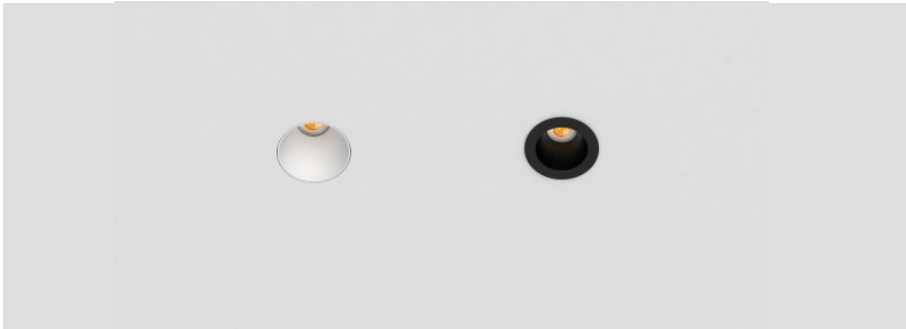


Flare - 1" Recessed Downlight



PROJECT: _____

Type: _____



Product Description

The CoreBit is a 1" aperture architectural spotlight designed for precision accent lighting in ultra-discreet installations. Powered via Coretron's 24V system and connected through the CV to CC converter, it allows centralized driver integration alongside strip lights and other low-voltage systems. Ideal for display cabinets, millwork, or hospitality applications where form disappears but function shines.

Features:

- Ultra-small 1" aperture for minimal ceiling presence
- Powered by 24V DC input via CTC350 constant-current converter
- Adjustable light engine with precise tilt control
- Multiple beam angles and color temperatures
- High-efficiency COB for focused accent lighting
- Regressed optic for glare-free illumination
- Optional trimless installation for seamless integration
- Compatible with strip light drivers in the same loop
- Low-voltage safety, ideal for tight-space installations
- Ideal for showcases, display shelving, or premium detail lighting

Specifications

Input Voltage: 24V DC
Power Consumption: 6W
Delivered lumen: 270lm@4000K
CRI(Ra): >90 min
R9: >70 min
Dimming: PWM
Power Factor: >0.9
Lumen Maintenance: 70% @ 60,000 Hrs
Approved location: IP20, Dry
Tilt : Fixed
THD <20%
Certification: cETLus

Critical Dimensions

Cut Out: 1" (25mm)
Outer Diameter: 1.14" (29mm)
Ceiling Clearance: 2.28" (58mm)

Ordering Guide

Product	Light Source	Beam Spread	Trim	Installation
LN75-R25	30 - 3000K, CRI>90	NS - 16°Narrow Spot SP - 25°Spot	WH - White Flange BK - Black Flange TR - Trimless C - Custom	RM - Remodel RP - Rough-in Plate



Assembled in
Canada

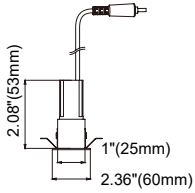
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Flare - 1" Recessed Downlight

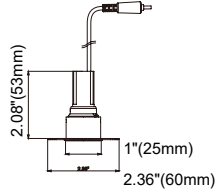


PROJECT: _____ Type: _____

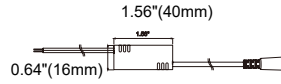
Dimensions



Flange



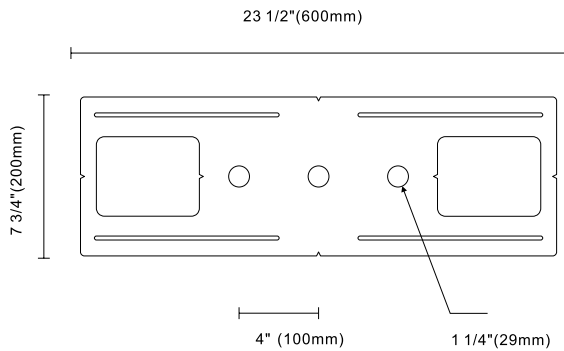
Trimless



Lumens: Tested with 6W 4000K

Beam angle:	Delivered Lumens:
16°	270lm
25°	240lm

RP - Rough-in Plate



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Flare - 1" Recessed Downlight



PROJECT: _____ Type: _____

24V DC LED Driver

Output	Models	JVC-24V-96	JVC-24V-192	JVC-24V-288
	DC Voltage 24V	24V	24V	24V
	Rated current	4A	2x4A	3x4A
	Rated Power	96W	2x96W (192W)	3x96W (288W)
	Voltage Tolerance	±0.5V		
	Voltage Regulation±	0.5%		
	Load Regulation±	1%		
Input	Voltage Range	100-277VAC		
	Frequency Range	47-63Hz		
	AC Current (Max)	1.3A @ 100VAC		
	Inrush Current (Typ.)	20A, 50%, 1.6ms		
	Efficiency (Typ.)	83% @ full load		
	Power Factor (Typ.) @ 100%	0.98@120VAC, 0.96@277VAC		
	THD (Typ.) @ 100%	< 20%		
Other	Leakage Current	< 0.50mA		
	Working Temperature-	40°C to +60°C		
	Safety Standards	UL8750 + UL1310		
	Size	8.7" X 3.7" X 1.6"	10.3" X 4" X 1.8"	10.3" X 4" X 1.8"
Weight		4 lbs4	.4 lbs	4.4 lbs



Ordering Guide

Example: JVC-24V-96-ELV

Product	Power	Dimming
JVC-24V	96 - 96W 4A 192 - 192W 2x4A 288 - 288W 3x4A	ELV - ELV/TRIAC DIM - 0-10V Non-DIM - Non-Dimmable



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