ARON LIGHT

TECHNICAL INFORMATIONS

DRIVER DIMÁVEL PAINEL LED 9.1-46W DIM 0-10V MULTICORRENTE 650-1100MA



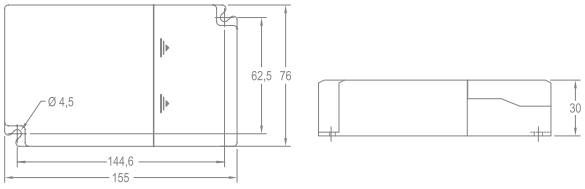
Controle de corrente de saída múltipla com 4 modos de dimming 0-10V, DALI / DALI-2, 10V PWM e Touch Dim.
Multi-output current control gear with 4 dimming interfaces 0-10V, DALI / DALI-2, 10V PWM and Touch Dim.
Equipo dimable multicorriente con 4 modos de regulación 0-10V, DALI / DALI-2, 10V PWM y Touch Dim.

ILAR-00926

REFERENCE

Reference	ILAR-00926
Output power range	9.1... 46W
Output current	650... 1100mA
Output voltage range	14... 42Vdc
Power factor	0.95
Max. system efficiency	87 η (%)
Max. temperature at tc point	90°C
Operating temperature	-20 to +45°C
Nominal lifetime at max. ta allowed	up to 100.000h
Dimming range	1... 100%
IP	IP20
Protection Class	Class II
Adjustable output current	Via DIP switch
Low total harmonic distortion (THD)	<7%
Dimming interfaces	DALI / DALI-2
	0... 10V
	10V PWM
	Touch Dim
High power factor	YES
Overcurrent protection	YES
Short circuit protection	YES
Overload protection	YES
Over-temperature protection	YES
No-Load Operation Protection	YES
DALI and TOUCH with memory function	YES

SIZE



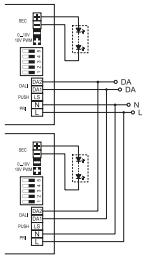
ADJUSTABLE OUTPUT-CURRENT TABLE

DIP					Iout	Output voltage	Pout	Typ. PF	Typ EFF.	Typ THD.
1	2	3	4	5	(mA)	(V)	(W)			
ON	ON	ON	ON	---	1100	14... 42	15,4... 46,2	0,95	87,5	<7%
---	ON	ON	ON	---	1050		14,7... 44,1	0,95	87,5	<7%
ON	---	ON	ON	---	1000		14... 42	0,95	87,5	<7%
---	---	ON	ON	---	950		13,3... 39,9	0,95	87,5	<7%
---	ON	ON	---	---	900		12,6... 37,8	0,95	87,5	<7%
ON	---	ON	---	---	850		11,9... 35,7	0,95	87,0	<7%
---	---	ON	---	---	800		11,2... 33,6	0,90	87,0	<7%
---	ON	---	---	---	750		10,5... 31,5	0,90	87,0	<7%
ON	---	---	---	---	700		9,8... 29,4	0,90	86,5	<7%
---	---	---	---	---	650		9,1... 27,3	0,90	86,5	<7%

ON

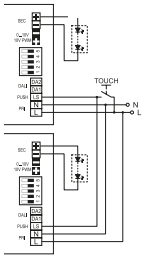
Dimming interfaces

DALI



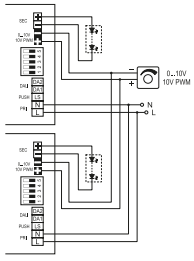
DALI: DALI and DALI-2 compatible.
Permanent memory.
Dimming range 1... 100%.

TOUCH DIM



TOUCH DIM: Standard switch compatible.
Permanent memory.
Dimming range 2... 100%.

0... 10V 10V PWM



0… 10V 10V PWM: Compatible with active and passive dimmer controllers.
Dimming range 10... 100%.

Designed by Aron Light in Portugal Made in PRC

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