

Approval Marks

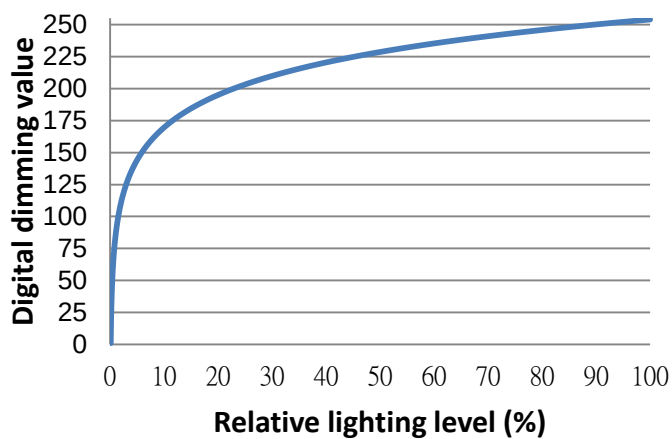


	Item	Value	Remark
Input	DC voltage input	48V	
	Nominal frequency	0Hz	
	DC voltage range	47-50V	
	Nominal current	740mA	Full load @100% dimming level, @ Vin 48V
	Efficiency	90% (Typ)	Full load @100% dimming level, @ Vin 48V
	Stand-by power	< 0.5W	@ Vin 48V
Output	Nominal voltage range	3-40Vdc	@ Vin 48V
	LEDS quantity can be connected in series @ 48Vdc	1-12Pcs	
	Maximum voltage	48Vdc	No load protection
Output	Nominal current range	100-700mA	
	Current accuracy	± 5%	
	Starting Time	< 0.5s	
	SVM	≤ 0.4	
	PstLM	≤ 1.0	
	Nominal power range		
	Iout=100mA	0.3-4.0W	Vout=3-40V @ Vin=48V
	Iout=150mA	0.5-6.0W	Vout=3-40V @ Vin=48V
	Iout=200mA	0.6-8.0W	Vout=3-40V @ Vin=48V
	Iout=250mA	0.8-10.0W	Vout=3-40V @ Vin=48V
	Iout=300mA	0.9-12.0W	Vout=3-40V @ Vin=48V
	Iout=350mA	1.1-14.0W	Vout=3-40V @ Vin=48V
	Iout=400mA	1.2-16.0W	Vout=3-40V @ Vin=48V
	Iout=450mA	1.4-18.0W	Vout=3-40V @ Vin=48V
	Iout=500mA	1.5-20.0W	Vout=3-40V @ Vin=48V
	Iout=550mA	1.7-22.0W	Vout=3-40V @ Vin=48V
	Iout=600mA	1.8-24.0W	Vout=3-40V @ Vin=48V
	Iout=650mA	2.0-26.0W	Vout=3-40V @ Vin=48V
	Iout=700mA	2.1-28.0W	Vout=3-40V @ Vin=48V
	Maximum power	28W	
	Color tuning range	1500-10000K	Factory default 2000-10000K

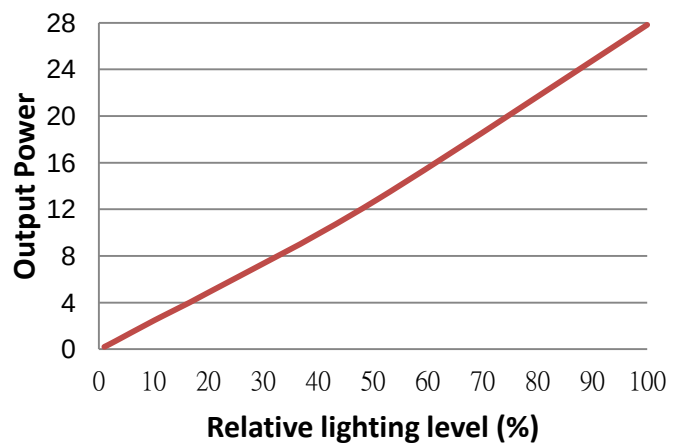
	Item	Value	Remark
Dimming	Dimming control	DALI	
	Dimming technique	Amplitude	
	Dimming range	1-100%	
	Lowest dimming current	1-7mA	
	Galvanic isolation	N/A	
Environment	Ambient temperature range (ta)	-20°C - +35°C	
	Maximum case temperature t _c	50°C	With Stucchi adaptor box @ Vin=48V full load
	Storage temperature range	-40°C - +85°C	
	Relative humidity	10 - 95%	
	Environmental rating	Indoor	
	Mains switching cycles	> 100,000	
	Expected lifetime	> 50,000 h, ta +35 °C	0.2 % / 1,000 h failure rate
Packing	Gross weight/box	5.9 kg	
	Net weight/box	3.5 kg	
	Pcs/box	272 PCS	
	Dimension/box	385(L)*310(W)*260(H)	
Protections			
	Short-circuit Protection	Auto recovery	
	Open-circuit Protection	Auto recovery	
	Overload Protection	Auto recovery	
Conformity & Standards			
	Safety standard:	EN 61347-1, EN 61347-2-13, EN 62493	
	Performance:	EN 62384	
	EMC standard:	EN 55015, EN 61547	
	DALI protocol standard:	EN62386-101 , EN62386-102 , EN 62386-207(DT6), EN 62386-209(DT8)	
Cable information			
INPUT			
	Cable cross-section	0.14-0.34□/AWG 26-22	
	Stripping	4mm	
OUTPUT			
	Cable cross-section	0.14-0.34□/AWG 26-22	
	Stripping	4mm	
DALI			
	Cable cross-section	0.14-0.34□/AWG 26-22	
	Stripping	4mm	

Subject to change without notice, HEP guarantees all products perform functionally well

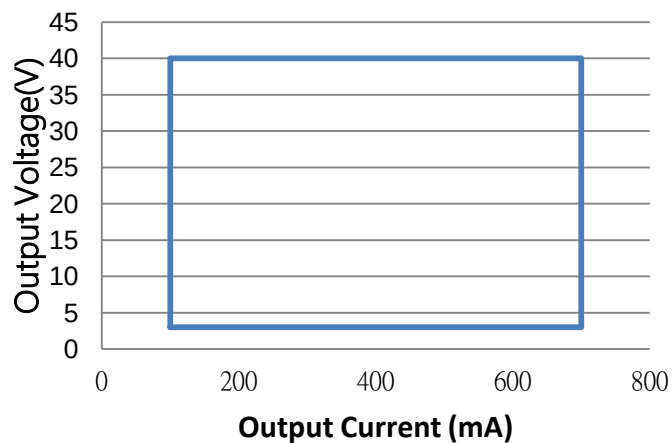
Dimming characteristics



Dimming characteristics

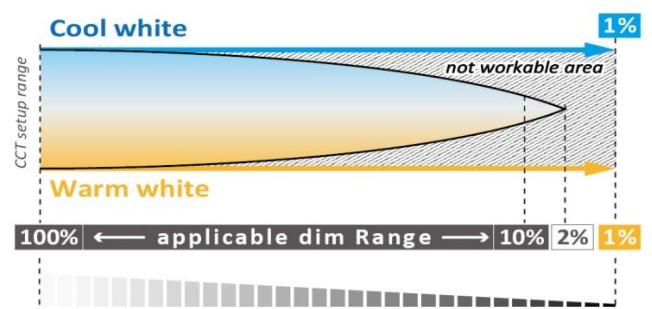


Output Power Range

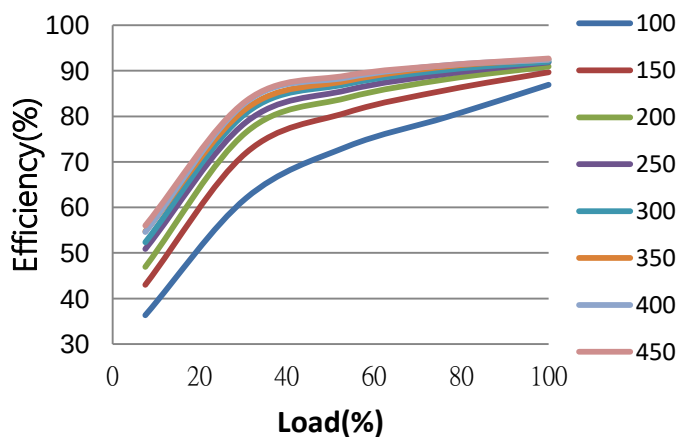


DALI-2 DT8 Control

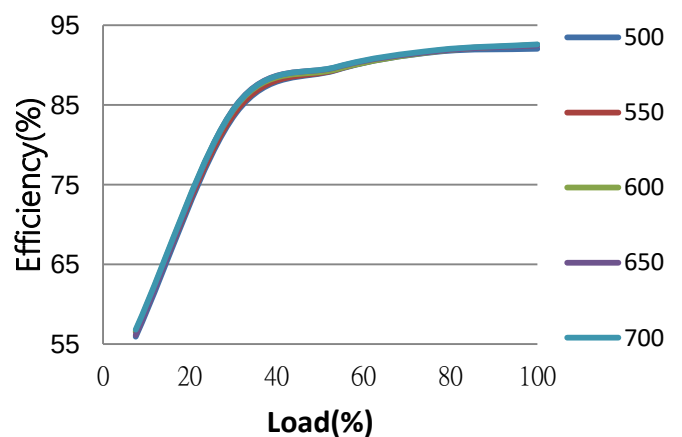
Dimming up/down and CCT tuning are performed independently via DALI-2 DT8 dimmer.



Efficiency vs. Load



Efficiency vs. Load

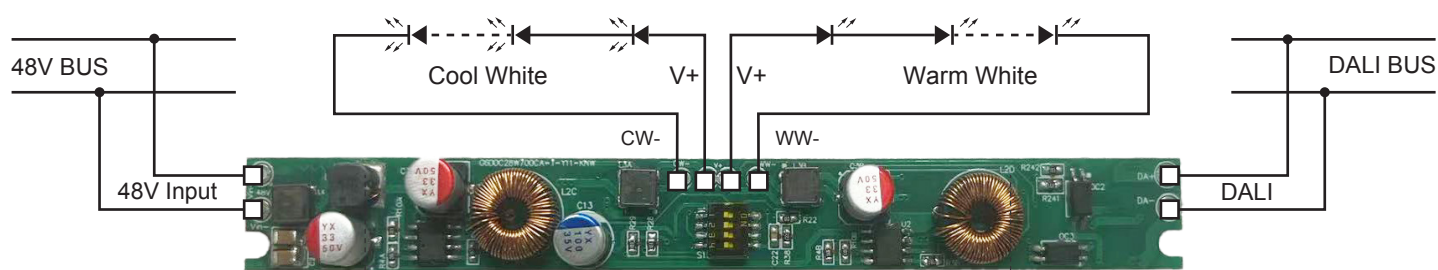
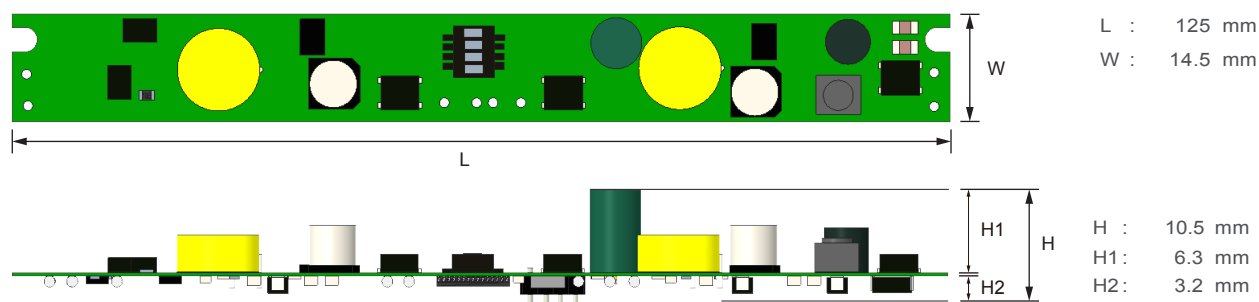


Dip Switch - One driver offers 13 choosable output current

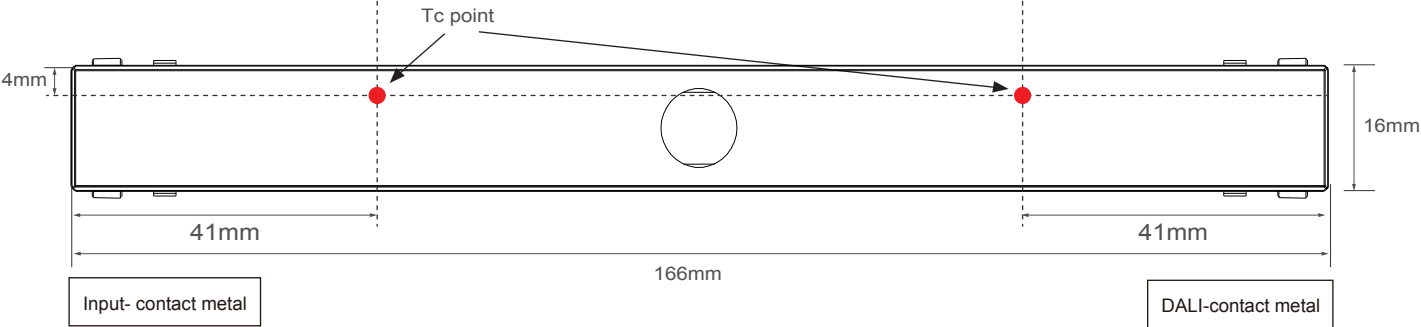


Current	Dip-Switch Setting			
	1	2	3	4
700mA	ON	ON	ON	ON
	-	ON	ON	ON
	ON	-	ON	ON
	-	-	ON	ON
650mA	ON	ON	-	ON
600mA	-	ON	-	ON
550mA	ON	-	-	ON
500mA	-	-	-	ON
450mA	ON	ON	ON	-
400mA	-	ON	ON	-
350mA	ON	-	ON	-
300mA	-	-	ON	-
250mA	ON	ON	-	-
200mA	-	ON	-	-
150mA	ON	-	-	-
100mA	-	-	-	-

Physical
Parameter



Case Tc Location



Stucchi : 9519-166-M/B-E, 9519-166-M/W-E
POWERGEAR : PRO-N140A