports DALI
Dimming.
Amplitude dimming: 1%...100%.
Fast programming/current setup
through NFC.



NFC Current Adjustment

The default setting is 10W, 250mA. Any other current requested, please contact the sales to set them before shipment.

APP is coming...



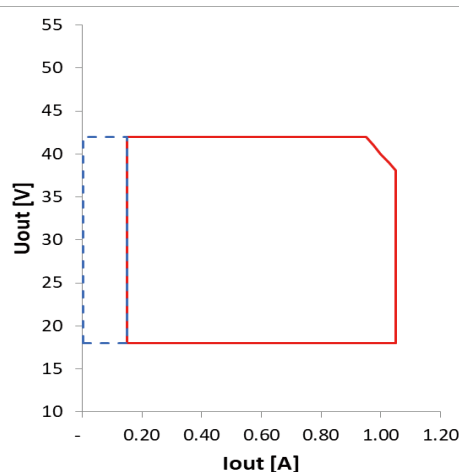
Specification

Voltage (U _{in})	Nominal Voltage:220~240Vac; AC Voltage:198-264Vac;Maximum voltage:320Vac,2h
Current (I _{in})	210mA Max. @Full Load, 230Vac
THD	< 10%, @Full Load, 230Vac 50/60Hz
Power factor	> 0.95, @Full Load, 230Vac 50/60Hz
Efficiency	86% @Full Load , 230Vac
Inrush current	< 36A(50% I _{peak} , twidth=1.5us@AC230V)
Voltage (U _{out})	18-42Vdc, Max Voltage 60Vdc Max.
Current (I _{out})	150-1050mA ±5%, Adjusted by NFC: The default setting is 10W, 250mA. Any other current requested, please contact the sales to set them before shipment.
Power (P _{out})	40W@Ta ≤ 35°C
Standards	IEC 61347-1; IEC 61347-2-13; IEC 62384; IEC 62386; IEC 61000-3-2; IEC 61000-3-3...
Ta / Tc:	0°C~35°C / 80°C
Surge:	L/N LN/PE acc to. EN 61547 Clause 5.7
Protection	Short-circuit, Open-circuit, Overvoltage
Expected Lifetime	50.000 hours @ Tc 70°C

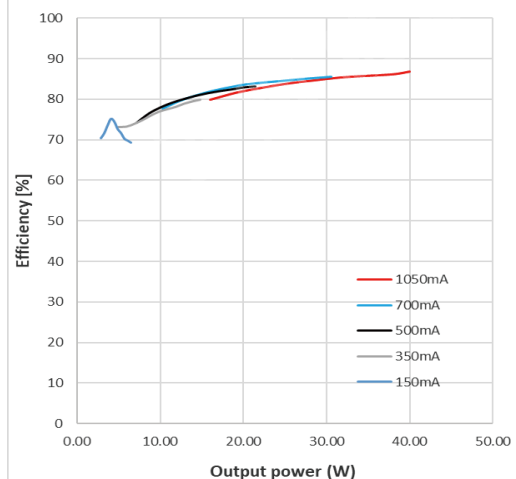
Current Ripple < 3%
(< 1000Hz, ripple/average)

Driver Typical Specification

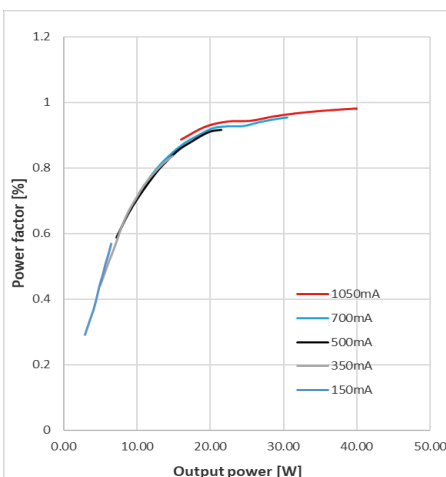
Typical Operating window



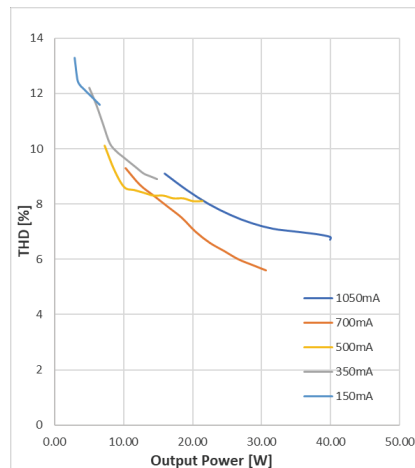
Typical Efficiency vs Load (230V/50Hz)



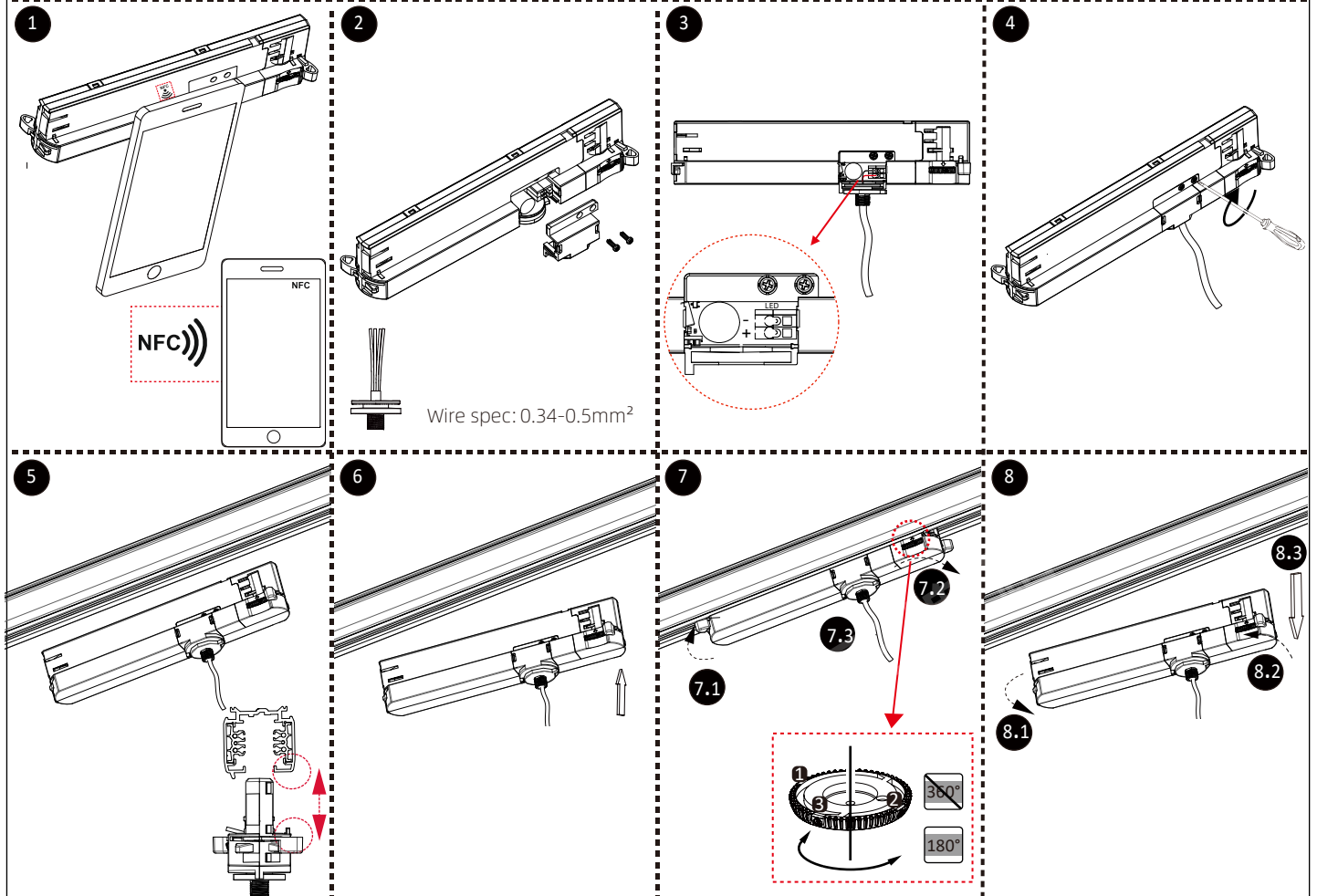
Typical Powerfactor vs Load



Typical THD vs Load



Installation please read carefully before installing



Troubleshooting

1. The luminaire power abnormal: Please check and ensure the NFC settings parameters are correct;
2. NFC cannot be read and written: Please ensure the NFC is on in your device, and check if it is put in the NFC sensing area as shown in Figure 1.
3. The in-track adaptor doesn't work: Please check the "+" and "-" polarity of the luminaire, do not reverse the connection, and ensure the wiring is firm;
4. The handle rotates difficultly: There is directional requirement when installing the product, please refer to Figure 5 and 6;
5. Unable to dismount from the track: Please refer to Figure 8. It cannot be dismounted if the operation sequence is wrong.

Disclaimer

1. It is forbidden to apply paint, glue, etc. to this product;
2. It is recommended to use POWERGEAR track system or the promised brand track;
3. This product is suitable for indoors, not outdoors;
4. This product has passed the safety and electromagnetic compatibility certification, because the margin of electromagnetic compatibility is related to the length of the lamp wire and the wiring method, please reconfirm before use;
5. If the structure or wiring of this product is not used/modified according to the instructions, resulting in damage to this product or related products, POWERGEAR doesn't continue to maintain the after-sales commitment;
6. Product optimization and version upgrade will not be prior noticed. Please refer to the actual product received. If you have any questions, please contact our sales staff in time;
7. POWERGEAR reserves the right of final interpretation of this product.