

MPB NEO



FEATURES

- Constant current circuit for steady lumen output along the strip.
- Slim and low profiles for elaborate space.
- Splendid consistency in beam spread and dust protection with UV stabilized opaque or light opaque cover
- IP Rate IP40
- Maximized evenness of CCT and brightness by professional bin management.
- Wide range of CCT options (1800K ~ 7000K), Dual white, Color (RGB, RGBW)
- HCRI 95 option / HCRI 97 (with R9>85) option in wider spectrum
- A short increment for precise fitting
- Bespoke option for CCT, CRI, Watt



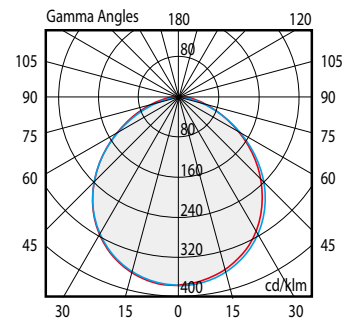
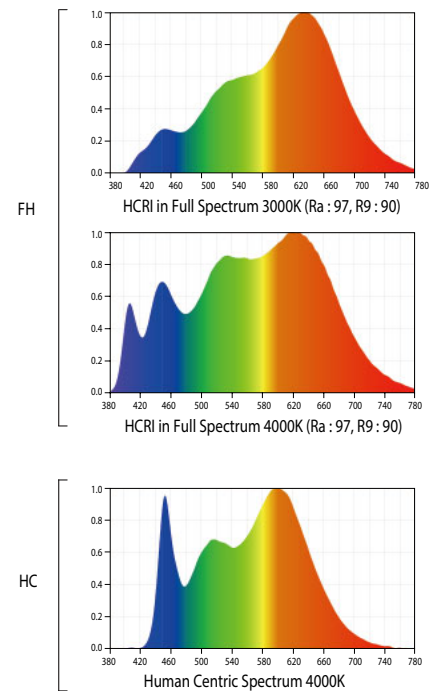
PRODUCT DESCRIPTION CODES / SPECIFICATIONS

A- 27H-1C0-24-50-4- LSC2(M)

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

- ① **NAME** ACROSENTEC
- ② **CCT**
- | | | |
|----------------|------------|------------|
| Normal White | Warm White | Beam Angle |
| | | |
| CRI typ 97, 95 | CRI 90+ | |
| Normal White | Warm White | Beam Angle |
| | | |
| CRI typ 85 | | |
- ③ **Level of CRI** FH : CRI typ 97, H : CRI typ 95, 90+, Blank : CRI typ 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** MPB NEO
- ⑨ **Feed receptacle**..... S : Single end LW, B : Both ends LW ,
RF, RFM, IM, IMF, IM4, IMF4, IM5, IMF5
- ⑩ **IP Rate** C2 : IP40
- ⑪ **Diffuser type** M : Opaque, MS : Light opaque, Blank : Clear
- 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** Bracket (N, NJ), Magnet (MG), Tape (DS)

- Bespoke option in FH, HC spectrum -

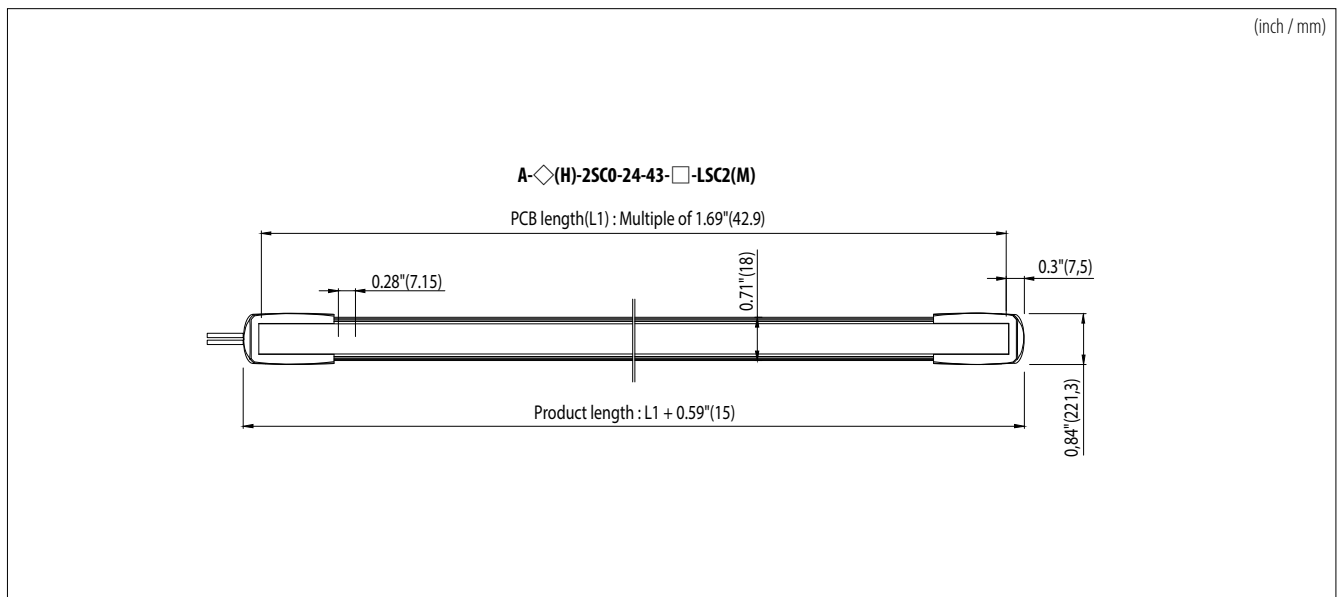


acrosentec

MPB NEO		A-◇(H)-2SC0-24-43-□-LSC2(M)	A-◇(H)-2SC1-24-45-□-LSC2(M)	A-◇(H)-2SC2-24-56-□-LSC2(M)	A-◇(H)-2SC3-24-75-□-LSC2(M)	A-◇(H)-2SC4-24-120-□-LSC2(M)	A-◇(H)-1C0-24-30-□-LSC2(M)
CCT (CRI Option)	Normal White	-					6500K(95, 85) 5600K(95, 85) 4000K(95, 85)
	Warm White	2000K(85), 1800K(85)					3500K(95, 85) 3000K(95, 85) 2700K(95, 85)
Lumen / 3' 3.4", 1MTR (CRI typ 85)	6500K, 5600K	-	-	-	-	-	2902
	4000K, 3500K	-	-	-	-	-	2803
	3000K	-	-	-	-	-	2697
	2700K	-	-	-	-	-	2660
	2450K	-	-	-	-	-	-
	2200K	-	-	-	-	-	-
Lumen / 3' 3.4", 1MTR (CRI typ 85)	2000K	1719	1316	1196	972	658	-
	1800K	1523	1166	1060	861	583	-
Lumen / 3' 3.4", 1MTR (CRI typ 95)	6500K, 5600K	-	-	-	-	-	2334
	4000K, 3500K	-	-	-	-	-	2255
	3000K	-	-	-	-	-	2169
	2700K	-	-	-	-	-	2140
Lumen / 3' 3.4", 1MTR (CRI 90+)	2450K	-	-	-	-	-	-
	2200K	-	-	-	-	-	-
Power Consumption (Watt) 3' 3.4", 1Meter		23.0	17.6	16.0	13	8.8	23
Power Feed direction		END					
Temp(°F / °C)	Tc	149 / 65	140 / 60		135 / 57	127 / 53	149 / 65
Color of Fixture		Fixture : Silver, Matt black, Diffuser : Opaque, Light opaque, Clear					
Net Wt (lb/g) / 3' 3.4", 1Meter		0.55 / 250					
Feed Accessory		RM, IF, IF4 / LW					
Max PCB length of a single product (ft/mm)		6' 5.7" / 1974	6' 6.0" / 1980	6' 5.5" / 1969	6' 7.7" / 2025	6' 8.3" / 2040	6' 6.0" / 1980
Max Serial run of PCB (ft/mm)		12' 9.15" / 3890	16' 4.65" / 4995	16' 4.46" / 4950	16' 4.46" / 4950	16' 1.7" / 4920	11' 9.73" / 3600
Ⓞ Add on PCB Length Option (inch/mm)		1.69" / 42.9	1.77" / 45	2.21" / 56.3	2.95" / 75	4.72" / 120	1.18" / 30
Total Product Length (inch/mm)		PCB length + 0.59" / 15					

* Lumen value is based on with light opaque diffuser. Data is subject to change without notice for improvement

DIMENSION



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MPB NEO		A-◇(H)-1C0-24-50-□-LSC2(M)	A-◇(H)-1C1-24-90-□-LSC2(M)	A-◇(H)-1C1-24-112-□-LSC2(M)	A-◇(H)-1C3-24-150-□-LSC2(M)	A-◇(H)-1C4-24-240-□-LSC2(M)	A-◇(H)◇(H)-1C0-24-86-□-LSC2(M)	A-◇FH-1C0-24-70-□-LSC2(M)
CCT (CRI Option)	Normal White	6500K(95, 85), 5600K(95, 85), 4000K(95, 85)					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) 2450K(90+, 85), 2200K(90+, 85)					2450K(90+, 85), 2200K(90+, 85), 2000K(85), 1800K(85)	3500K(97), 3000K(97), 2700K(97)
Lumen / 3' 3.4", 1MTR (CRI typ 85)	6500K, 5600K	2902	1903	1730	1405	951	1243 / CCT	-
	4000K, 3500K	2803	1838	1671	1357	919	1201 / CCT	-
	3000K	2697	1768	1607	1306	884	-	-
	2700K	2660	1745	1586	1289	872	-	-
	2450K	1946	1489	1354	1100	745	973 / CCT	-
	2200K	1874	1434	1304	1059	717	937 / CCT	-
Lumen / 3' 3.4", 1MTR (CRI typ 85)	2000K	-	-	-	-	-	860 / CCT	-
	1800K	-	-	-	-	-	762 / CCT	-
Lumen / 3' 3.4", 1MTR (CRI typ 95)	6500K, 5600K	2334	1530	1391	1130	765	1000 / CCT	1532
	4000K, 3500K	2255	1478	1344	1092	739	966 / CCT	1444
	3000K	2169	1422	1293	1051	711	-	1410
	2700K	2140	1403	1275	1036	702	-	1325
Lumen / 3' 3.4", 1MTR (CRI 90+)	2450K	1479	1132	1029	836	566	740 / CCT	-
	2200K	1312	1004	913	741	502	656 / CCT	-
Power Consumption (Watt) 3' 3.4", 1Meter		23	17.6	16.0	13	8.8	23	18.8
Power Feed direction		END						
Temp(°F / °C)	Tc	149 / 65	140 / 60		135 / 57	127 / 53	149 / 65	140 / 60
Color of Fixture		Fixture : Silver, Matt black, Diffuser : Opaque, Light opaque, Clear						
Net Wt (lb/g) / 3' 3.4", 1Meter		0.55 / 250						
Feed Accessory		RM, RFM, IF, IMF, IF4, IMF4 / LW						
Max PCB length of a single product (ft/mm)		6' 6.8" / 2000	6' 6.0" / 1980	6' 7.7" / 2025	6' 4.8" / 1950	6' 4.8" / 1950	7' 1.1" / 2160	6' 2.8" / 1960
Max Serial run of PCB (ft/mm)		12' 9.54" / 3900	16' 4.65" / 4995	16' 4.46" / 4950	16' 4.46" / 4950	16' 1.7" / 4920	11' 9.89" / 3604	16' 0.91" / 4900
⊕Add on PCB Length Option (inch/mm)		1.97 / 50	3.54" / 90	4.3" / 112.5	5.91" / 150	9.45" / 240	3.38" / 85.8	2.76" / 70
Total Product Length (inch/mm)		PCB length + 0.59" / 15mm						

* Lumen value is based on with light opaque diffuser. Data is subject to change without notice for improvement

MPB NEO COLOR		A-RGB-3C1-24-50-□-LSC2	A-RGBW(H)-4C2-24-100-□-LSC2	A-RGB-3C2-24-100-□-LSC2
CCT (CRI Option)		-	6500K(85), 5600K(85), 4000K(85), 3000K(85)	-
WD	R	625nm		
	G	525nm		
	B	460nm		
Lumen / 3' 3.4", 1Meter (W)		-	6500K(940), 5600K(940), 4000K(908), 3000K(865)	-
Lumen / 3' 3.4", 1Meter (RGB)		660	429	429
Power Consumption (Watt) / 3' 3.4", 1Meter	RGB	20	13.0	13
	W	-	8.0	-
Power Feed direction		END		
Temp(°F / °C)	Tc	149 / 65	135 / 57	135 / 57
Color of Fixture		Fixture : Silver, Matt black, Diffuser : Opaque, Light opaque, Clear		
Net Wt (lb/g) / 3' 3.4", 1Meter		0.55 / 250		
Feed Accessory		IF4 / LW	IF6 / LW	IF4 / LW
Max PCB length of a single product (ft/mm)		6' 6.8" / 2000	6' 6.8" / 2000	6' 6.8" / 2000
Max Serial run of PCB (ft/mm) of PCB		13' 1.48" / 4000	13' 1.48" / 4000	16' 0.91" / 4900
⊕Add on PCB Length Option (inch/mm)		1.97" / 50	3.94" / 100	3.94" / 100
Total Product Length (inch/mm)		PCB length + 0.59" / 15mm		

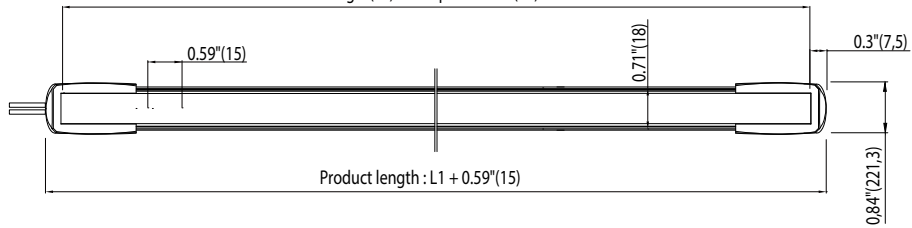
* Lumen value is based on with light opaque diffuser. Data is subject to change without notice for improvement

DIMENSION

(inch / mm)

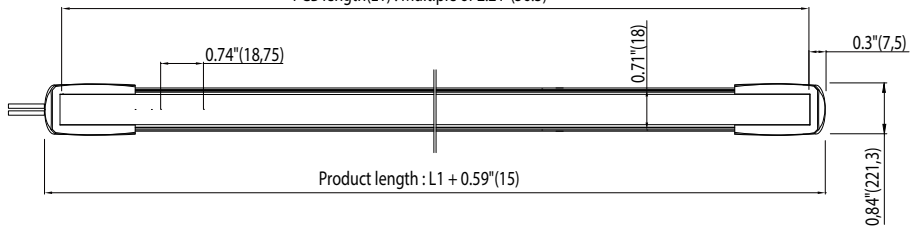
A-◇(H)-2SC1-24-45-□-LSC2(M)

PCB length(L1) : Multiple of 1.77"(45)



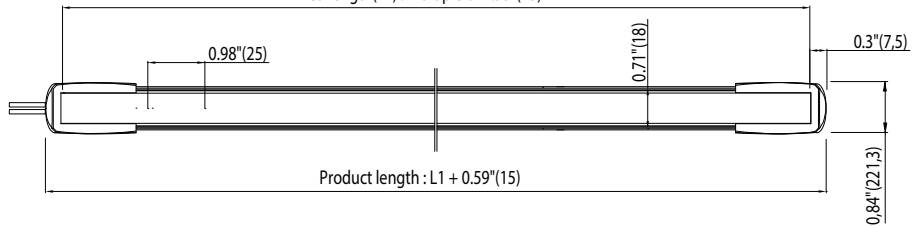
A-◇(H)-2SC2-24-56-□-LSC2(M)

PCB length(L1) : Multiple of 2.21"(56.3)



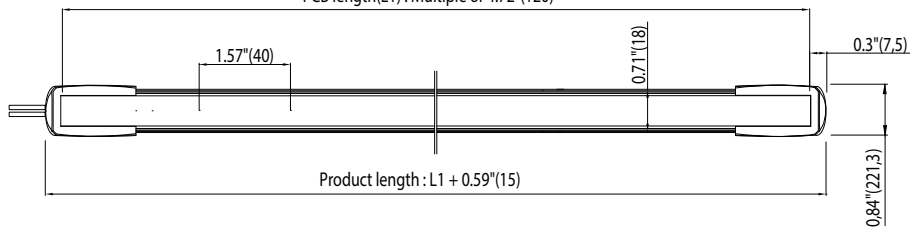
A-◇(H)-2SC3-24-75-□-LSC2(M)

PCB length(L1) : Multiple of 2.95"(75)



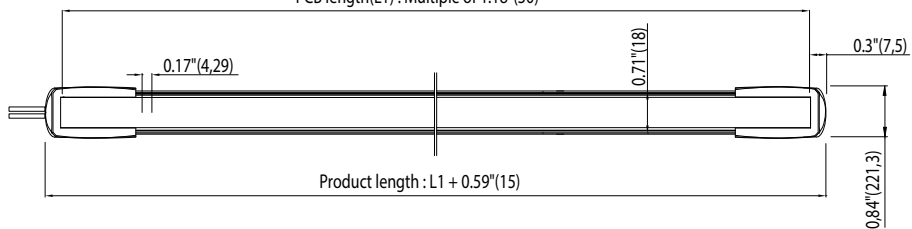
A-◇(H)-2SC4-24-120-□-LSC2(M)

PCB length(L1) : Multiple of 4.72"(120)



A-◇(H)-1C0-24-30-□-LSC2(M)

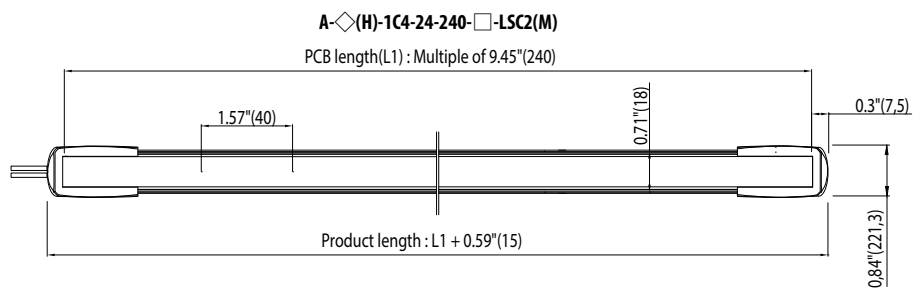
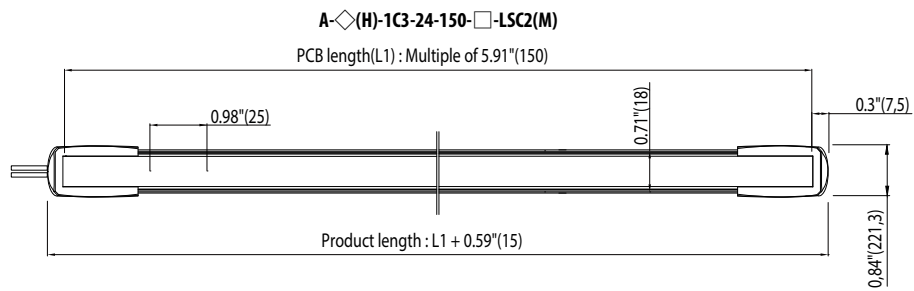
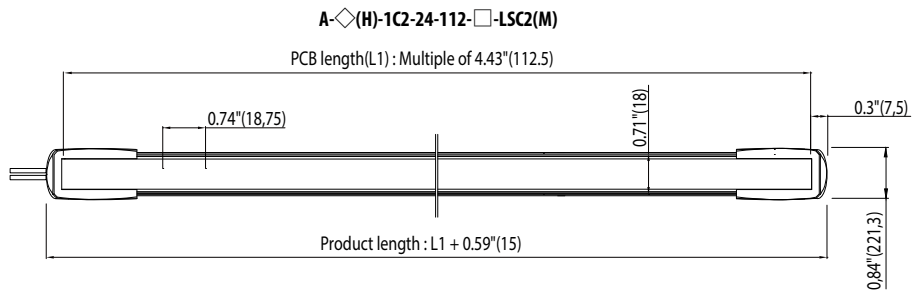
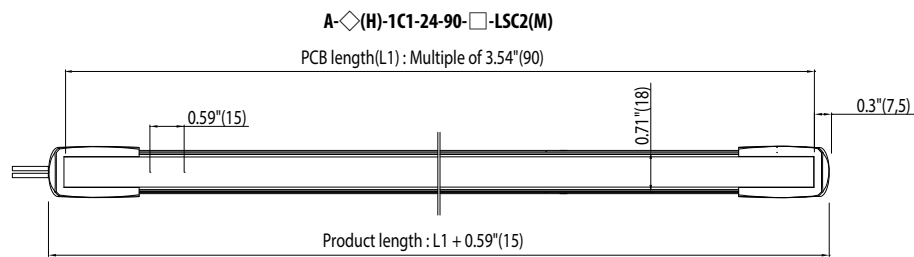
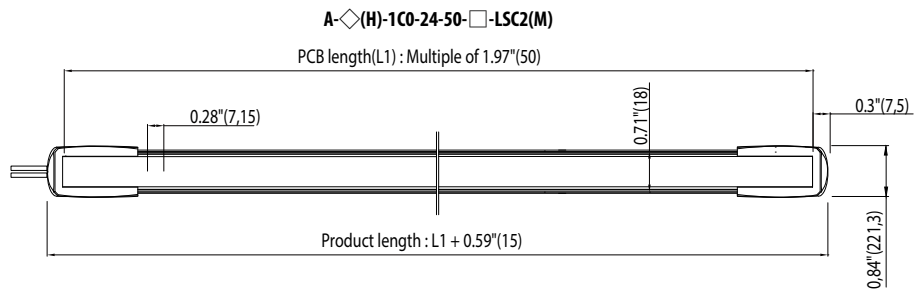
PCB length(L1) : Multiple of 1.18"(30)



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DIMENSION

(inch / mm)



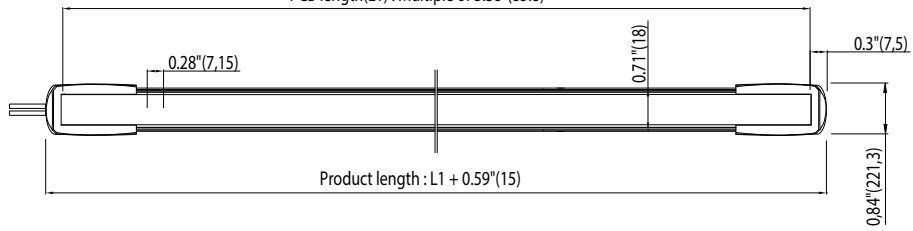
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DIMENSION

(inch / mm)

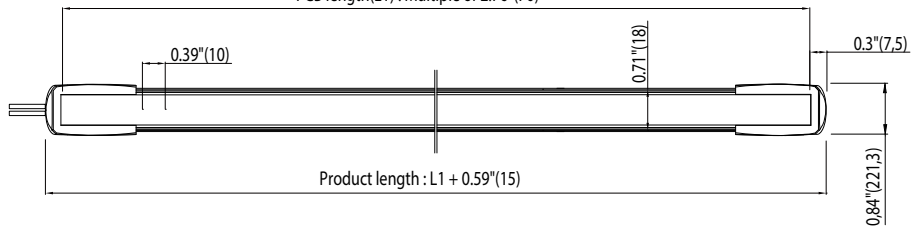
A-◆(H)◇(H)-1C0-24-86-□-LSC2(M)

PCB length(L1) : Multiple of 3.38"(85.8)



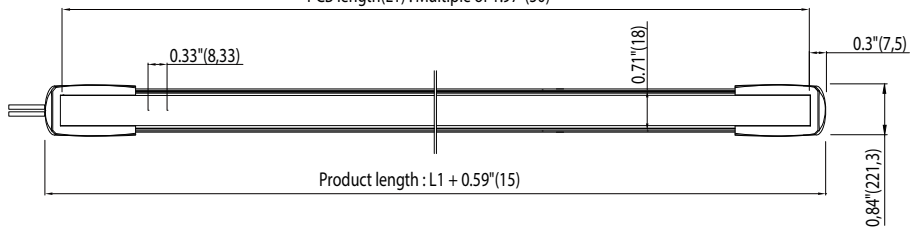
A-◇FH-1C0-24-70-□-LSC2(M)

PCB length(L1) : Multiple of 2.76"(70)



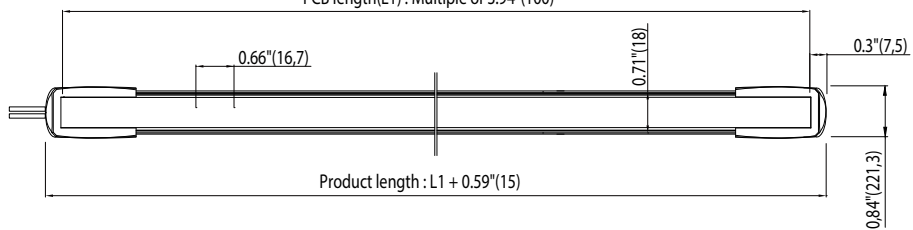
A-RGB-3C1-24-50-□-LSC2(M)

PCB length(L1) : Multiple of 1.97"(50)



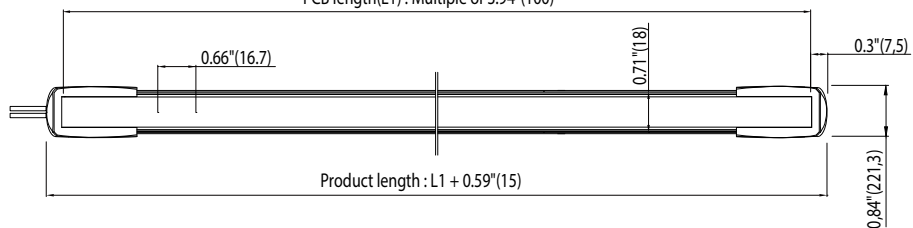
A-RGBW-4C2-24-100-□-LSC2(M)

PCB length(L1) : Multiple of 3.94"(100)



A-RGB-3C2-24-100-□-LSC2(M)

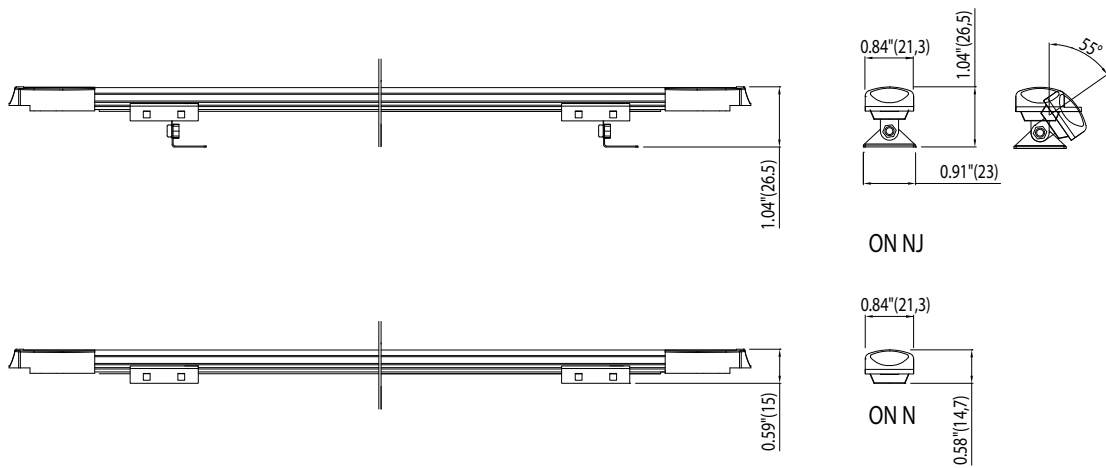
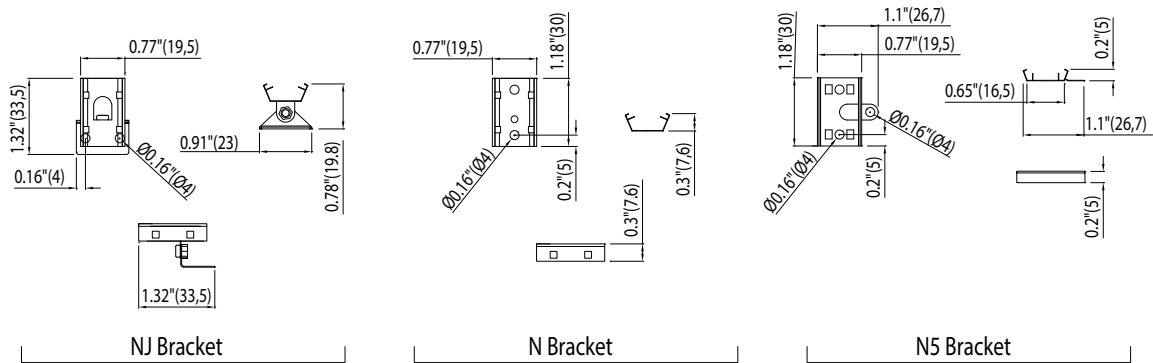
PCB length(L1) : Multiple of 3.94"(100)



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DIMENSION

(inch / mm)



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