

RECESSED

components

Project: _____
Type: _____
Catalog number: _____

specifications LED

OSRAM
LED Technology included

OSRAM PrevaLED module & Optotronics 40W driver 3000 lumen module

Source Lumens	3000 Lumen Module (560 mA)				
Delivered Lumens*	2436	2542	2648	2753	2859
Temp	2700K	3000K	3500K	4000K	5000K
Watts	25.3	25.1	25.3	25.4	25.4

* Delivered Data based on 6" SYL open clear reflector for reference

GEN 4 data

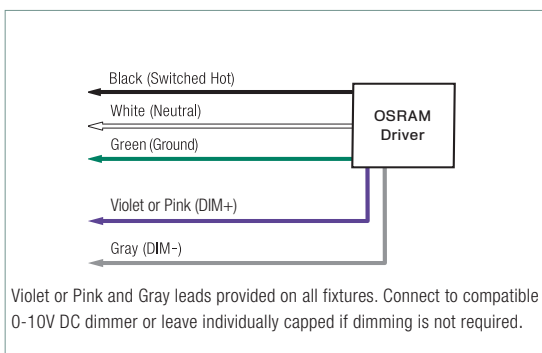
The Osram Optotronics driver is provided standard with all SYL series fixtures using the PrevaLED Cube module.

Optional Features (Must specify when ordering)

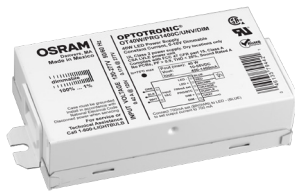
DTO - Dim-To-Off. Shuts off output from driver. The driver remains in standby mode awaiting a command. Eliminates the need for a separate relay.

SFS - Soft Start. Slowly ramps up the output from zero to 100% over a 2.5 second ramp-up period for a smooth increase of illumination.

AUX - Auxiliary Output. For powering sensors from the driver, the AUX option must be used. Standard Output Voltage is 12V. Contact factory for 20V or 24V. Output power 1W Max.



OSRAM PrevaLED Cube



OTi40W

Compatible Dimmers

Manufacturer	Manufacturer Part Number
Encelium EMS	EN-LCM-1R10V-GB2-BK
	EN-LCM-1R10V-GB2-BK/DR
	EN-ALC-1R10V-GB2-BK
	EN-ALC-1R10V-GB2-BK-DR
Leviton	IP710-DLX
Lutron	DVSTV-XX
Wattstopper	ADF-120277
Wattstopper	FSP-202
Synergy Lighting Controls	ISD BC

LED specifications and compatible dimmers are continually changing.

Input	Efficiency @ Full load 120V / 277V	≥87% / ≥86%
	Input Voltage (VAC)	120V-277V (+/- 10%)
	Frequency Range (Hz)	50-60 Hz (+/- 5%)
	Input Current (A) 120V / 277V	0.41 / 0.18
	Inrush Current (Apk, T @50% of Apk) 120V / 277V	6.7, 150µs / 15.6, 90µs
	Power Factor @ Full load 120V / 277V	>0.9 / >0.9
Output	THD @ Full load 120V / 277V	<20% / <20%
	LED Power-Up Time	<0.5 sec CA T-24 Compliant
	Max. Output Power (W)	40W
	Output Current (mA)	400-1400mA
	Output Ripple Current	<20% @ 1400mA
	Output Voltage (VDC)	8-55VDC
Dimming	Dimming Control	0-10V (Isolated)
	Dimming Input Isolation (CRM)	2.5KV
	Dimming Range	1-100%
	Dimming Type	Current Reduction
	Dim-to-Off OFF/ON	0.7V/1V
	Source/Sink Current	0.2mA
Operating	Ambient Operating Temperature	-30°C to 50°C
	EMI Compliance	FCC Part 15 Class A
	Sound Rating	Class A
	Transient Protection	NEMA SSL 1 - 2010 / Non-Roadway 2.5KV



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LIGHTING

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