

VARIOUS PATTERNS

PENDANT - RECESSED - SURFACE

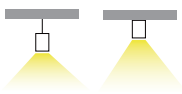


The FLEX series offers full customizability and flexibility to create designs using a combination of linear and curved segments, along with connectors, corners, intersections, and more, available for unlimited lighting pattern designs. The FLEX series provide both aesthetic appeal and functional lighting efficiency. Various mounting options, pendant, surface and recessed.

TECHNICAL DATA

CCT	3000K/4000K/5000K
CRI	85
Dimming	1-10V dimming
Input	120-277V, Constant Voltage
Projected Lifetime	100000hrs-L70 @Ta=25°C
Operating Temp.	-20°C to + 40°C(-4°F to 104°F)
Certifications	ETL Listed
Power Factor	>0.9 at full load
Harmonic Distortion	<20% at full load
IP Rating	20

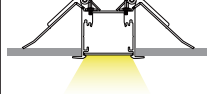
D8080 Housing
Pendant/Surface
(Direct)



ID80100 Housing
Pendant
(Indirect /Direct)



D8035R Housing
Recessed
(Direct)



FEATURES

- **Unlimited Lighting Pattern Designs :** Customized straight and curve linear, corners and intersections.
- **Multiple Mount Options :** Pendant, surface mount and recessed.
- **Optional Add-Ons :** Expand functionality with indirect and direct lighting.

DIMENSION (side view)

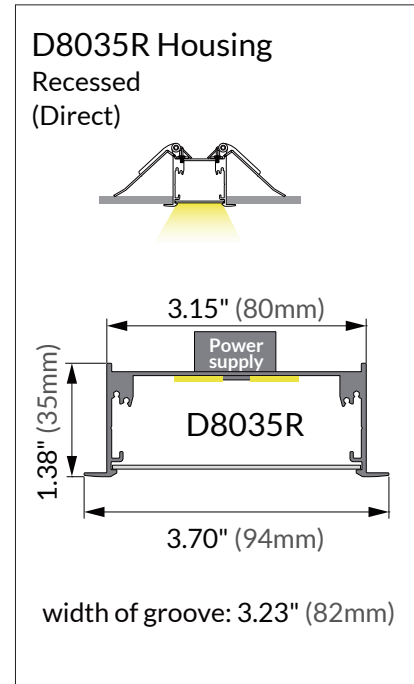
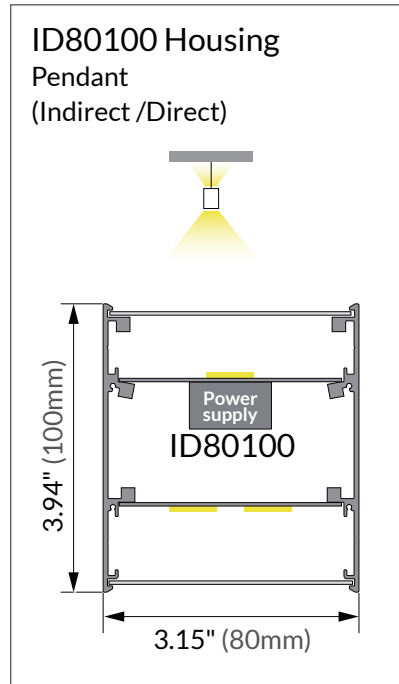
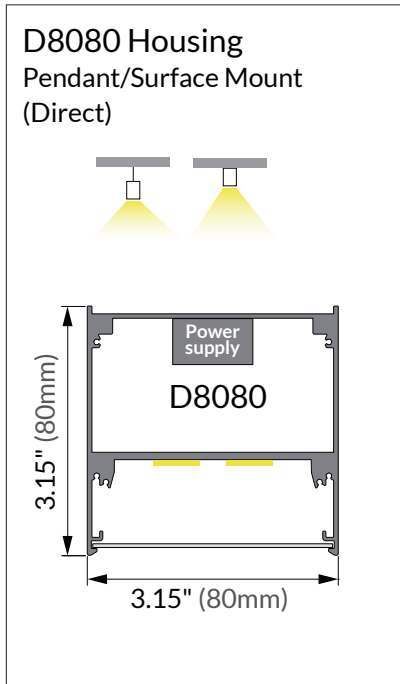
Outer round radius can be customized. Length for straight model can be customized too.

Minimum radius: R11.8" (R300mm)

Minimum angle: 15 degree

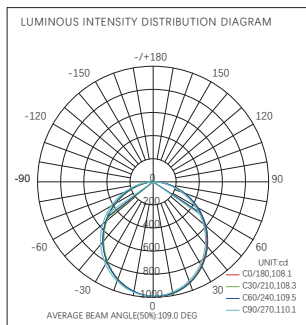
Standard power cord length: 5.4ft (1650mm)

Standard aircraft cable length : 6ft (1828mm)

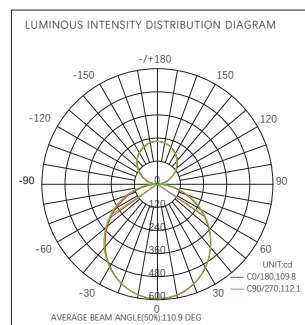


PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.



Direct



Indirect /Direct

ORDERING INFORMATION

EXAMPLE: FLEX3-P-D-30851-10D-ACPMK-12FT10IN-LCV(R15A88) +2LCV(R26A56)-2LCO(A90)-SL

A 3D Revit file is required for quoting and factory shop drawings. For simple patterns, a detailed sketch could suffice.

FLEX3-P						
1, Series	2, Distribution	3, CCT	4, CRI	5, Voltage	6, Driver ³	7, Installation
FLEX3-P Pattern Constant Voltage	D Direct ID ¹ Indirect and direct	30 3000K 40 4000K 50 5000K	85 ² 85 CRI	1 120-277V	10D 0-10V dim to10%	ACPMK Aircraft Cable Pendant SMK Surface Mount RMK ⁴ Recessed Mount
8, Linear Model	9, Curve Model ⁵	10, Corner	11, Intersection ⁷		12, Options	12, Finish ⁹
(#)FT(#)IN Specify total pattern length (#) in 1' and/or 1" increments	Blank None (#)LCV(R##A##) ⁶ Leveled Curve	Blank None (#)LCO(A##) ⁶ Leveled Corner	Blank None (#)STI Straight T intersection (#)SXI Straight X intersection (#)SYI Straight Y intersection (#)CM Custom ⁶		Blank None EBU ⁸ Emergency Battery Back-up	WH White RAL9003 BK Black RAL9004 Custom finish color is optional ⁹
(#)FT(#)IN	LCV(R15A88)	LCO(A90)	STI SXI SYI			

Notes:

¹ Indirect and direct is available for pendant mounting only. If drivers are integral, fixture has two power cords. Then switching can be separate for indirect and direct light. For remote drivers, factory will evaluate the way to proceed based on the actual projects.

² 85 CRI is standard. 90 CRI is optional.

³ Integral or remote subject to factory evaluation. Code will be updated with prefix "R" if factory determines driver to be remote.

⁴ Recessed mount is for dry ceiling.

⁵ Minimum radius is R11.8" (R300mm). See page 2 for curve details.

⁶ Specify quantity (#), radius (R##) in 1" increments and angle (A##), e.g. 3LCV(R15A88). Minimum angle is 15 degree. If more than one option is specified, separate codes with a "+", e.g. LCV(R15A88 +2LCV(R26A56).

⁷ Specify quantity (#), Provide a drawing for custom intersections.

⁸ Please contact Customer Service for the final emergency battery back-up solution.

⁹ White and black are standard. Custom finish colors are available at an additional charge.

Finish Color Sample

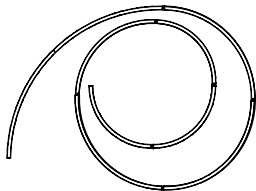


PERFORMANCE DATA

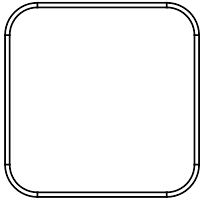
Constant Voltage

Housing	Size	Wattage	CCT	CRI	Lumen
D8080	L3.28×W0.26×H0.26ft (L1000×W80×H80mm)	7.62W/ft 25W/m	3000K	85	500LM/ft 1638 LM/m
			4000K		584LM/ft 1911 LM/m
			5000K		520LM/ft 1701 LM/m
D8035R	L3.28×W0.31×H0.12ft L1000×W94×H35mm	7.62W/ft 25W/m	3000K	85	500LM/ft 1638 LM/m
			4000K		584LM/ft 1911 LM/m
			5000K		520LM/ft 1701 LM/m
ID80100	L3.28×W0.26×H0.33ft L1000×W80×H100mm	up: 3.82W/ft 12.5W/m down: 7.65W/ft 25W/m	3000K	85	up: 300LM/ft 986 LM/m down: 600LM/ft 1971 LM/m
			4000K		up: 350LM/ft 1146 LM/m down: 700LM/ft 2292 LM/m
			5000K		up: 312LM/ft 1020 LM/m down: 624LM/ft 2040 LM/m

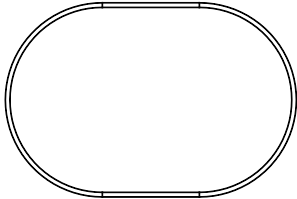
PATTERN EXAMPLE



Spiral



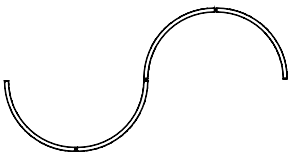
Rounded Rectangle



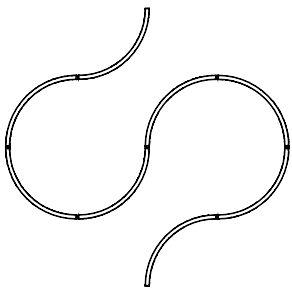
Oval



Wave

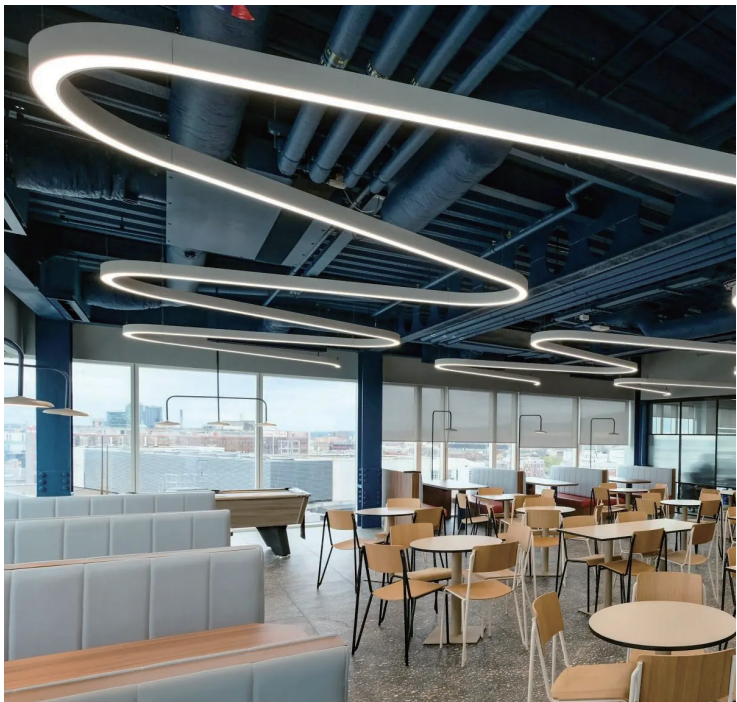


S-shape



Curve

Ref#: 20260225



WARRANTY

Five year limited warranty.

Specifications subject to change without notice.