

SEGMENTS_CURVED & STRAIGHT

PENDANT - RECESSED

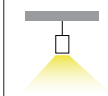


The FLEX Segment series offers customizability and flexibility to create designs using a combination of linear and curved segments. Outer round radius are available in R11.8"/R17.7"/R23.6"/R35.4"/R47.2", as well as straight line segments in customized length. They can function individually as discrete luminaires, or they can be joined together to form new shapes.

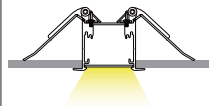
TECHNICAL DATA

CCT	3000K/4000K/5000K
CRI	85
Dimming	1-10V dimming
Input	120-277V, Constant Current
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
(Direct)



D8035R Housing
Recessed
(Direct)



FEATURES

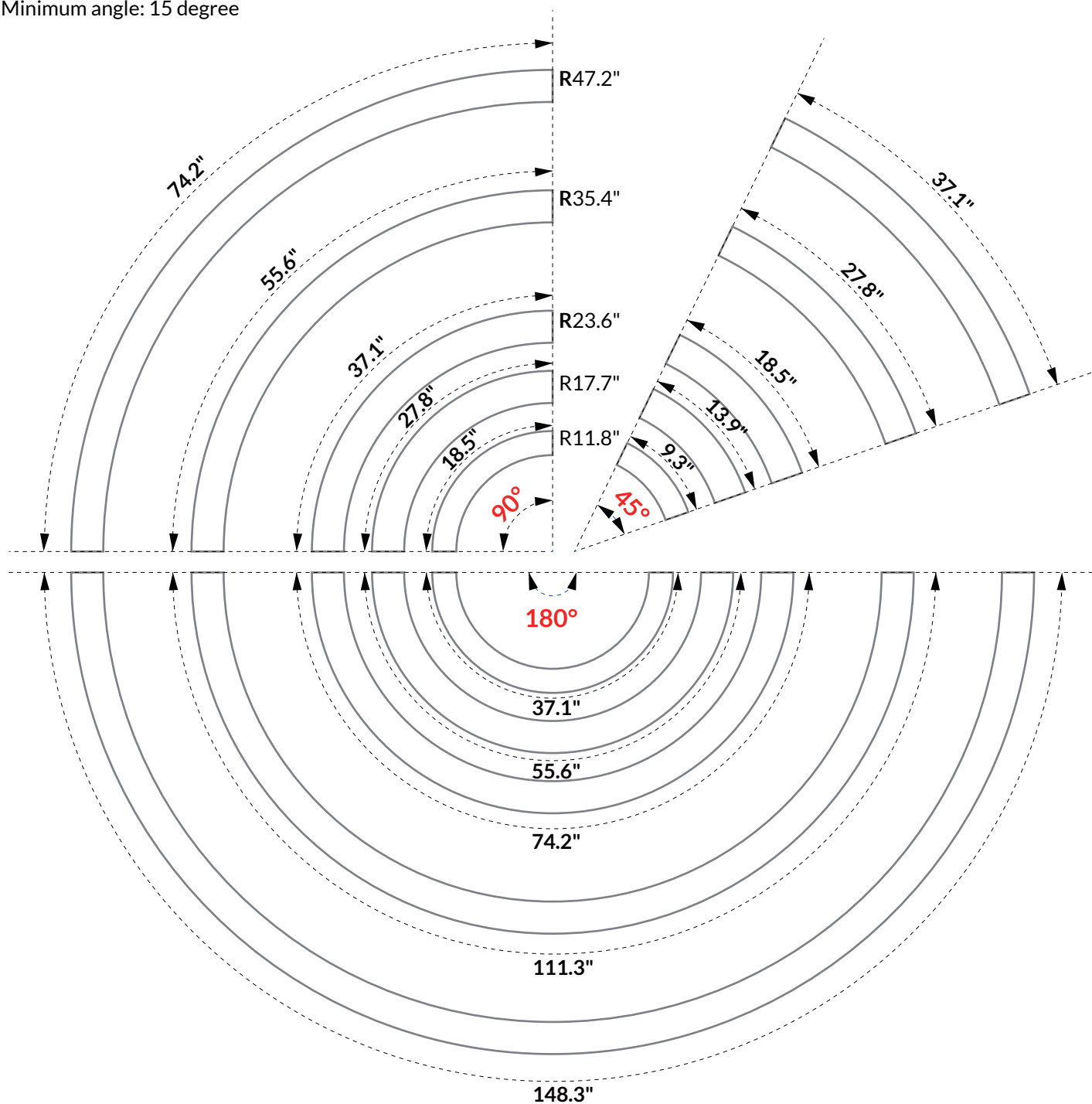
- **Curved Segments** : Outer round radius are available in R11.8"/R17.7"/R23.6"/R35.4"/R47.2".
- **Straight Segments** : Customized length.
- **Mount Options** : Pendant and recessed.

Length for straight model can be customized.

Outer round radius: R11.8"/17.7"/23.6"/35.4"/47.2" (R300mm/450mm /600mm /900mm /1200mm)

Minimum radius: R11.8" (R300mm)

Minimum angle: 15 degree



DIMENSION (side view)

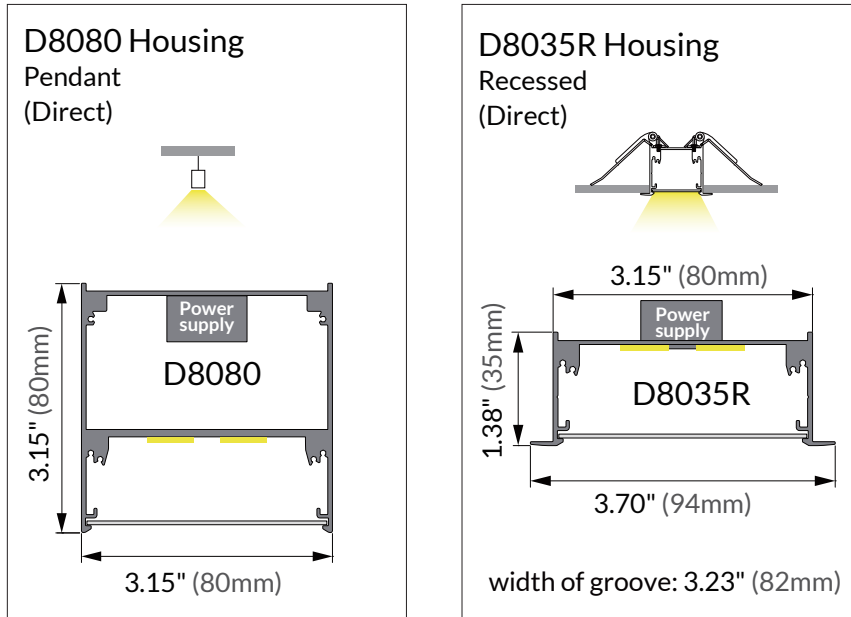
Outer round radius: R11.8"/17.7"/23.6"/35.4"/47.2" (R300mm/450mm /600mm /900mm /1200mm)

Minimum radius: R11.8" (R300mm)

Minimum angle: 15 degree

Standard power cord length: 5.4ft (1650mm)

Standard aircraft cable length : 6ft (1828mm)



PERFORMANCE DATA

Housing	Size	Wattage	CCT	CRI	Lumen
D8080	L3.28×W0.26×H0.26ft (L1000×W80×H80mm)	9.45W/ft (31W/m)	3000K	85	864 LM/ft 2834 LM/m
			4000K		916 LM/ft 3000 LM/m
			5000K		893 LM/ft 2930 LM/m
D8035R	L3.28×W0.31×H0.12ft (L1000×W94×H35mm)	9.45W/ft (31W/m)	3000K	85	864 LM/ft 2834 LM/m
			4000K		916 LM/ft 3000 LM/m
			5000K		893 LM/ft 2930 LM/m

ORDERING INFORMATION

EXAMPLE: FLEX3-S-D-30851-10D-ACPMK-12FT10IN-LCV(R18A90) +2LCV(R24A60)-2LCO(A90)-SL

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

FLEX3-S						
1, Series	2, Distribution	3, CCT	4, CRI	5, Voltage	6, Driver ²	7, Installation
FLEX3-S Segment Constant Current	D Direct	30 3000K 40 4000K 50 5000K	85 ¹ 85 CRI	1 120-277V	10D 0-10V dim to10%	ACPMK Aircraft Cable Pendant RMK ³ Recessed Mount
8, Linear Model	9, Curve Model ⁴	10, Corner	11, Intersection ⁶		12, Options	12, Finish ⁸
(#)FT(#)IN Specify total pattern length (#) in 1' and/or 1" increments	Blank None (#)LCV(R12A##) ⁵ Leveled Curve, R11.8" (#)LCV(R18A##) ⁵ Leveled Curve, R17.7" (#)LCV(R24A##) ⁵ Leveled Curve, R23.6" (#)LCV(R35A##) ⁵ Leveled Curve, R35.4" (#)LCV(R47A##) ⁵ Leveled Curve, R47.2"	Blank None (#)LCO(A##) ⁵ Leveled Corner	Blank None (#)STI Straight T intersection (#)SXI Straight X intersection (#)SYI Straight Y intersection (#)CM Custom ⁷		Blank None EBU ⁷ Emergency Battery Back-up	WH White RAL9003 BK Black RAL9004
(#)FT(#)IN	LCV(R11.8A90)	LCO(A90)	STI SXI SYI			

Notes:

¹ 85 CRI is standard. 90 CRI is optional.

² Integral or remote subject to factory evaluation. Code will be updated with prefix "R" if factory determines driver to be remote.

³ Recessed mount is for dry ceiling.

⁴ Minimum radius is R11.8" (R300mm). See page 2 for curve details.

⁵ Specify quantity (#), radius (R##) in 1" increments and angle (A##), e.g. 3LCV(R11.8A90). Minimum angle is 15 degree. If more than one option is specified, separate codes with a "+", e.g. LCV(R18A90 +2LCV(R24A60)). Some special curves can only be achieved with FLEX PATTERN series.

⁶ Specify quantity (#), Provide a drawing for custom intersections.

⁷ Please contact Customer Service for the final emergency battery back-up solution

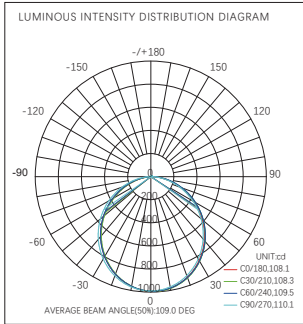
⁸ White and black are standard. Custom finish colors are available at an additional charge.

Finish Color Sample



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.

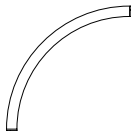


Direct

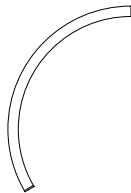
CURVED SEGMENT EXAMPLES



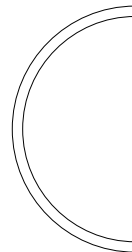
45°



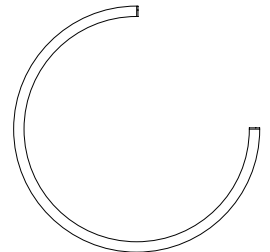
90°



120°



180°



270°



WARRANTY

Five year limited warranty.

Specifications subject to change without notice.