FUTURA

Low voltage disc lights that measure less than 1/2" high, the versatile Futura series is available in 3-pack kits and singles.

Performance

• Low profile disk shape is available in three finishes: Matte Black, Matte White and Nickel
• Available in individual and 3-disc kits for customizing projects
• Dimmable with 15-100% light control (quantity and dimmer type depend upon driver used)

Construction

• Cast aluminum heat sink maximizes life of LEDs
• Prismatic polycarbonate lens provides wide distribution of light
• Trim rings are durable Polycarbonate for White and Black discs, and Brushed Steel for Nickel discs

Installation

• Versatile design – allows hub system, daisy chain or a hub-daisy chain hybrid connection to power - up to five disks can be daisy-chained
• Futura discs are designed for surface mount only
• Linking cables are available in three lengths
• Kits are designed for plug-in installations, controlled by rocker switch on power cord or wall dimmer; hardwired installations are controlled by wall switch or dimmer (see driver details for more information)

Specifications

Series	FUT
Input voltage	12V DC
Color temperature	2700K
CRI	82+
Wattage	3W per puck
Lumens	170Lm / 175Lm / 180Lm
Maximum run	Dependent upon capacity of driver
Beam angle	100°
Dimming	PWM, PS-12-12VPI-T* and ELV**†
Housing	Polycarbonate (WH & BK), Steel (NK)
Lens	Polycarbonate
Rating	c/UL/us Listed, dry locations
Dimensions	3-9/16"Dia x 7/16"H
Power input	Plug-in and hardwire
Mounting	Surface mount, screws included
Linking	Cables included & sold separately
LED type	15 x 3014 SMD LEDs
Rated life	35,000 hrs

*Per the NEC, switched wall outlets cannot be used with wall dimmers

Building a System

Determine Layout:
Determine the quantities of discs needed. Determine linking mode (daisy chain or hub system, or hybrid system) and power input:
1. Hardwire
2. Plug-in

Select Power Input Accessories:
1. Hardwire: Use LED-DR30-12, ELV driver or modify PS-12-12VPI
2. Plug-in: Use PS-12-12VPI-T for each group of less than three. Order kits, which have the plug-in driver included, for groups of three.

Select Linking Accessories:
Individual disks include 72" linking cables; kits include (1) 72" and (2) 24" cables - order other lengths as needed.

Futura Discs

FUT-1-BK
LED Futura Disc - Black
3W / 170Lm

FUT-1-NK
LED Futura Disc - Nickel
3W / 175Lm

FUT-1-WH
LED Futura Disc - White
3W / 180Lm

Individual disks include (1) 72" linking cable and mounting screws

Futura Kits

FUT-3KIT-BK
3-Disc Kit - Black

FUT-3KIT-NK
3-Disc Kit - Nickel

FUT-3KIT-WH
3-Disc Kit - White

Kits include (1) 12V DC plug-in driver, (1) 72" linking cable, (2) 24" linking cables and mounting screws

Futura Accessories

PS-12-12VPI-T* (Black only)
Class 2 dimmable* plug-in driver
6ft power cord with rocker switch ,6ft lead with
terminal block, c/ETL/us Listed for dry locations

* PS-12-12VPI-T and the 12V plug-in LED driver included with 3-disc kits only support 2 or 3 discs in dimming applications (use standard incandescent dimmers for 15-100% light control). This driver can be modified for hardwire applications by replacing the power cord with supply leads. For non-dimming applications, 1-3 pucks can be attached.

** ELV-30-12 supports 6 - 8 discs in dimming applications (15-100% light control) using most standard incandescent, reverse phase and electronic low voltage dimmers. For non-dimming applications, 1-9 pucks can be attached.

† ELV-45-12 allows 9 - 13 discs in dimming applications (15-100% light control) using most standard incandescent, reverse phase and electronic low voltage dimmers. For non-dimming applications, 1-14 pucks can be attached.

Linking Cables - Black
(Sold in bags of 10)
FUT-EX12 12"
FUT-EX24 24"
FUT-EX48 48"
FUT-EX72 72"

Linking Cables - White
(Sold in bags of 10)
FUT-EX12-WH 12"
FUT-EX24-WH 24"
FUT-EX48-WH 48"
FUT-EX72-WH 72"

ELV-30-12 (30W** driver)
ELV-45-12 (45W† driver)
Class 2 dimmable hardwire
driver, 120V input
Note: Dimming function
consumes some power internally

LED-DR30-12
12V DC Class 2 hardwire power supply
100-240V AC input, 1-30W
6-1/4"L x 1-1/4" H x 1-3/4"W
c/UR/us Recognized for dry locations
Can be used with AL-PWM-6A dimmer
which consumes 3 watts