

# Technical Specifications

Date:	Location:
Type:	Project:
Catalog #:	



## DAYTONA Series Petroleum Luminaire Series

### Product Description

The low profile design of the DAYTONA Series Low Glare LED Petroleum luminaire is designed to exceed standards for all petroleum applications with the lowest possible power consumption. The low glare design keeps light pleasant for patrons while maintaining great coverage. Field-adjustable lumen output allows installers to select from 12,000 or 17,000 lumens. The durable and robust design allows for simple installation. Delivering up to 17,000 lumens while only consuming 120 watts (140 LPW), it's the ideal solution for petroleum stations.

Applications: Petroleum station lighting.

### Product Performance

- Field-adjustable lumen output:
  - 12,000 lumens (87 watts)
  - 17,000 lumens (120 watts)
  - (4000K & 5000K CCT, values for 3000K will be proportional for field-adjusted output)
- Wattage: 120 Watts Max
- Input Voltage: 120-277VAC, 277-480VAC
- CCT: 3000K, 4000K or 5000K (custom CCT available)
- CRI: Minimum 80 CRI standard (custom CRI available)
- UL1598 Compliant
- IP66 Rated
- 5 year Warranty



Key Data	
Lumen Range	12,000-17,000 (Field-Adjustable)
Wattage Range	87-120
Efficacy Range	Up to 140 LPW
Fixture Life	L90@25°C > 50,000 hours
Dimensions	15.0" x 15.0" x 3.6"

### Ordering Guide

Example: CPL-DP12050K8-MV-WH-OC2

CPL-	-DP	XXX	XXK8		-XX	-OC2
Series	Distribution	Output Type	CCT Code <sup>1</sup>	Voltage	Fixture Color	Options
CPL - 16"	DP - Diffused Canopy	120 - 17,000 Lumens Max, 120W (Field-Adjustable)	30K8 - 3000K, 80 CRI 40K8 - 4000K, 80 CRI 50K8 - 5000K, 80 CRI	MV - 120-277V HV - 277-480V	WH - White BZ - Bronze SV - Silver	SP277 - 277V, 10Kv Surge Suppression SP480 - 480V, 10Kv Surge Suppression

### Accessories (Field installed, order as separate line item)

Accessory Number	Description
PL-TP2424	24" x 24" Beauty Plate Kit (with 4" Center Hole)
PL-TP2626	26" x 26" Beauty Plate Kit (with 4" Center Hole)
PL-TP2632	26" x 32" Beauty Plate Kit (with 4" Center Hole)

<sup>1</sup> Custom CCT and CRI available, may require longer lead times, consult factory for details

Consult factory for DLC listings



## Product Specifications

### Construction & Materials

- Powder Coated Aluminum Housing
- UV Stabilized single Polycarbonate Lens
- Robust low profile design with active thermal management
- Petroleum mounting open canopy

### Optical System

- DP Lens - Type V Low Glare Medium Canopy Lens

### Electrical System

- Input Voltage: 120-277VAC or 277-480VAC
- Power Factor: > 0.95
- Total Harmonic Distortion: ≤10%
- Operating Temperature Range: -40°C to 60°C
- Standard Surge Suppression: 4Kv

### Testing & Certifications

- cETLus Listed
- UL1598, CSA STD.22.2 compliant
- IP66 Rated
- RoHS Compliant
- FCC Compliant

### Lumen Maintenance

- L90@ 25C >50,000 hours

## Photometry

All published photometric testing data is performed to IESNA LM79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project contact sales@eluminaire.com.

eluminaire maintains a tolerance of +/- 7% on flux and power measurements. The information in this document is subject to change without notice.

