

MPB HP

FEATURES

- Constant current circuit for steady lumen output along the strip.
- Slim and low profiles for elaborate space.
- Supreme consistency in beam spread and dust protection. with UV stabilized diffused cover. IP40.
- Maximized evenness of CCT and brightness by professional bin management.
- Wide range of CCT options (1800K ~ 7000K), Dual white
- HCRI 95 option / HCRI 97 (with R9>85) option with balanced spectrum.
- A short linear increment for precise fitting.
- Rimless, continuous light emission. Pixel free
- Suitable for either surface mount or recessed. • Bespoke option for CCT, CRI, Watt, Wiring and more.

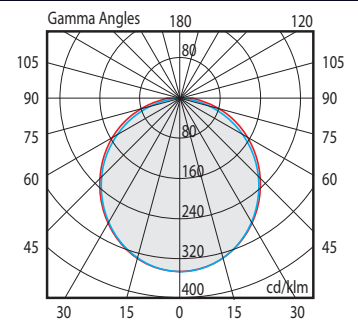
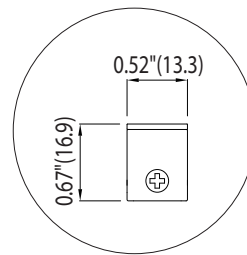


ORDER CODE

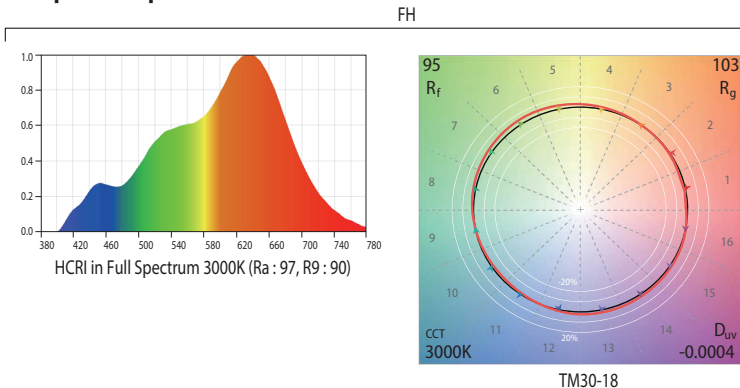
| | | | | | | | | | | | | | | | |
|---------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------|----------------|-----------------------------------------|----------------|------------------|------------------------------------|-------------------------------------------------------------------|----------------|------------------|----------------|------------------------------------|--------------|
| A | 35 H | 1C0 | 24 | 47 | 41 | (M)1931 | MH | RMF | EE | C2 | M | B | MG | 5W/Ft | |
| A | 27H 65H | 1C0 | 24 | 94 | 12 | 3' 8 41/64" | MH | S | F | C2 | M | N | MG | 2757K | |
| ACROSENTEC | CCT, COLOR | CRI | CHIP TYPE (FACTORY CODE) | INPUT VOLT | INCREMENT (mm) | MULTIPLIER | FIXTURE LENGTH | PRODUCT NAME | TYPE OF FEED ON FIXTURE | FEED POSITION | IP RATE | DIFFUSER TYPE | FIXTURE FINISH | MOUNTING | BESPOKE NOTE |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| A | 18 30 42 20 33 45 22 35 50 24 37 55 27 40 65 | (BLANK) H FH HC | * | 24 DC24V | * | * | () (M)* | MH MH: MPB HP | S B RM RMF IM4 IMF4 | E ES EE EF S SE SS SF F FE FF FS | C2 C2: IP40 | M M: DIFFUSED | N B | MG DS MG: MAGNET DS: TAPE | * |
| Blank: CRI 85 H: CRI 95 (typ) FH: CRI 97 (typ) HC: Human Centric | | S: SINGLE END LEAD(LW) B: BOTH END LEAD(LW) RM: RM ON SINGLE END RMF: RM, RF ON EACH END IM4: IM4 ON SINGLE END IMF4: IM4, IF4 ON EACH END | | See the DRAWING A. | | N: NORMAL ANODIZED B: BLACK ANODIZED | | | | | | | | | |

SPECIFICATION

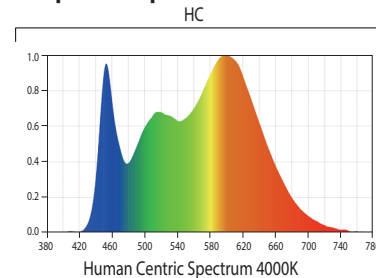
- **Input, Watt** DC24V , 20.3W/3'3.4" (1Meter)
- **Dimming** 0-10, DMX, BT, WIFI
- **Beam Angle** 110°
- **Operation Temp(°F/°C)** Ta : -13~122 / -25~50
- **Expected Life Hours** 60000 Hrs
- **Mounting Accessory** Magnet (MG), Tape (DS)



• FH Spectrum option



• HC Spectrum option

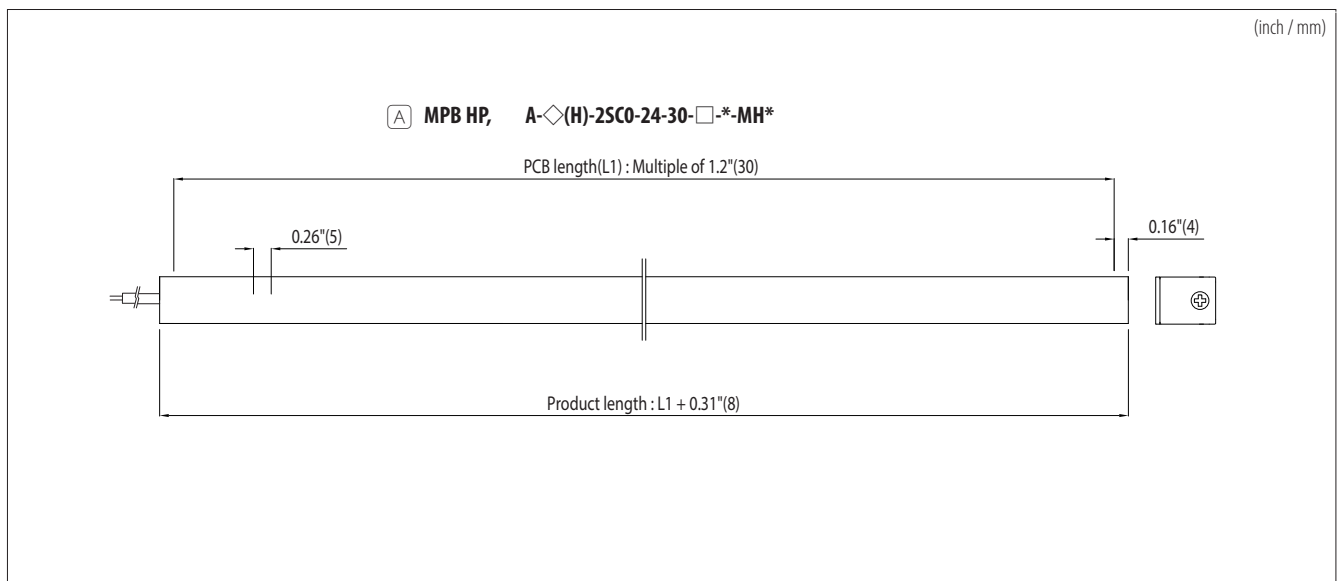


acrosentec

| MPB HP | | A-◇(H)-2SC0-24-30-□-*-MH* | | A-◇(H)◇(H)-1C0-24-60-□-*-MH* | | A-◇(H)-1C0-24-47-□-*-MH* | | A-◇(H)◇(H)-1C0-24-94-□-*-MH* | | A-◇FH-1C0-24-35-□-*-MH* | |
|------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------|------|-------------------------------|-----------|---------------------------------------------|------|---------------------------------|-----------|---------------------------------|------|
| DRAWING ID (See the dimension) | | A | | B | | C | | D | | E | |
| 2 CCT (3 CRI Option) | Normal White | 6500K(95, 85), 5600K(95, 85), 4000K(95, 85) | | | | | | | | 6500K(97), 5600K(97), 4000K(97) | |
| | Warm White | 2450K(90+, 85), 2200K(90+, 85), 2000K(85), 1800K(85) | | | | 3500K(95, 85), 3000K(95, 85), 2700K(95, 85) | | 2700K(95, 85) | | 3500K(97), 3000K(97), 2700K(97) | |
| Lumen / Ft Meter (CRI typ 85) | 6500K, 5600K | - | - | 249 / CCT | 817 / CCT | 580 | 1907 | 291 / CCT | 954 / CCT | - | - |
| | 4000K, 3500K | - | - | 241 / CCT | 789 / CCT | 560 | 1842 | 281 / CCT | 921 / CCT | - | - |
| | 3000K | - | - | - | - | 539 | 1772 | - | - | - | - |
| | 2700K | - | - | - | - | 532 | 1749 | 266 / CCT | 874 / CCT | - | - |
| | 2450K | 389 | 1279 | 195 / CCT | 640 / CCT | - | - | - | - | - | - |
| Lumen / Ft Meter (CRI typ 85) | 2200K | 374 | 1232 | 188 / CCT | 616 / CCT | - | - | - | - | - | - |
| | 2000K | 343 | 1130 | 172 / CCT | 565 / CCT | - | - | - | - | - | - |
| Lumen / Ft Meter (CRI typ 95) | 1800K | 304 | 1001 | 152 / CCT | 500 / CCT | - | - | - | - | - | - |
| | 6500K, 5600K | - | - | 200 / CCT | 657 / CCT | 466 | 1534 | 234 / CCT | 767 / CCT | 410 | 1350 |
| | 4000K, 3500K | - | - | 194 / CCT | 635 / CCT | 450 | 1482 | 226 / CCT | 741 / CCT | 396 | 1304 |
| | 3000K | - | - | - | - | 433 | 1426 | - | - | 381 | 1255 |
| Lumen / Ft Meter (CRI typ 90+) | 2700K | - | - | - | - | 427 | 1406 | 214 / CCT | 703 / CCT | 376 | 1237 |
| | 2450K | 295 | 971 | 148 / CCT | 486 / CCT | - | - | - | - | - | - |
| Power Consumption (Watt) / Ft 1Meter | 2200K | 262 | 862 | 131 / CCT | 431 / CCT | - | - | - | - | - | - |
| | | 6.2 20.3 | | | | | | | | | |
| 5 Input Volt(DC) | | 24V | | | | | | | | | |
| Max PCB length of a single product (ft/mm) (6 PCB increment x 7 Max Multiplier) | | 7' 2.22" / 2190 (30mm x 73) | | 7' 1.0" / 2160 (60mm x 36) | | 7' 2.8" / 2205 (46.9mm x 47) | | 7' 1.0" / 2158 (93.8mm x 23) | | 7' 2.8" / 2205 (35mm x 63) | |
| Max Serial run of PCB (ft/mm) of PCB | | 15' 3.1" / 4650 | | 15' 1.9" / 4650 | | 15' 2.8" / 4644 | | 15' 1.0" / 4597 | | 15' 3.3" / 4655 | |
| 6 Length of PCB increment (inch/mm) | | 1.18" / 30 | | 2.36" / 60 | | 1.85" / 46.9 | | 3.69" / 93.8 | | 1.38" / 35 | |
| 8 Total Product Length (inch/mm) | | PCB length(6 x 7) + 0.31" / 8 | | | | | | | | | |
| Feed Accessory | | 10 TYPE OF FEED ON FIXTURE : RM, RMF, IM4, IMF4, Extension : E-RM, E-RMF, E-IF4, E-IMF4 | | | | | | | | | |
| 11 Power Feed Position | | END, SIDE, FLOOR | | | | | | | | | |
| 14 Fixture Finish | | FIXTURE : ANODIZED, BLACK, COVER : DIFFUSED | | | | | | | | | |
| Temp(°F / °C) Tc | | 149 / 65 | | | | | | | | | |
| Net Wt / Ft (lb) 1Meter(g) | | 0.68 / 310 | | | | | | | | | |

* Data is subject to change without notice for improvement

DIMENSION

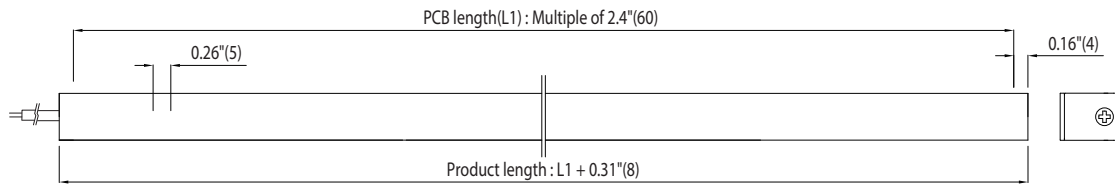


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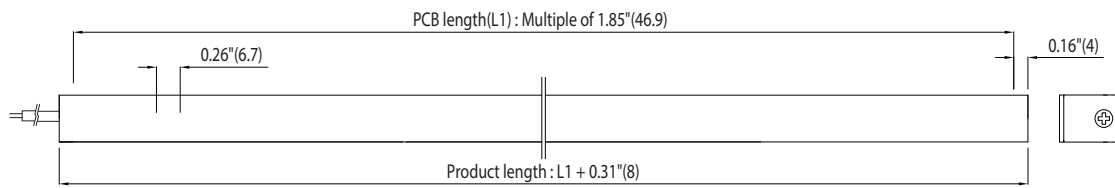
DIMENSION

(inch / mm)

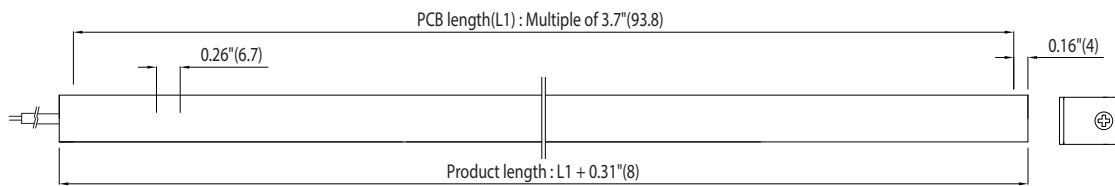
B MPB HP, **A-◆(H)◇(H)-1C0-24-60-□-*-MH***



C MPB HP, **A-◇(H)-1C0-24-47-□-*-MH***



D MPB HP, **A-◆(H)◇(H)-1C0-24-94-□-*-MH***

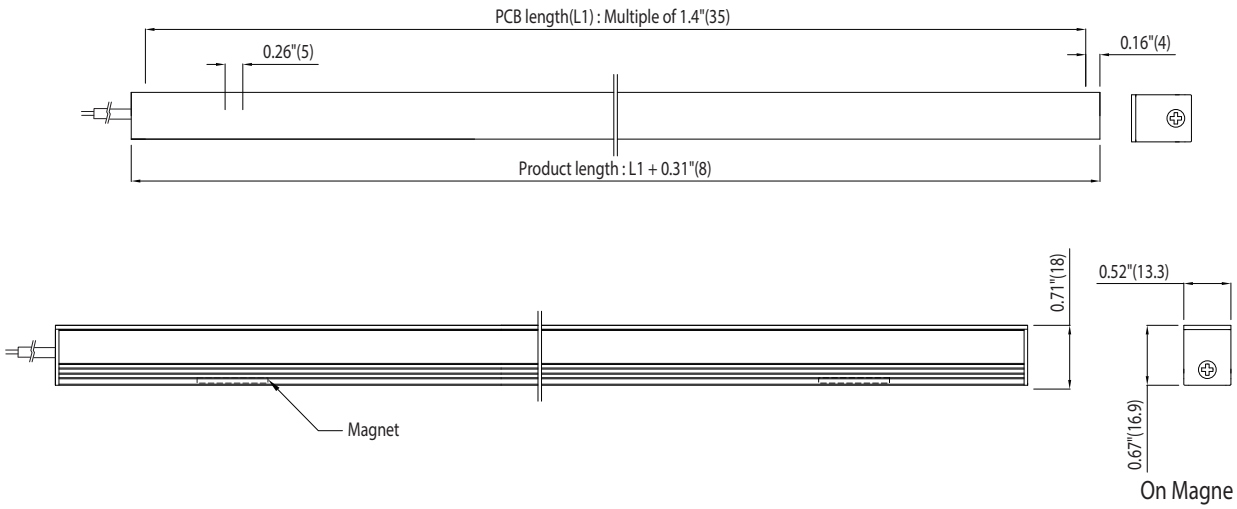


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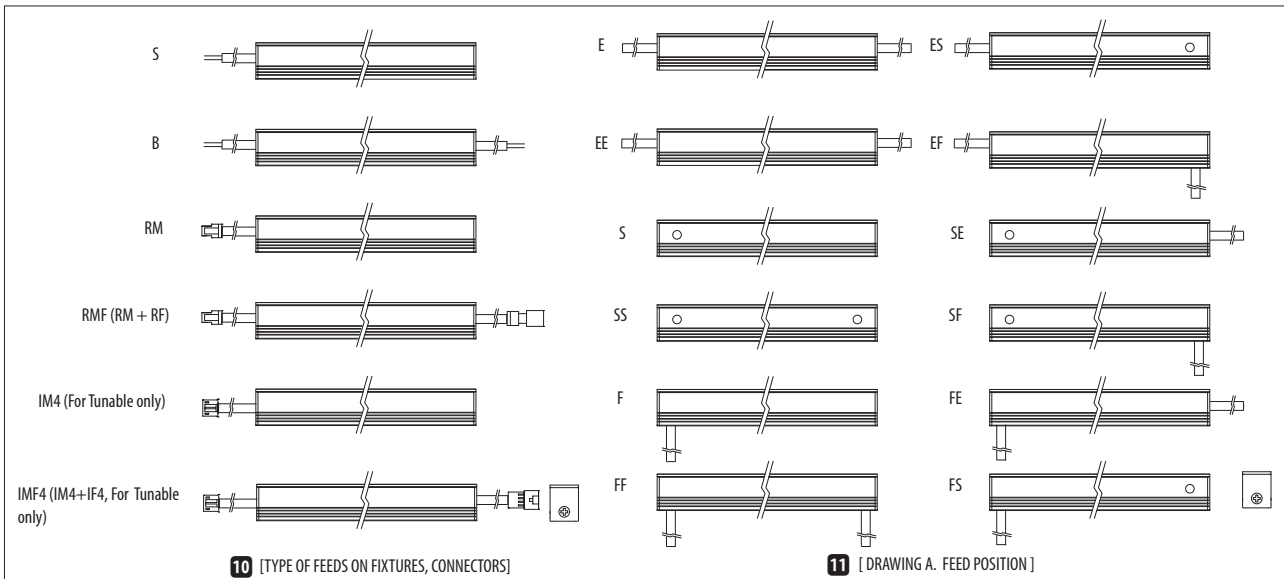
DIMENSION

(inch / mm)

ⓔ MPB HP, A-◇FH-1C0-24-35-□-*-MH*

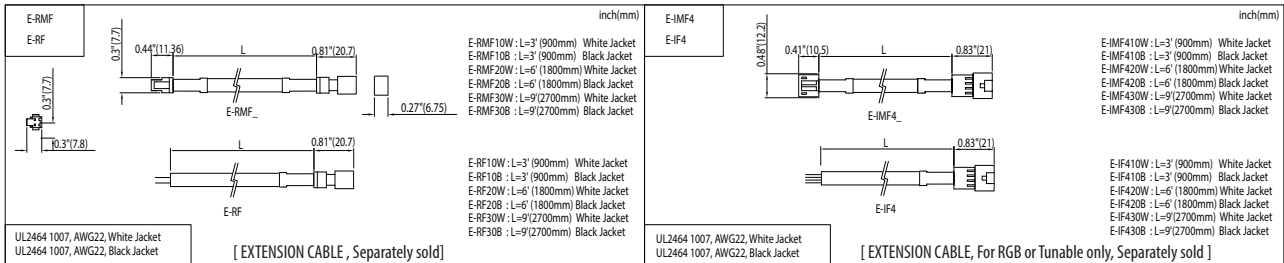


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10 [TYPE OF FEEDS ON FIXTURES, CONNECTORS]

11 [DRAWING A. FEED POSITION]



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