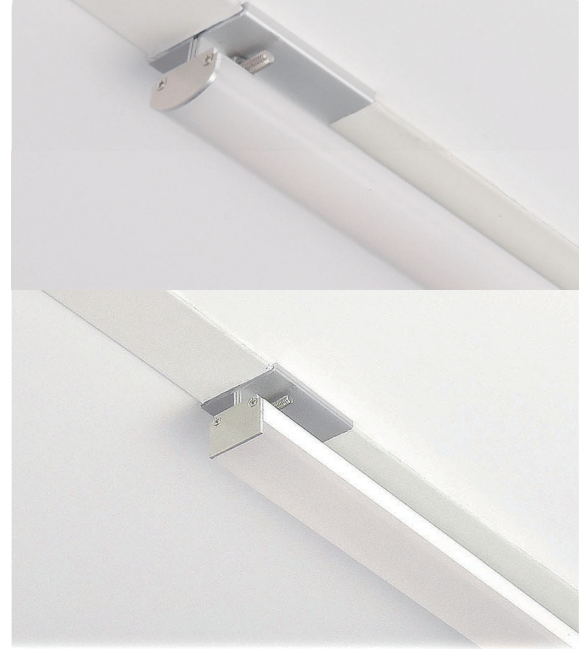


# MPB NEO G, GR

## FEATURES

- Constant current circuit for steady lumen output along the strip.
- Designed to be mounted on ceiling 1" width T grid
- CL2 cable for installation inside ceiling.
- Supreme consistency in beam spread and dust protection with UV stabilized milky diffuser , Pixel free
- IP40
- Maximized evenness of CCT and brightness by professional bin management.
- Wide range of CCT options(2700K ~ 7000K), Dual white
- HCRI 95 option / HCRI 97 option in wider spectrum
- A short increment for precise fitting
- Bespoke option for CCT, CRI, Watt



## PRODUCT DESCRIPTION CODES / SPECIFICATIONS

**A- 27H-1C0-24-47-4- MGSC2**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① **NAME** ..... ACROSENTEC

② **CCT**

<p>Normal White</p> <p>CRI 97, 95</p>	<p>Warm White</p>	<p>Beam Angle</p> <p>120° MG    140° MGR</p>
<p>Normal White</p> <p>CRI 85</p>	<p>Warm White</p>	<p>Beam Angle</p> <p>120° MG    140° MGR</p>

③ **Level of CRI** ..... FH : CRI 97, H : CRI 95, Blank : CRI 85

④ **LED pitch(inch/mm)** ..... Refer to the Dimension

⑤ **Input VOLT(DC)** ..... 24V

⑥ **Length of add-on(inch/mm)** ..... Refer to the table

⑦ **Quantity of add-on** ..... Variable

⑧ **Product model** ..... MG : MPB NEO G, MGR : MPB NEO GR

⑨ **Feed receptacle** ..... S : Single end LW, B : Both ends LW, IM, IMF, IM4, IMF4, RM, RMF, WG3

⑩ **IP Rate** ..... C2 : IP40

**Dimming** ..... PWM, DALI, 0-10, DMX

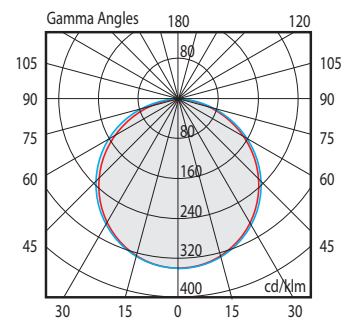
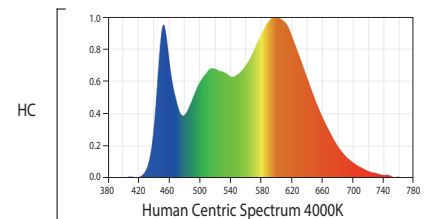
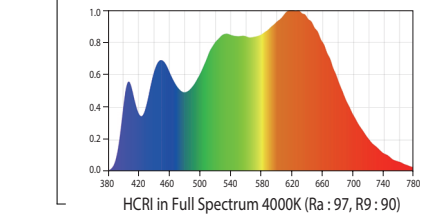
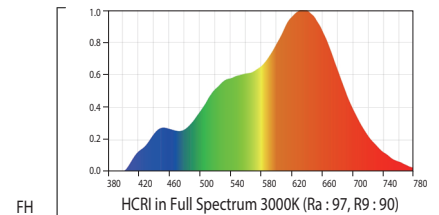
**Beam Angle** ..... 120°

**Operation Temp(°F/°C)** ..... Ta : -13~122 / -25~50

**Expected Life Hours** ..... 60000 Hrs

**Mounting Accessory** ..... MD

- Bespoke option in FH, HC spectrum -

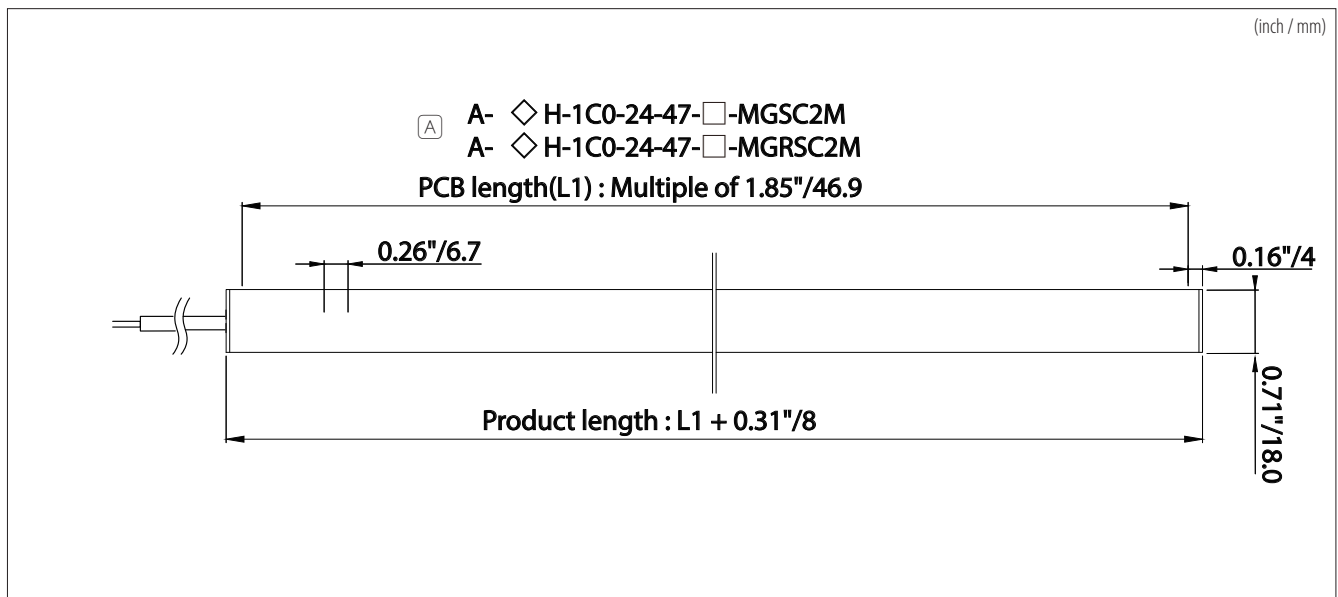


acrosentec

MPB NEO G MPB NEO GR		A-◇(H)-1C0-24-47-□-MGSC2* A-◇(H)-1C0-24-47-□-MGRSC2*	A-◇(H)◇(H)-1C0-24-94-□-MGSC2* A-◇(H)◇(H)-1C0-24-94-□-MGRSC2*		A-FH-1C0-24-35-□-MGSC2* A-FH-1C0-24-35-□-MGRSC2*		
DRAWING ID (See the dimension)		A		B		C	
2 CCT (3 CRI Option)	Normal White	6500K(95, 85), 5600K(95, 85), 4000K(95, 85)				6500K(97), 5600K(97), 4000K(97)	
	Warm White	3500K(95, 85), 3000K(95, 85), 2700K(95, 85)		2700K(95, 85)		3500K(97), 3000K(97), 2700K(97)	
Lumen / Ft   Meter (Normal CRI typ 85)	6500K, 5600K	579	1900	290 / CCT	950 / CCT	-	-
	4000K, 3500K	560	1836	280 / CCT	918 / CCT	-	-
	3000K	538	1765	-	-	-	-
	2700K	531	1742	266 / CCT	871 / CCT	-	-
Lumen / Ft   Meter (High CRI typ 95)	6500K, 5600K	466	1528	233 / CCT	764 / CCT	410	1345
	4000K, 3500K	450	1476	225 / CCT	738 / CCT	396	1299
	3000K	433	1420	-	-	381	1250
	2700K	427	1401	213 / CCT	700 / CCT	376	1233
Power Consumption (Watt) 3' 3.4", 1Meter		6.3   20.5					
5 Input Volt(DC)		24V					
Max PCB length of a single product (ft/mm) (6 PCB increment x 7 Max Multiplier )		6' 7.4" / 2017 (46.9mm x 43)		6' 9.2" / 2063 (93.8mm x 22)		6' 7.9" / 2030 (35mm x 58)	
Max Serial run of PCB (ft/mm) of PCB		13' 10.2" / 4221		13' 10.2" / 4221		13' 9.4" / 4200	
6 Length of PCB increment (inch/mm)		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					
10 Feed Accessory		10 TYPE OF FEED ON FIXTURE : S (Single Lead Wire), WG3, WG5					
Power Feed direction		END / REAR					
14 Fixture Finish		Fixture : Silver, Matt black, Diffuser :Diffused					
Temp(°F / °C) Tc		149 / 65					
Net Wt / Ft (lb)   1Meter(g)		MPB NEO G : 0.82 / 370 , MPB NEO GR : 0.55 / 250					

\* Data is subject to change without notice for improvement

## DIMENSION



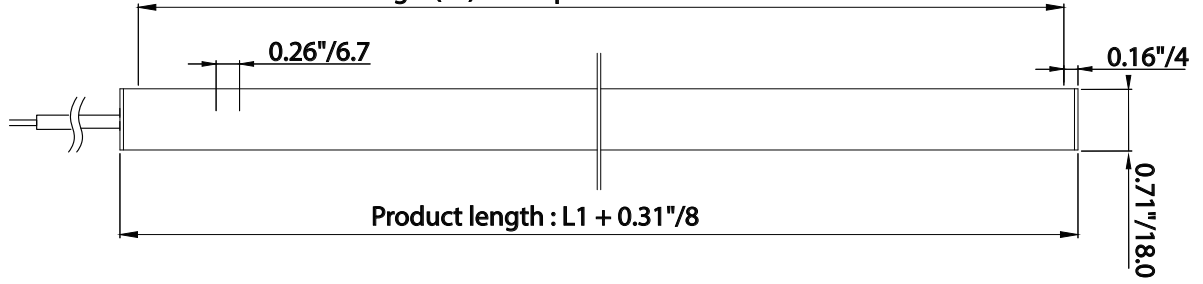
\* Data is subject to change without notice for improvement

# DIMENSION

(inch / mm)

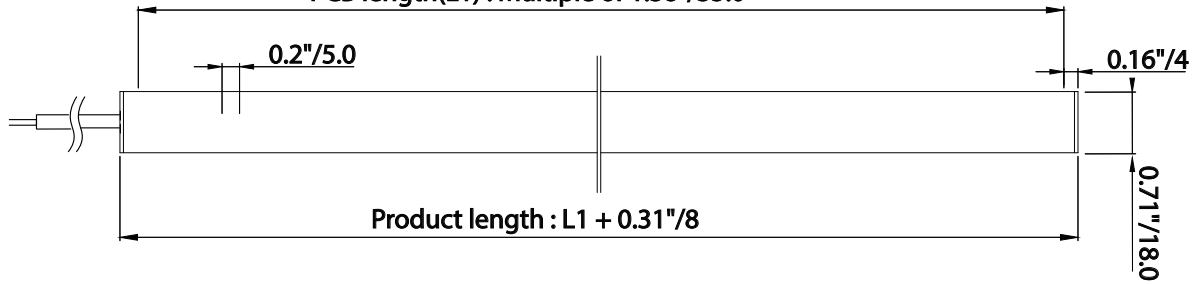
- B** A- ◆ (H) ◇ (H)-1C0-24-94-□-MGSC2M  
 A- ◆ (H) ◇ (H)-1C0-24-94-□-MGRSC2M

PCB length(L1) : Multiple of 3.69"/93.8

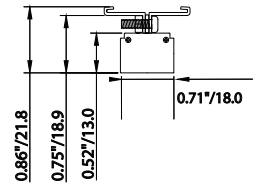


- C** A- ◇ FH-1C0-24-35-□-MGSC2M  
 A- ◇ FH-1C0-24-35-□-MGRSC2M

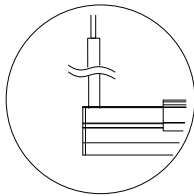
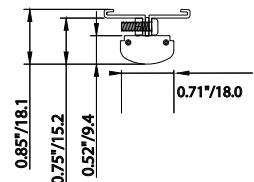
PCB length(L1) : Multiple of 1.38"/35.0



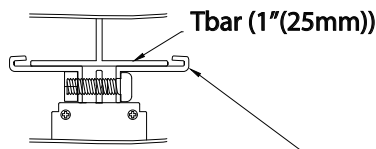
MPB NEO G, \*\* MGSC2M



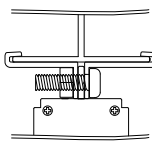
MPB NEO GR, \*\* MGRSC2M



Feed direction option (Bottom)



MD bracket (Fastening on T bar)



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