



ECM/ECMW SERIES

Exterior canopy fixture

A highly durable and efficient exterior canopy fixture designed to maximize light distribution and withstand the harshest of conditions. Applications include retail exterior canopies, tunnels, loading areas and other wet and/or dusty locations.

The ECM's radius drop lens allows for optimal light output and superior distribution.

Mounting Methods

The ECM/ECMW fixture comes standard with all necessary knock outs for surface mounting.

Product Construction

The ECM/ECMW's housing is brake formed from heavy gauge aluminum. The ends are permanently welded in place to form a rigid finished product. The housing is bronze with a durable, weather resistant finish.

Optical Reflector

The system is precision brake formed of the selected aluminum material. The one piece reflector is removable without the use of tools.

Lampholders

Made of a Polycarbonate material; these locking-style lampholders are utilized to ensure positive lamp retention. Additionally, the material contributes to a longer life product in high temperature applications.

Lens

The standard ECM lens is an impact resistant, lineally ribbed DR Acrylic. The standard ECMW lens is a 0.118" Clear Lexan.

Ballasts

All ballasts are electronic programmed-start (T5HO) or instant-start (T8) as a standard. Optional ballasts are available, consult factory for available systems and system specifications. Available voltages: 120v, 277v, 347v, voltage sensing 120-277v and 347-480v.

Listings

All fixtures are UL and CUL listed.

Please specify when ordering

Fixture Series	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options
ECM/ECMW											

Fixture ordering guide

Fixture Series	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options* ³
ECM* ¹	DRI* ²	1	17	12	1	HI	E	BLANK	PC	BLANK	HP
ECMW* ¹	DLI* ²	2	24	27	2	LI	W			830	A
		3	32	34		SI	B			835	ES ()
		4* ¹	54	UV		SI+				841	XL
				HV		PS				850	
						PSL					
						PSH					
						PD					
						SDH					

*¹ ECM available with up to 3 - T5HO or T8 lamps. ECMW available with up to 4 - T5HO or T8 lamps.

*² DRI lens only available with ECM. DLI lens only available with ECMW.

*³ Consult factory for manufacturing specific ordering codes/availability.

Available fixture selections

Lens Selections	Reflector Selections	Ballast Selections	Hanging Selections	Lamp Color Selections
DRI DR Acrylic Impact Resistant	E Enhanced Aluminum	HI High Ballast Factor (HBF) Electronic*	Blank KOs Provided for Surface Mount	BLANK Lamps Not Included
DLI 0.118" Clear Lexan	W Highly Reflective White Aluminum	LI Low Ballast Factor (LBF) Electronic*		830 80+ CRI, 3000K
	B 95% Reflective Extreme White Aluminum	SI Standard Ballast Factor (NBF) Electronic*	Options Selections	835 80+ CRI, 3500K
		SI+ 1.0BF Electronic*	PC Photocell	841 80+ CRI, 4100K
Voltage Selections	Lamp Type Selections	PS Programmed Start (NBF)		850 80+ CRI, 5000K
12 120V	17 F17T8 System	PSL Programmed Start LBF*		
27 277V	24 F24T5HO System	PSH Programmed Start HBF*		Lamp Options Selections
34 347V	32 F32T8 System	PD Programmed Start Dimming		HP High Performance, Long Life Lamps*
UV 120-277V	54 F54T5HO System	SDH Step Dimming HBF (100% to 60% Dimming)*		A Amalgam Tip Lamps**
HV 347-480V				ES () Energy Saver (Specify Wattage)
				XL Long Life*
		* T8 Only		* T8 Only
				** T5HO Only

Common fixture selections

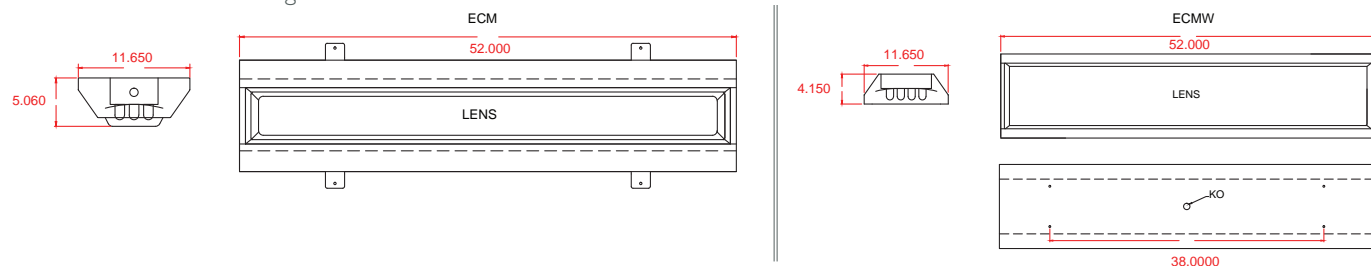
Catalog number	System	# of lamps	Wattage (120/277V)*	Initial system lumens*	Mean system lumens*
ECM DRI 254 UV IPS W	T5HO	2	116w / 115w	10,000	9,500
ECM DRI 332 UV IPS H E	T8	3	110w / 108w	10,695	10,350
ECM DRI 354 UV IPS E	T8	3	188w / 185w	14,847	14,105
ECMW DLI 454 UV IPS E	T5HO	4	232w / 226w	20,000	19,000

*Wattages may vary depending on the ballast manufacturer and lamp type used.

Initial and mean system lumens are the initial/mean lumen output of the lamp/ballast system as rated by lamp and ballast manufacturer and may vary from manufacturer to manufacturer.

Specifications and dimensions subject to change without notice. Contact Philips Optimum for current availability and ordering information

Dimensional drawing



Fixture Type: _____

Catalog #: _____ Quantity: _____

Project: _____

Exterior | www.philips.com/optimum | Phone (800) 541-9082 | Fax (855) 231-0414

