

Adjustable Angle **LED Spotlight**

ENERGYs™



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MEMBER

NEWVISION

- Up to 85% energy saving
- Over 100,000 hours life expectancy
- 7 years manufacturer's warranty
- Replacement option for halogen spotlight
- Narrow beam angle
- Adjustable +/- 40° angle



A range of very high performance recessed LED spotlights with high efficacy and low glare. The advanced variable output driver allows the power output to be adjusted between four preset power levels with a simple switch.

Key Features:

Advanced LED chips with efficacy of over 150 lumens per watt giving fixture lumens (inclusive of driver and optics losses) of 110 lumens per watt.

The recessed LED chip gives very high performance with reduced glare as the light source is set well back from the front end of the fitting. The high quality reflector ensures that the light is delivered in a well focused beam and the adjustable gimbal allows the light to be accurately directed within 40 degrees on one axis to accurately illuminate desired areas.

Unique driver module design with selectable power output allows the user to modify lighting levels and energy consumption to optimise the installation.

Focused Downlight - DDL series

Family : Recessed Luminaire / DDL

Technical Overview

Product Code	Dimensions Rim (cut-out) diameter x height	Chips		Lamp				
		CRI	Efficacy	Photometric		Electrical		
				Efficacy	Lumen @max. power	Input Voltage (DC)	Input current (max.)	Lamp Power (max.)
DDL-05YYY-840-D01	Ø138(120) x 60mm	>80	190 lm/W	120 lm/W	1,555 lm	36 V	360 mA	13.0 W
DDL-06YYY-840-D01	Ø160(140) x 60mm	>80	190 lm/W	120 lm/W	1,944 lm	27 V	600 mA	16.2 W

notes

- Standard product CCT is 4000K, for 2700K or 6000K, replace 840 in code with 827 or 860
- Available with driver replace D01 with S01
- 2700K products will yield 5% less efficacy and therefore 5% less light output
- Efficacy between Chip and Lamp level differs due to optical losses. (Driver loss not mentioned above)

Supplied with New Vision Driver

Driver power is adjustable on-site

Product Codes	DDL-05015-840-S01	DDL-06015-840-S01
Parameters		
Driver Type	DRV-R01036-DIM-S01	
Input Voltage (DC)	36 V	27 V
Input Current (DC)	360 mA	480 mA
Efficacy (System)	107 lm/W	107 lm/W
Input Voltage (AC)	200-240Vac (50/60Hz)	
Input Current (@240Vac)	61 mA	61 mA
Input Power (System)	14.6 W	14.6 W
Lumen	1,555 lm	1,555 lm

notes

- Standard product CCT is 4000K, for 2700K or 6000K, replace 840 in code with 827 or 860
- S01 products supplied with LED driver as specified above
- 2700K products will yield 5% less efficacy and therefore 5% less light output
- Efficacy between Lamp and System level differs due to Driver Losses

Specifications

Operating temperature	-25 to +40°C	
Driver life expectancy	100,000 hours (MTBF @ta=25°C)	
Lumen maintenance	L90 B10 @	35,000 hours
@ max. power	L80 B10 @	65,000 hours
@ ta=25°C	L70 B10 @	100,000 hours
Warranty	7 years	
Protection rating	IP44 Front, IP20 Back	
Diffuser material	Polycarbonate	
Body material	Aluminium	

Compliance

Low Voltage (Safety) Directive 2014/35/EU			
EN 60598-1			
EN 60598-2			
SELV 60	CE		ROHS