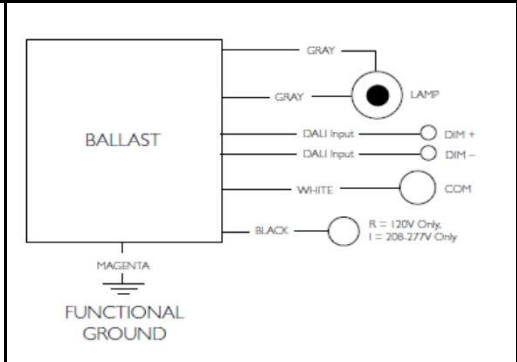
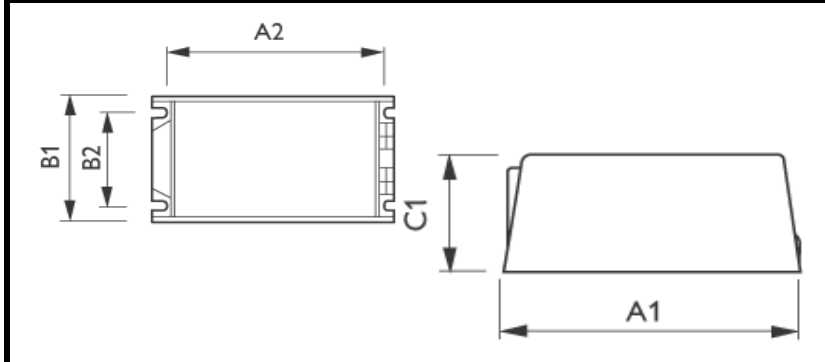
	Xtreme Electronic Ballast for Philips CosmoPolis Lamps	Catalog Number: IDCW-90-M For 90W Philips CPO Lamps ANSI C188 208-277V 50/60Hz Electronic Status: RELEASED
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DIMENSIONS AND DATA										
Lamp		Input Volts	Catalog Number*	Line Current (Amps)	Input Power (Watts)	Min Power Factor	Wiring Diag	Fig.	Weight (lb)	Max. Distance to Lamp (ft)
Number	Watts									

90W Watt Lamp, ANSI Code C188 Minimum Starting Temp -30°C/-22°F										
1	90	208 277	IDCW-90-M-XXX	0.49 0.37	99 99	0.95	11	M	2.1	30



Case Figure	Overall Length	Case Length	Case Width	Height	Mounting Length	Mounting Width
M	150mm [5.9"]	150mm [5.9"]	65mm [2.6"]	65mm [2.6"]	136mm [5.4"]	47mm [1.8"]



Wiring Diag. 11

PHILIPS
ADVANCE

CosmoWhite™
ELECTRONIC BALLAST / BALLAST & DIMMORATOR
Catalog No. IDCW/MHLS
For (1) 90W Philips CosmoPolis Lamp
(CPO 1 White 90W ANSI C188)
Intelligence® : 208 to 277V 50/60Hz

Rated Output (LED)	90W (ANSI C188)
Rated Voltage	208V - 277V
Rated Watts	90W - 90W
Input Current	0.49A - 0.37A
MAX Resonant Ignition Voltage (300V/60Hz)	3.3kV

HIGH POWER FACTOR
 MINIMUM STARTING TEMP: -30°C (-22°F)
 HIGHWAY CASE TEMP: 90°C (194°F)
 ROOMS: 40°C (104°F)
 MAKE SURE BALLAST IS NOT PLACED IN A POSITION WHERE IT WILL BE EXPOSED TO DIRECT RADIANT HEAT FROM THE LAMP.
 DOES NOT SHIRT
 DISCONNECT LINE VOLTAGE BEFORE INSTALLING OR REPLACING THE BALLAST.
 DO NOT CONNECT LAMP LEADS TO "INT" TERMINAL.

Lamp Power Fully Dimmed = 54W
 Compatible with DALI Protocol Controls
 Consult Factory for Complete List of Programming Features & Software

- INSTALLATION & APPLICATION NOTES:**
1. Maximum allowable case temperature is 90°C. See figure above for measurement location
 2. Resonant ignition is 3.3 kV max
 3. To prevent water traps do not mount the connectors upwards
 4. Ballast output will shutdown after 20 minutes if lamp fails to ignite
 5. Power must be cycled off – then on, after replacing lamp
 6. Functional Earth (magenta connector) must be connected to large metal plate of luminaire to enable the common mode 10kV transient protection

*Ordering Information	
Order Suffix	Description
-LS	Ballast with side exit connector and mounting feet

Data is based on tests performed by Philips Advance in a controlled environment and is representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.