

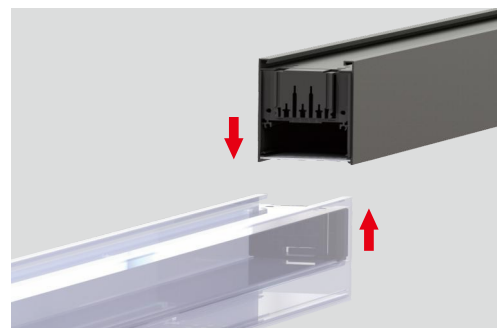
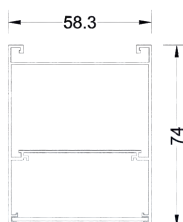


YOU DREAM, WE DO...

## APL58 series

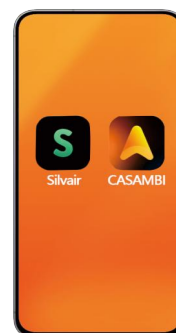
The APL58 Series is a high-performance linear lighting system designed for maximum flexibility, intelligent control, and effortless installation.

With a compact profile of 58mm width and 74mm height, it seamlessly integrates into modern architectural spaces while delivering exceptional functionality.



## Features:

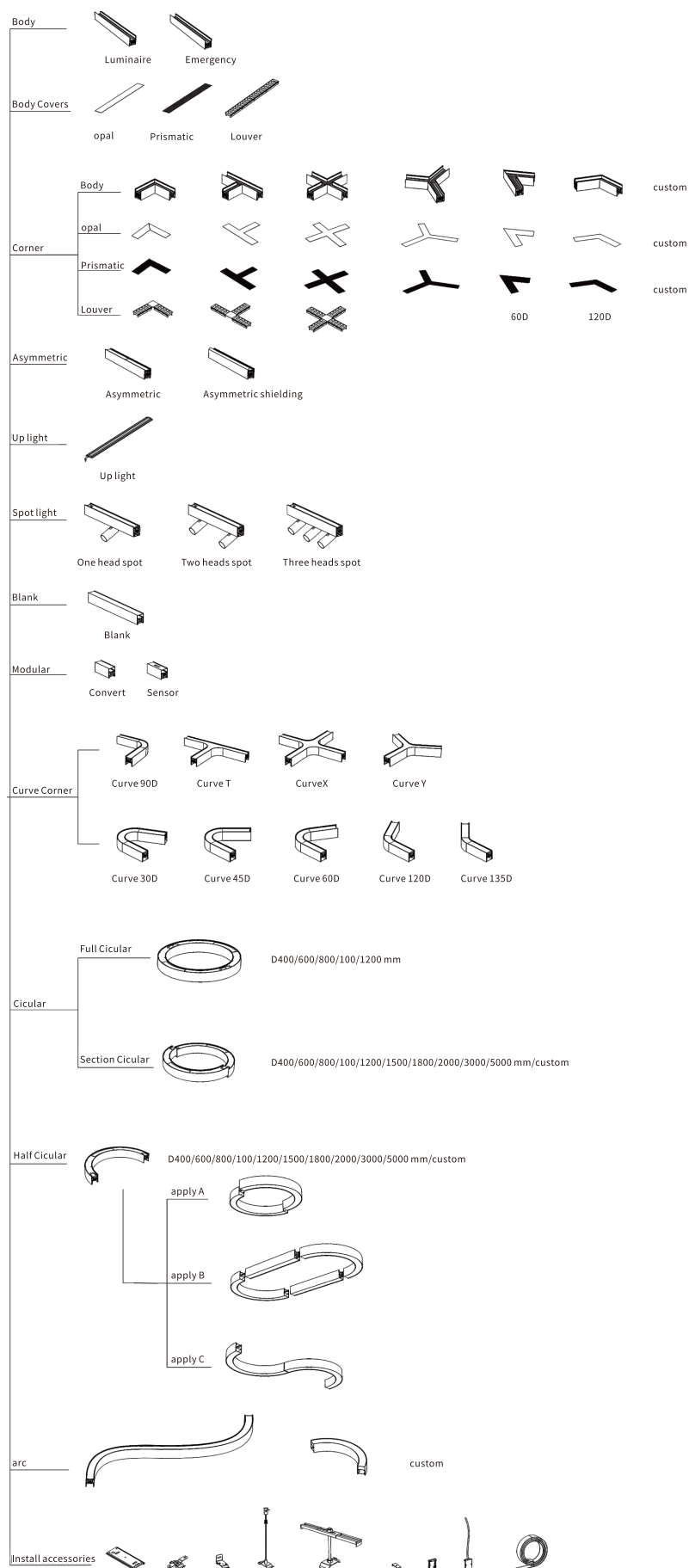
- ◆ Splicing: Ultra-fast connection in under 2 seconds; light-leakage free.
- ◆ Available Lengths: 280 / 560 / 840 / 1120 / 1401 / 1680 / 1820 / 1961 / 2240 mm.
- ◆ Continuous Run: Up to 40m per roll (opal or prismatic optic).
- ◆ Electrical: End-feed AC power supply; supports up to 600W for a clean installation.
- ◆ Performance: Selectable CCT and adjustable output power.
- ◆ Optics: Tool-free interchangeable prismatic, opal, or louver.
- ◆ Control compatibility: on-off, DALI, 1-10V, RGB/RGBW, Casambi, Silvair, Emergency, Sensor-ready.
- ◆ Modular System: Includes slide-in uplight, spot, blank, and sensor modules.
- ◆ Corner Connectivity: Configurable with L, T, X, and bent-angle corners (standard 90° or custom angles).
- ◆ Multiple mounting options: suspended, surface-mounted, wall-mounted, or slat integration.
- ◆ 5 years warranty



Smart solution



## APL58 system



## Common information

|                           |                                                 |
|---------------------------|-------------------------------------------------|
| Voltage                   | 220-240V                                        |
| Single color              | 3000K or 4000K or 5000K                         |
| Three colors              | 3000K   4000K   5000K                           |
| Twin colors               | 3000K   4000K or 3000K   5000K or 4000K   5000K |
| Colour rendering (CRI/Ra) | CRI80   CRI90                                   |
| MacAdam (SDCM)            | 3   5                                           |
| Colour (in finish)        | White   Black or customized                     |
| RAL                       | RAL9003   RAL9005                               |
| Secondary colour          | Silver   Red   Green   Grey                     |
| IP class                  | 20                                              |
| IK rate                   | 06                                              |

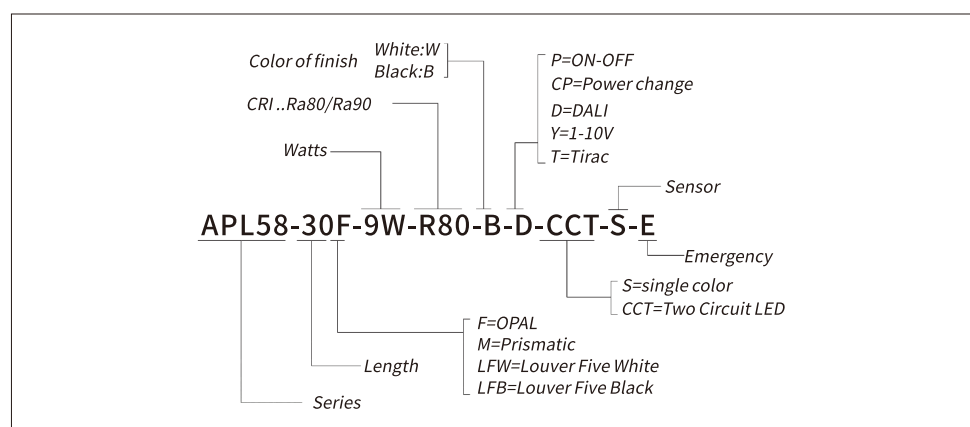
## More information

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Driver control        | ON-OFF   1-10V   DALI   TRIAC   2.4G   CASAMBI   SENSOR |
| Emergency             | 2W 3H                                                   |
| Input voltage         | 220-240V                                                |
| Power factor          | 0.9                                                     |
| Watts by one AC cable | 600W                                                    |
| Linkable inside cable | H05VV-F+20AWG                                           |

## Optical System Comparison Table

| Optical Type             | Efficiency | Beam Angle  | UGR   | Best Application Scenarios                                               |
|--------------------------|------------|-------------|-------|--------------------------------------------------------------------------|
| Prismatic                | 100-150    | 82-85°      | 21-23 | Office, Education (requires good glare control)                          |
| Prismatic (Special film) | 90-100     | 65°         | 19    | Office, Education (requires good glare control)                          |
| Opal                     | 110-160    | 108°        | 24-26 | Retail, Public areas (uniform and soft light)                            |
| Aysmmetric               | 120-150    | 30°         | 21-22 | Wall washing, Shelf lighting (uniform illumination of vertical surfaces) |
| Louver FW (White)        | 90-100     | 91°         | 21-23 | different visual appearance                                              |
| Louver FB (Black)        | 50-60      | 81°         | 19    | Exhibition halls, Art galleries (maximum glare control)                  |
| Spot light               | 80-90      | 24°/36°/60° | 19    | Accent lighting, product display                                         |

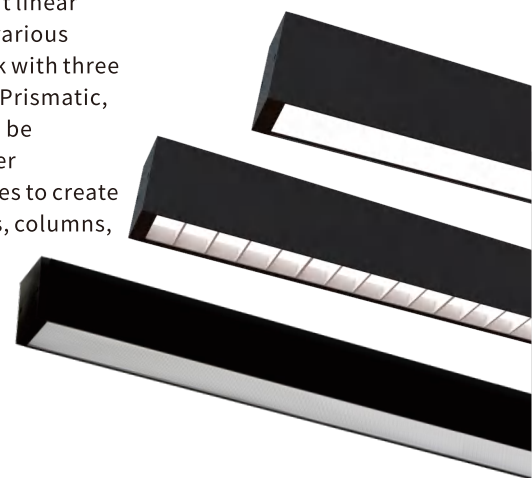
## Product code explanation



## APL58 Series



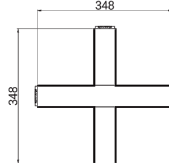
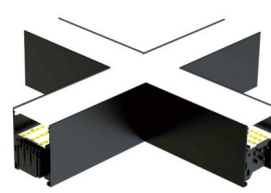
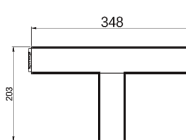
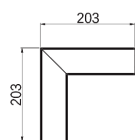
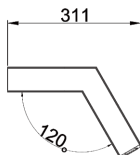
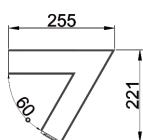
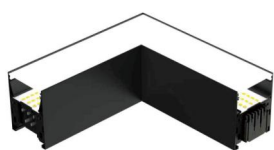
The APL58 Series offers straight linear lighting modules available in various lengths, each designed to work with three interchangeable cover optics (Prismatic, Opal, etc.). These modules can be combined with angled or corner connectors from the same series to create continuous runs around bends, columns, or custom geometric layouts



### APL58 Body with three covers

| Model No.                      | Dimensions   | Single power (W) | Selective power | Voltage & Current | Optics                          | Efficiency      |
|--------------------------------|--------------|------------------|-----------------|-------------------|---------------------------------|-----------------|
| APL58-30□-9W-R80-B-P-CCT-S-E   | 280*58*74mm  | 9                | 9W/6.5W/4.5W    | 36V 250mA         | Opal /<br>Prismatic /<br>Louver | 100-160<br>LM/W |
| APL58-60□-18W-R80-B-P-CCT-S-E  | 560*58*74mm  | 18               | 18W/ 13.5W/9W   | 36V 450mA         |                                 |                 |
| APL58-85□-27W-R80-B-P-CCT-S-E  | 840*58*74mm  | 27               | 27W/20W/13.5W   | 36V 750mA         |                                 |                 |
| APL58-120□-36W-R80-B-P-CCT-S-E | 1120*58*74mm | 36               | 36W/ 27W/18W    | 36V 950mA         |                                 |                 |
| APL58-150□-45W-R80-B-P-CCT-S-E | 1401*58*74mm | 45               | 45W/ 34W/22W    | 40V 1000mA        |                                 |                 |
| APL58-170□-54W-R80-B-P-CCT-S-E | 1681*58*74mm | 54               | 54W/40W/27W     | 36V 1400mA        |                                 |                 |
| APL58-180□-58W-R80-B-P-CCT-S-E | 1821*58*74mm | 58               | 58W/43.5W/29W   | 36V 1500mA        |                                 |                 |
| APL58-200□-63W-R80-B-P-CCT-S-E | 1961*58*74mm | 63               | 63W/47W/31W     | 36V 1600mA        |                                 |                 |
| APL58-220□-72W-R80-B-P-CCT-S-E | 2242*58*74mm | 72               | 72W/54W/36W     | 36V 1800mA        |                                 |                 |

## LTX



| Model No.                     | Dimensions          | Single power (W) | Selective power | Voltage & Current | Optics                          | Efficiency      |
|-------------------------------|---------------------|------------------|-----------------|-------------------|---------------------------------|-----------------|
| APL58-L90D□-10W-B-P-CCT-S-E   | 204*204*58*74mm     | 10               | 10W  7.5W 5W    | 36V 250mA         | Opal /<br>Prismatic /<br>Louver | 100-150<br>LM/W |
| APL58-L60D□-10W-B-P-CCT--S-E  | 255*221*58*74mm     | 10               | 10W  7.5W 5W    | 36V 250mA         |                                 |                 |
| APL58-L120D□-10W-B-P-CCT--S-E | 311*58*74mm         | 10               | 10W  7.5W 5W    | 36V 250mA         |                                 |                 |
| APL58-T□-14W-B-P-CCT-S-E      | 349*204mm*58*74mm   | 14               | 14W 10.5W 7W    | 36V 400mA         |                                 |                 |
| APL58-X□-18W-B-P-CCT-S-E      | 349*349mm*58*74mm   | 18               | 18W 13.5W 9W    | 36V 450mA         |                                 |                 |
| APL58-Y□-27W-B-P-CCT-S-E      | 349*349*349*58*74mm | 27               | 27W 20W 13.5W   | 36V 800mA         |                                 |                 |

## Asymmetric/Asymmetric shielding



Asymmetric Shielding

Asymmetric

The APL58 Asymmetric series offers two glare-controlled options for precision lighting:

- ◆ **Standard Asymmetric (AS)** – Smooth, asymmetrical distribution ideal for wall grazing, retail shelves, and gallery lighting. Directs most light to one side, reducing waste light and improving visual comfort.
- ◆ **Asymmetric with Shield (ASD)** – Adds an integrated baffle for strict glare control. The preferred choice for school blackboard lighting, preventing direct glare while keeping the board bright and evenly lit. Also suitable for office task areas, clean rooms, and other glare-sensitive environments.

| Model No.                     | Dimensions   | Single power (W) | Selective power | Voltage & Current | Optics | Efficiency   |
|-------------------------------|--------------|------------------|-----------------|-------------------|--------|--------------|
| APL58-30AS/ASD-9W-B-P-S-S-E   | 280*58*74mm  | 9                | 9W/6.5W/4.5W    | 36V 220mA         | Lens   | 120-150 LM/W |
| APL58-60AS/ASD-18W-B-P-S-S-E  | 560*58*74mm  | 18               | 18W/ 13.5W/9W   | 36V 450mA         |        |              |
| APL58-90AS/ASD-27W-B-P-S-S-E  | 840*58*74mm  | 27               | 27W/20W/13.5W   | 36V 750mA         |        |              |
| APL58-120AS/ASD-36W-B-P-S-S-E | 1120*58*74mm | 36               | 36W/ 27W/18W    | 36V 950mA         |        |              |
| APL58-150AS/ASD-45W-B-P-S-S-E | 1401*58*74mm | 45               | 45W/ 34W/22W    | 40V 1000mA        |        |              |
| APL58-170AS/ASD-54W-B-P-S-S-E | 1681*58*74mm | 54               | 54W/40W/27W     | 36V 1400mA        |        |              |
| APL58-180AS/ASD-58W-B-P-S-S-E | 1821*58*74mm | 58               | 58W/43.5W/29W   | 36V 1500mA        |        |              |
| APL58-200AS/ASD-63W-B-P-S-S-E | 1961*58*74mm | 63               | 63W/47W/31W     | 36V 1600mA        |        |              |
| APL58-220AS/ASD-72W-B-P-S-S-E | 2242*58*74mm | 72               | 72W/54W/36W     | 36V 1800mA        |        |              |

## Blank Module

The Blank Module is a non-lighting spacer within the APL58 series. It is designed for areas where illumination is not required, allowing seamless integration with lighting modules to create a continuous linear run that combines both lit and unlit sections within the same profile.

| Model No.       | Dimensions   | Linkable cable | Optics |
|-----------------|--------------|----------------|--------|
| APL58-60BK-B/W  | 560*58*74mm  | 5 cores        | Blank  |
| APL58-120BK-B/W | 840*58*74mm  |                |        |
| APL58-150BK-B/W | 1120*58*74mm |                |        |



## UP lighting

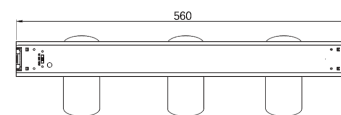
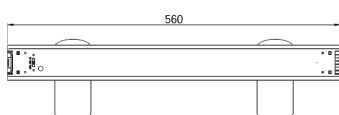
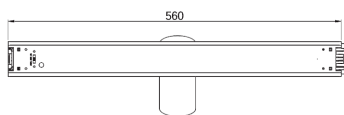
The UP Lighting module is an indirect lighting accessory within the APL58 series. It is designed to be used together with downlight modules (direct lighting) within the same linear profile, creating a dual-direction lighting effect — upward for ambient glow and downward for task or accent illumination



| Model No.         | Dimensions     | Matching size | Optics | Efficiency   |
|-------------------|----------------|---------------|--------|--------------|
| APL58-30UP-F-B/W  | 159*53.6*11mm  | 280*58*74mm   | Opal   | 110-120 LM/W |
| APL58-60UP-F-B/W  | 389*53.6*11mm  | 560*58*74mm   |        |              |
| APL58-90UP-F-B/W  | 629*53.6*11mm  | 840*58*74mm   |        |              |
| APL58-120UP-F-B/W | 909*53.6*11mm  | 1120*58*74mm  |        |              |
| APL58-150UP-F-B/W | 1189*53.6*11mm | 1401*58*74mm  |        |              |
| APL58-170UP-F-B/W | 1469*53.6*11mm | 1681*58*74mm  |        |              |
| APL58-180UP-F-B/W | 1609*53.6*11mm | 1821*58*74mm  |        |              |
| APL58-200UP-F-B/W | 1749*53.6*11mm | 1961*58*74mm  |        |              |
| APL58-220UP-F-B/W | 2022*53.6*11mm | 2242*58*74mm  |        |              |

## Spotlight Module (Spot Light)

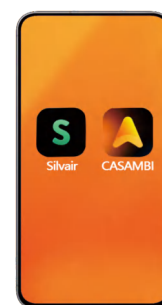
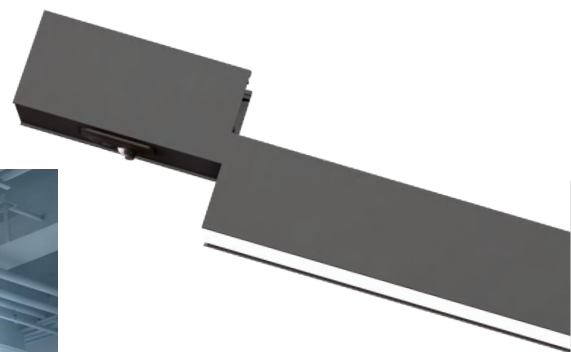
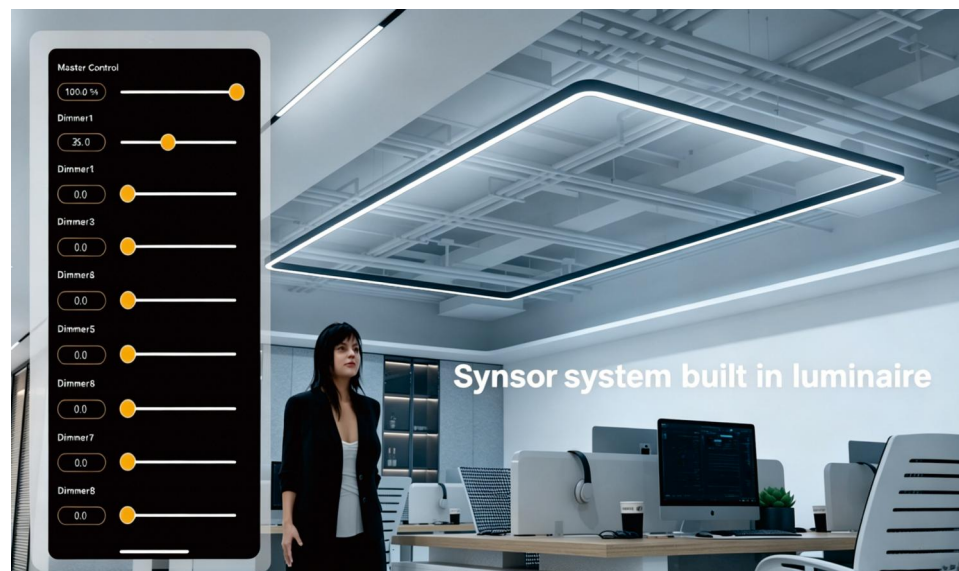
Designed for accent / task lighting as part of the APL58 family. Available in 1-head, 2-head, and 3-head configurations.



| Model No.              | Size of Profile | Size of Spot light | Single power (W) | Voltage & Current | Optics           | Efficiency |
|------------------------|-----------------|--------------------|------------------|-------------------|------------------|------------|
| APL58-1TSP-15W-B-P-CCT | 560*58*74mm     | 51*120             | 15W              | 36V 400mA         | Lens   Reflector | 80-90 LM/W |
| APL58-2TSP-15W-B/W-CCT | 560*58*75mm     | 51*120             | 30W              | 36V 850mA         |                  |            |
| APL58-3TSP-15W-B/W-CCT | 560*58*76mm     | 51*120             | 45W              | 36V 1150mA        |                  |            |

## Smart Modular

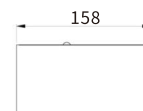
Both modules are part of a quick-splice system for linear lights.  
Shared goal: enable wireless smart lighting without complex wiring.  
Focus on Silvoir and Casambi as the primary application ecosystems.



Smart solution

## Sensor Modular

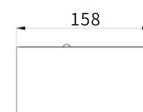
Enables wireless smart control via Silvoir or Casambi (Bluetooth-based protocols).  
Available in multiple models for different protocols (e.g., Bluetooth, DALI System).  
Compatible power supply options: 1-10V, DALI2 DT6/DT8, and DALI System.  
Housing dimensions: 158\*58\*74mm (red/blue variants available).  
Includes remote control capability (depending on model).



| Model No.          | Dimensions  | Protocol  | Application    | Compatible power supply | Sunricher, cupower, Koolmesh, Osram, hynall |
|--------------------|-------------|-----------|----------------|-------------------------|---------------------------------------------|
| APL58S-158-B-S-Y D | 158*58*74mm | Bluetooth | SILVAIR        | 1-10V   DALI2 DT6/ DT8  |                                             |
| APL58S-158-B-C-Y D | 158*58*74mm | Bluetooth | Casambi        | 1-10V   DALI2 DT6/ DT8  |                                             |
| APL58S-158-R-Y     | 158*58*74mm | /         | Remote control | 1-10V                   |                                             |
| APL58S-158-R-D     | 158*58*74mm | /         | DALI System    | DALI                    |                                             |

## Convert Modular

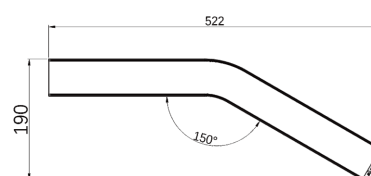
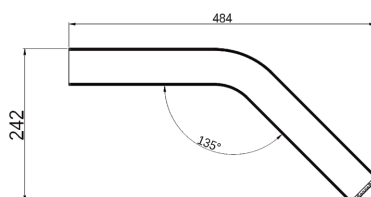
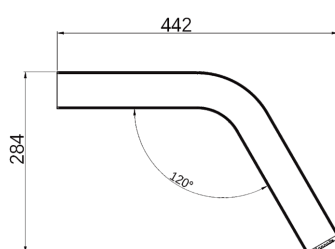
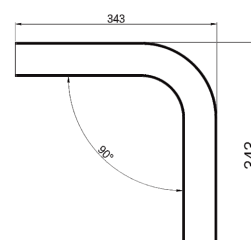
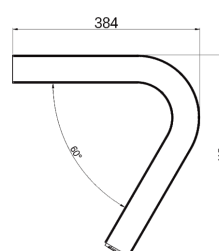
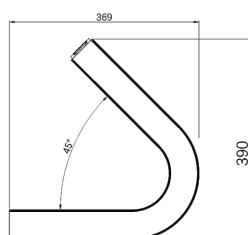
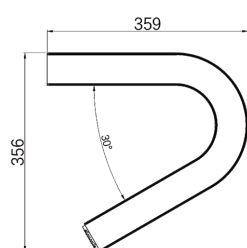
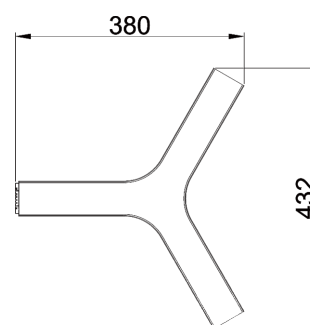
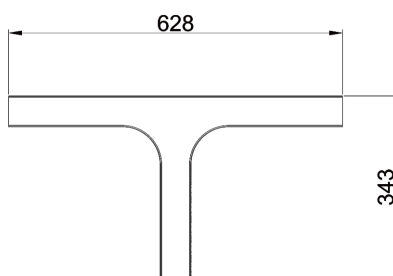
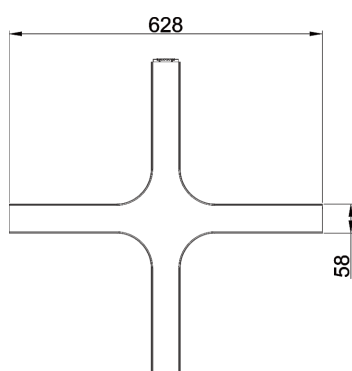
Also supports Silvoir and Casambi (Bluetooth).  
Same compact dimensions: 158\*58\*74mm.  
Compatible with 1-10V and DALI2 DT6/DT8 power supplies.  
Designed to convert standard linear lights into smart, wirelessly controlled luminaires.

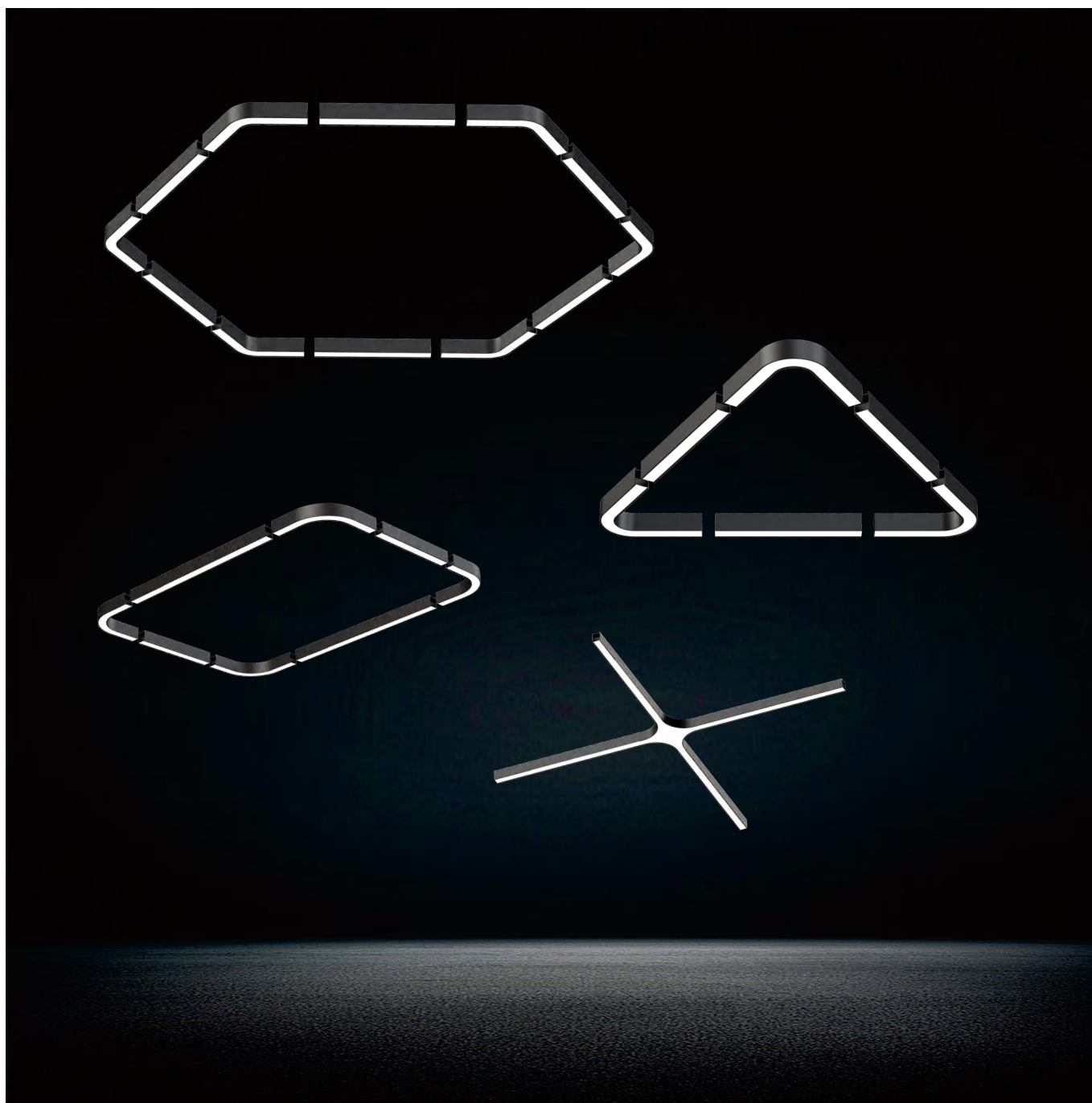


| Model No.          | Dimensions  | Protocol  | Application | Compatible power supply | Sunricher, cupower, hynall |
|--------------------|-------------|-----------|-------------|-------------------------|----------------------------|
| APL58B-158-B-S-Y D | 158*58*74mm | Bluetooth | SILVAIR     | 1-10V   DALI2 DT6/ DT8  |                            |
| APL58B-158-B-C-Y D | 158*58*74mm | Bluetooth | Casambi     | 1-10V   DALI2 DT6/ Dt8  |                            |

## Curve Corners

Designed for seamless corner connections of linear lighting profiles at various angles, enabling smooth light transitions around bends, columns, or curved architectural features. These corners can also be assembled into polygons – including triangles, diamonds, pentagons, and other custom shapes – offering limitless geometric design freedom.

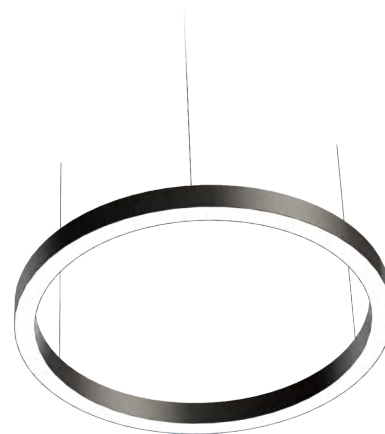




| Model No.                      | Dimensions    | Single power (W) | Selective power | Voltage & Current | Optics              | Efficiency      |
|--------------------------------|---------------|------------------|-----------------|-------------------|---------------------|-----------------|
| APL58-C90DF/M-20W-B/W-S/CCT-P  | 343*343*58*74 | 20W              | 20W  15W 10W    | 36V 500-400-250   | Opal /<br>Prismatic | 100-150<br>LM/W |
| APL58-CTF/M-30W-B/W-S/CCT-P    | 628*343*58*74 | 30W              | 30W  23W 15W    | 36V 800-600-400   |                     |                 |
| APL58-CXF/M-40W-B/W-S/CCT-P    | 628*628*58*74 | 40W              | 40W 30W 20W     | 36V 1050-800-500  |                     |                 |
| APL58-CYF/M-20W-B/W-S/CCT-P    | 380*432*58*74 | 22W              | 22W  17W 11W    | 36V 600-450-300   |                     |                 |
| APL58-C30DF/M-25W-B/W-S/CCT-P  | 359*356*58*74 | 25W              | 25W  19W 13W    | 36V 650-500-350   |                     |                 |
| APL58-C45DF/M-25W-B/W-S/CCT-P  | 369*390*58*74 | 25W              | 25W  19W 13W    | 36V 650-500-350   |                     |                 |
| APL58-C60DF/M-23W-B/W-S/CCT-P  | 384*415*58*74 | 23W              | 23W  18W 12W    | 36V 600-450-300   |                     |                 |
| APL58-C120DF/M-18W-B/W-S/CCT-P | 442*284*58*74 | 18W              | 18W  14W 9W     | 36V 450-350-250   |                     |                 |
| APL58-C135DF/M-18W-B/W-S/CCT-P | 484*282*58*74 | 18W              | 18W  14W 9W     | 36V 450-350-250   |                     |                 |
| APL58-C150DF/M-17W-B/W-S/CCT-P | 522*190*58*74 | 17W              | 17W  13W 9W     | 36V 450-350-250   |                     |                 |

## Full Circular

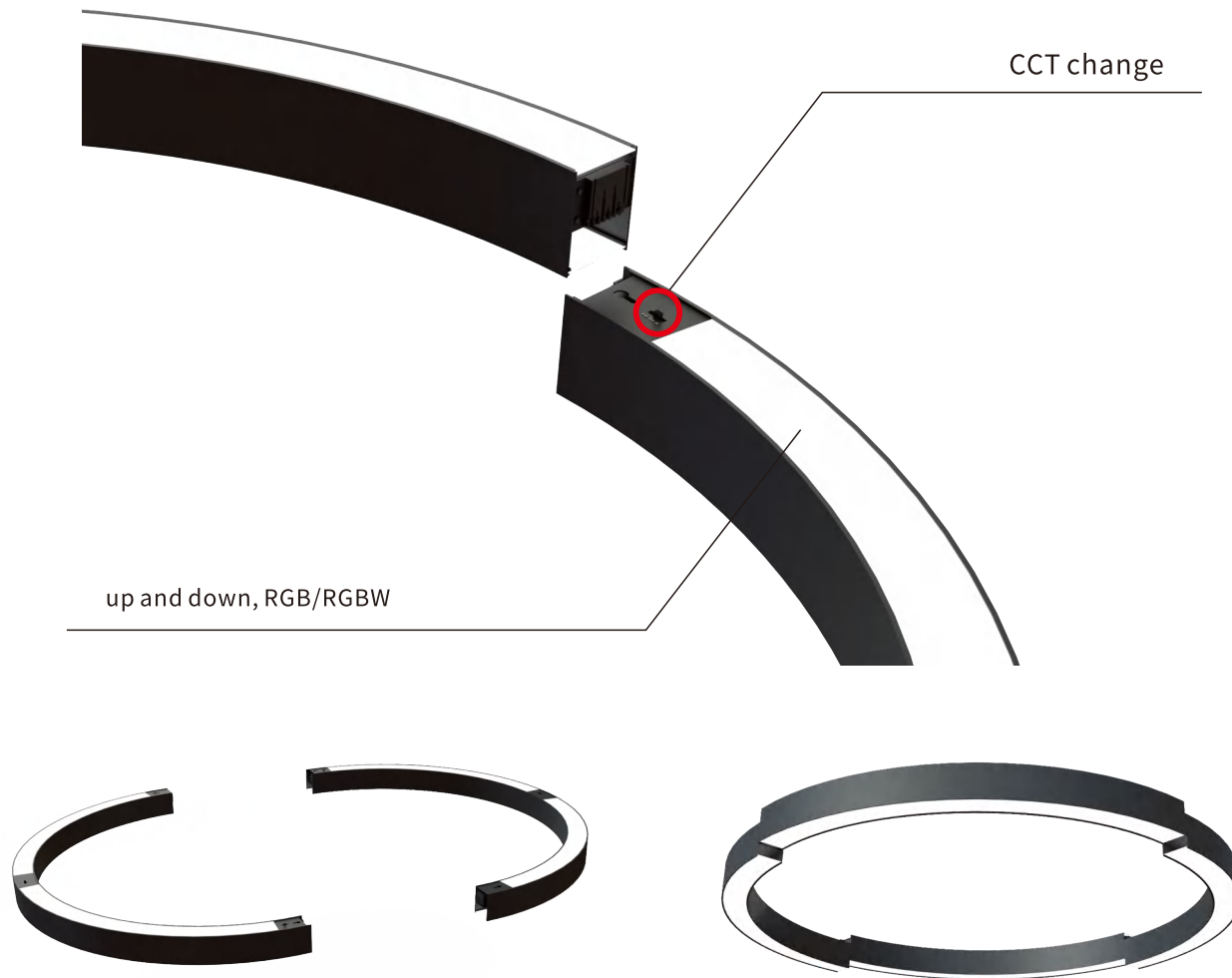
The APL58 Full Circle series is a one-piece, non-segmented circular luminaire providing continuous 360° output with zero visible joints. Optimized for diameters  $\leq 1.2\text{m}$ , this integrated design reduces cost and eliminates assembly compared to multi-segment alternatives. The series is also available in RGB / RGBW variants, supporting full color mixing and tunable white (CCT) control via compatible protocols.



| Model No.       | Size          | Single power (W) | Voltage & Current | Optics | Efficiency   |
|-----------------|---------------|------------------|-------------------|--------|--------------|
| APL58-FRD-D400  | D400*58*74mm  | 40               | 40V 900mA         | Opal   | 100-110 LM/W |
| APL58-FRD-D600  | D600*58*74mm  | 60               | 40V 1350mA        |        |              |
| APL58-FRD-D800  | D800*58*74mm  | 80               | 40V 1800mA        |        |              |
| APL58-FRD-D1000 | D1000*58*75mm | 100              | 40V 2250mA        |        |              |
| APL58-FRD-D1200 | D1200*58*76mm | 120              | 40V 2700mA        |        |              |

## Segmented Ring

The APL58 Segmented Ring is a modular circular lighting system engineered for large diameters. It consists of multiple interlocking arc segments that ship flat to reduce freight costs and assemble rapidly on-site via quick-splice connectors — forming a seamless, continuous full circle. The system is also offered in RGB and RGBW variants, enabling full color mixing and tunable white (CCT) control for versatile architectural and accent lighting applications.



| Model No.       | Size          | Single power (W) | Voltage & Current | Optics | Efficiency   |
|-----------------|---------------|------------------|-------------------|--------|--------------|
| APL58-SRD-D400  | D400*58*74mm  | 40               | 40V 900mA         | Opal   | 100-110 LM/W |
| APL58-SRD-D600  | D600*58*74mm  | 60               | 40V 1350mA        |        |              |
| APL58-SRD-D800  | D800*58*74mm  | 80               | 40V 1800mA        |        |              |
| APL58-SRD-D1000 | D1000*58*75mm | 100              | 40V 2250mA        |        |              |
| APL58-SRD-D1200 | D1200*58*76mm | 120              | 40V 2700mA        |        |              |
| APL58-SRD-D1500 | D1500*58*76mm | 150              | 40V 3350mA        |        |              |
| APL58-SRD-D1800 | D1800*58*76mm | 180              | 40V 4000mA        |        |              |
| APL58-SRD-D2000 | D2000*58*76mm | 200              | 40V 4500mA        |        |              |
| APL58-SRD-D3000 | D3000*58*76mm | 300              | 40V 6700mA        |        |              |
| APL58-SRD-D5000 | D5000*58*76mm | 500              | 40V 11200mA       |        |              |

## Half Circular

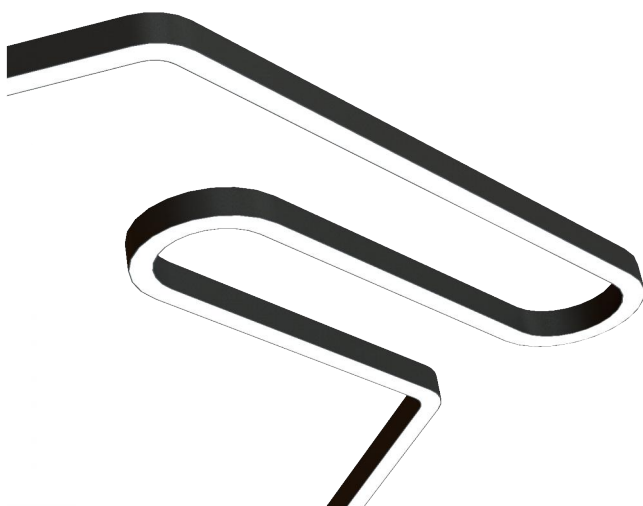
The APL58 Half Circle is a versatile 180° curved module designed for the APL58 system. It can be used individually for semicircular accents or paired with APL58 straight linear modules to create a seamless racetrack (oval) configuration. When two half circles are joined, they also form a complete full circle. Available in RGB / RGBW variants, it delivers dynamic color changing and tunable white, offering unlimited design flexibility for architectural and accent lighting.



| Model No.       | Size          | Single power (W) | Voltage & Current | Optics | Efficiency      |
|-----------------|---------------|------------------|-------------------|--------|-----------------|
| APL58-HRD-D400  | D400*58*74mm  | 20               | 40/550            | Opal   | 100-110<br>LM/W |
| APL58-HRD-D600  | D600*58*74mm  | 30               | 40/800            |        |                 |
| APL58-HRD-D800  | D800*58*74mm  | 40               | 40/1100           |        |                 |
| APL58-HRD-D1000 | D1000*58*75mm | 50               | 40/1100           |        |                 |
| APL58-HRD-D1200 | D1200*58*76mm | 60               | 40/1350           |        |                 |
| APL58-HRD-D1500 | D1500*58*76mm | 75               | 40/1700           |        |                 |
| APL58-HRD-D1800 | D1800*58*76mm | 90               | 40/2000           |        |                 |
| APL58-HRD-D2000 | D2000*58*76mm | 100              | 40/2250           |        |                 |
| APL58-HRD-D3000 | D3000*58*76mm | 150              | 40/3350           |        |                 |

## Custom Freedom by drawing

Custom Freedom by drawing means no more design limits. Whether it's a unique corner angle, a sweeping custom curve, or a completely original layout – you provide the drawing, and we deliver the matching APL58 lighting modules. Think what you want. Draw it. We'll light it.



## Why Choose Custom Freedom?

Total design flexibility – Wavy ceilings, irregular rings, freeform paths.

Seamless integration – Custom modules splice directly with standard APL58 parts.

Same quick-splice system – Tool-free connectors save installation time.

No minimum complexity – One custom angle or a fully unique layout – all possible.

## Typical Applications

Architectural feature lighting – Following unique ceiling or wall contours

Brand shapes – Illuminated logos or brand symbols in retail/corporate spaces

Furniture integration – Custom desk, shelf, or display case outlines

Art installations – Freeform light paths in galleries or public spaces

Custom racetracks – Non-standard ovals, teardrops, or rounded polygons

## How It Works

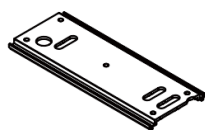
You draw – Sketch, CAD, or even a photo with measurements

We engineer – Create precision-matching curved or angled modules

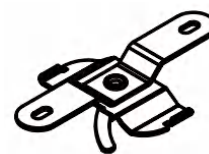
Quick-splice assembly – Same fast, tool-free connection as standard parts

Complete system – Fully compatible with APL58 optics, sensors, power options, and finishes

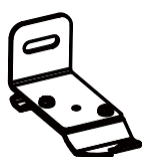
## Install accessories



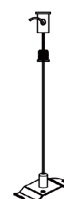
|           |             |
|-----------|-------------|
| Name      | Joint plate |
| Model No. | APL58-JP-KT |
| Length    | 140*55*6.8  |
| QTY       | 1 PC/ Set   |



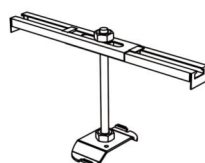
|           |               |
|-----------|---------------|
| Name      | Surface mount |
| Model No. | APL58-SM-KT   |
| QTY       | 2Pcs/Set      |



|           |             |
|-----------|-------------|
| Name      | Wall mount  |
| Model No. | APL58-WM-KT |
| QTY       | 2 Pcs/Set   |



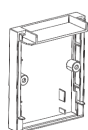
|           |                 |
|-----------|-----------------|
| Name      | Suspension kits |
| Model No. | APL58-SP-KT     |
| Size      | 1.5m/ 3m/5m     |
| QTY       | 2 Pcs/ Set      |



|           |             |
|-----------|-------------|
| Name      | Slat mount  |
| Model No. | APL58-ST-KT |
| QTY       | 2 Pcs/Set   |



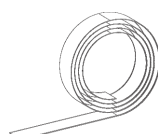
|           |                             |
|-----------|-----------------------------|
| Name      | Suspention kit for up light |
| Model No. | APL58-USP-KT                |
| QTY       | 2 Pcs/ Set                  |



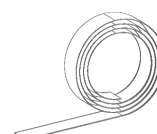
|           |              |
|-----------|--------------|
| Name      | End cap      |
| Model No. | APL58-EP-B/W |



|              |                       |
|--------------|-----------------------|
| Name         | End cap with AC cable |
| Model No.    | APL58-EPC-P/D-B/W     |
| Cable Length | 1.5m/ 3m/5m           |



|           |                      |
|-----------|----------------------|
| Name      | Opal                 |
| Model No. | APL58-Roll-F-20M/40M |



|           |                      |
|-----------|----------------------|
| Name      | Prismatic            |
| Model No. | APL58-Roll-M-20M/40M |