

ACTWELL

LIGHTING



TECHNICAL INFORMATION
AW5001L-30D GENIEFLEX 30D

APPLICATION AREA



Corridors



Landscaping



Commercial



Galleries and Museums



Hospitality



Hospitals and Medical



Hotels



Residential



Retail



Shopping Centers



Swimming pools



Sports centers



Theatres



Educational Facilities



Ceiling Soffits



Seat Lighting



Actwell Trading reserves the right to make revisions and updates.
If you have any enquiries please consult an Actwell Lighting Representative



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PRODUCT NAME	
GENIEFLEX 30D	
Description	Genieflex 30D is a flexible linear lighting solution with top and side free-bending capabilities. Designed for projecting uniform light further using 30-degree beam optics. Operates on low-voltage DC24V and supports dimming and CCT control for versatile indoor and outdoor applications.
Materials	Flexible PVC Body, Durable TPU (Thermoplastic Polyurethane) construction, offering excellent resistance to yellowing, heat, corrosion, acids and alkalis.
Dimensions	Width: 16mm; Height: 17mm; Length: Max 25m per run (Clip Allowance: 21mm Width, 22.5mm Height). 62.5mm Cut Lengths
Driver	24Vdc Constant Voltage Remote Driver
Luminaire Details	16W/m SMD LED, Beam Angle: 30°, CRI>90+, Single Colour/ 2700K / 3000K / 3500K / 4000K / 6500K Options Available. 1920 Lumens, 1730 Luminaire Luminous Flux at 16W/m 3000K
Ratings	IP65 IK05
Rated Life	5yr Warranty L80 B10: 74,000hrs
Installation	Surface or Recessed within Mounting Clips or Channels

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ORDER CODE

AW5001L-30D-(Colour)-(Length)-(Cable Input)-(Dimming)

Example: AW5001L-30D-3K-20000-+A35(20x)-ND

OPTIONS

Colour	Wall to Wall Length	Cable Input	Dimming	Clips
Red, Green, Blue	Custom Length (10m roll max, cut point per 100mm)	End (Cable Enters End)	ND (Non-Dim)	A35 (Aluminium 35mm)
2.7K (2700K)		Side L (Cable Entry Left)	DD (DALI-Dim)	A35W (Aluminium 35mm Wing)
3K (3000K)		Side R (Cable Entry Right)	DX (DMX)	A1000 (Aluminium 1000mm)
3.5K (3500K)		Bottom (Cable Entry Below)	DS (DSI)	A1000W (Aluminium 1000mm Wing)
4K (4000K)			11 (1-10V)	
6.5K (6500K)				

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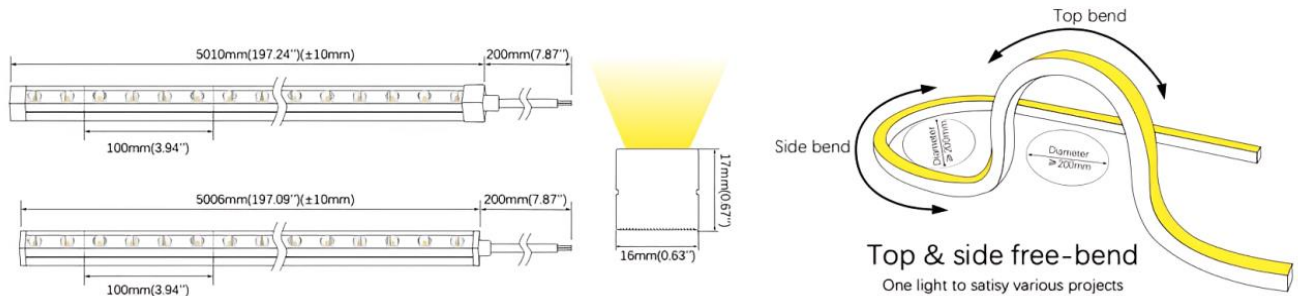


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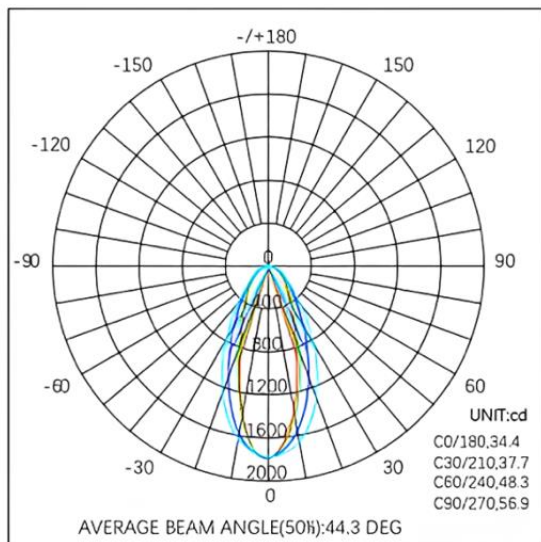


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DIMENSION LINE DIAGRAM



PHOTOMETRICS



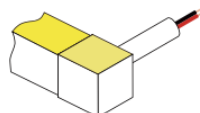
Remark: Output data is from test result of 4000K wall wah light ; Tolerance +10%.

Flux out: 270.6 lm

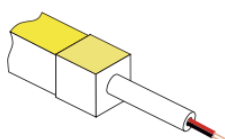
Height	Eavg,Emax	Angle:34.60 deg	Diameter
1m	866.3,1330 lx		62.28 cm
2m	216.6,332.6 lx		124.57 cm
3m	96.25,147.8 lx		186.85 cm
4m	54.14,83.14 lx		249.14 cm
5m	34.65,53.21 lx		311.42 cm
6m	24.06,36.95 lx		373.71 cm
7m	17.68,27.15 lx		435.99 cm
8m	13.54,20.79 lx		498.28 cm
9m	10.69,16.42 lx		560.56 cm
10m	8.663,13.30 lx		622.85 cm

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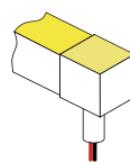
INSTALLATION AND OPTIONAL ACCESSORIES



Silicone end cap for cable side through
N016016-DETS-C



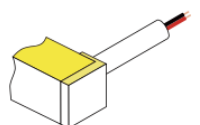
Silicone end cap for cable straight through
N016016-DETS-Z



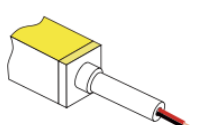
Silicone end cap for cable back through
N016016-DETS-B



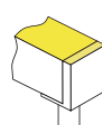
Silicone tail end cap
N016016-DETS-W



Mould pressing cap
for cable side through



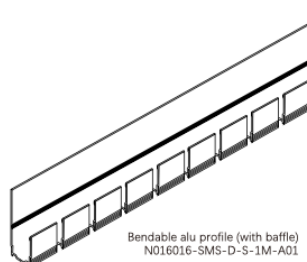
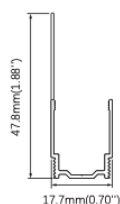
Mould pressing cap
for cable straight through



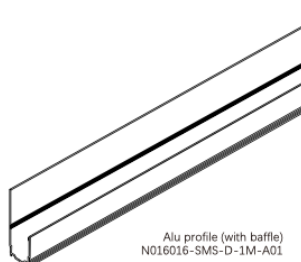
Mould pressing cap
for cable back through



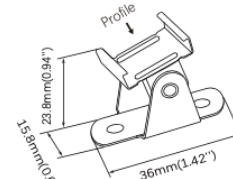
Mould pressing cap end cap



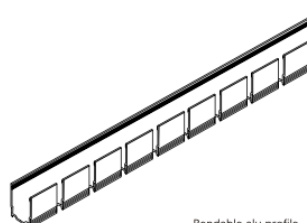
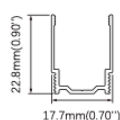
Bendable alu profile (with baffle)
N016016-SMS-D-S-1M-A01



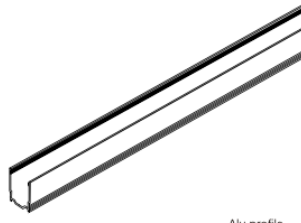
Alu profile (with baffle)
N016016-SMS-D-1M-A01



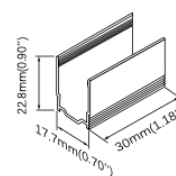
Adjustable bracket (Installation requires matching profile)
CP07-90



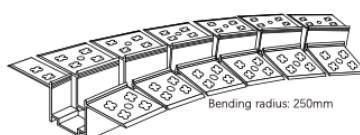
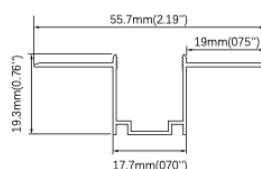
Bendable alu profile
N016016-SMS-S-1M-A01



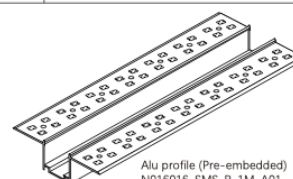
Alu profile
N016016-SMS-1M-A01



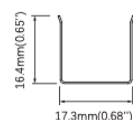
Alu Clip
N016016-SMS-A01



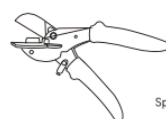
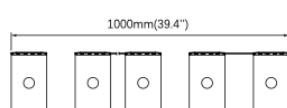
Alu profile (Pre-embedded)
N016016-SMS-R-S-1M-A01



Alu profile (Pre-embedded)
N016016-SMS-R-1M-A01



Stainless steel chain
N016016-SMSS-A01



Special cutter
BV-NS-1

More installation details, please read user manual.

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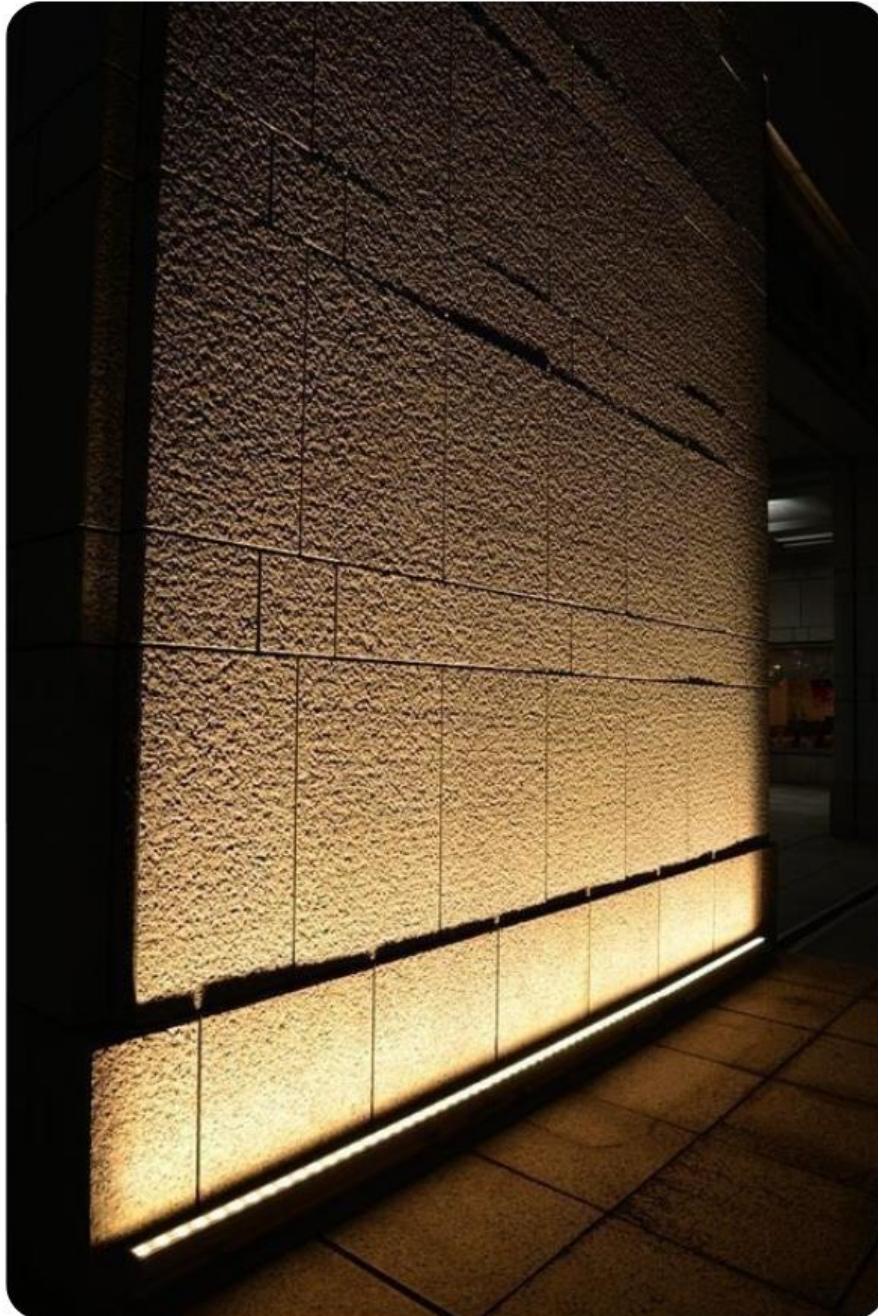


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PRODUCT APPLICATION PHOTOS



V1

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