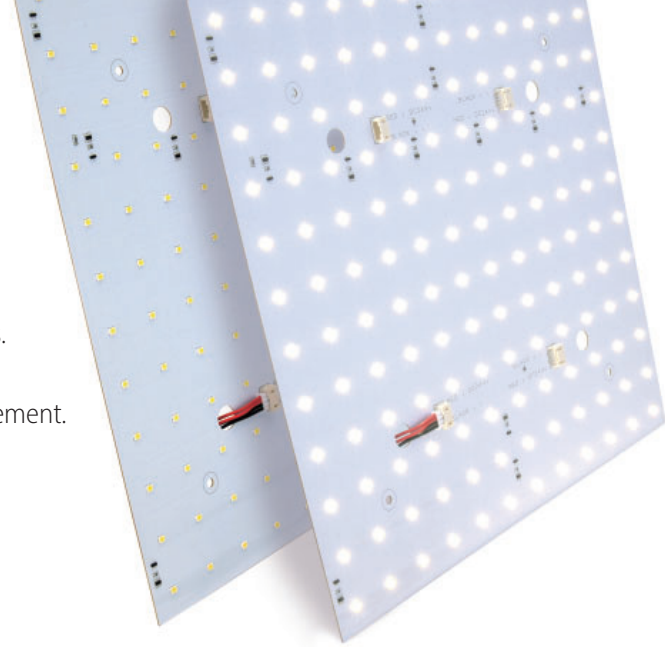


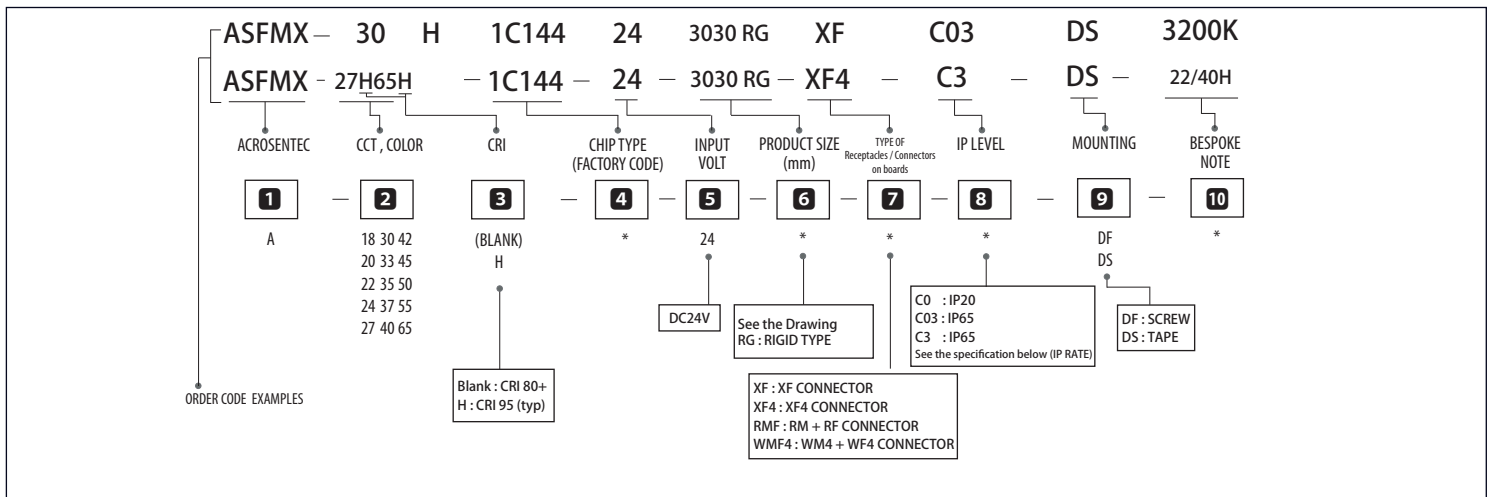
# MATrIX

## FEATURES

- Constant current circuit for steady lumen output along the connections.
- Supreme consistency in beam spread.
- Maximized evenness of CCT and brightness by professional bin management.
- IP20, IP65
- Wide range of CCT options (2200K ~ 7000K).
- Bespoke option for CCT, CRI, Watt and more.



## ORDER CODE



## SPECIFICATION

- **Input, Watt** ..... DC24V , 14.4W (3030RG type)
- **Product Size(inch/mm)** ..... 11.8" x 11.8" / 300 x 300, 7.87" x 7.87" / 200 x 200, 7.87" x 3.94" / 200 x 100  
7.87" x 1.97" / 200 x 50, 1.97" x 1.97" / 50 x 50
- **IP Rate** ..... C0 : IP20  
C03 : IP65 (Conformal coated on boards only )  
C3 : IP65 (Conformal coated on boards with IP65 connectors)
- **Dimming** ..... 0-10, 0-10, DMX, BT, WIFI
- **Beam Angle** ..... 110°
- **Operation Temp(°F/°C)** ..... Ta : -13~122 / -25~50
- **Expected Life Hours** ..... 60000 Hrs
- **Mounting Accessory** ..... Screw(DF), Tape(DS)

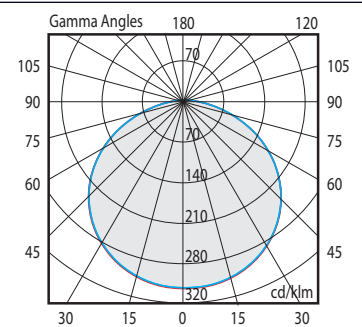
### Color Temperature



CRI typ 95



CRI typ 85



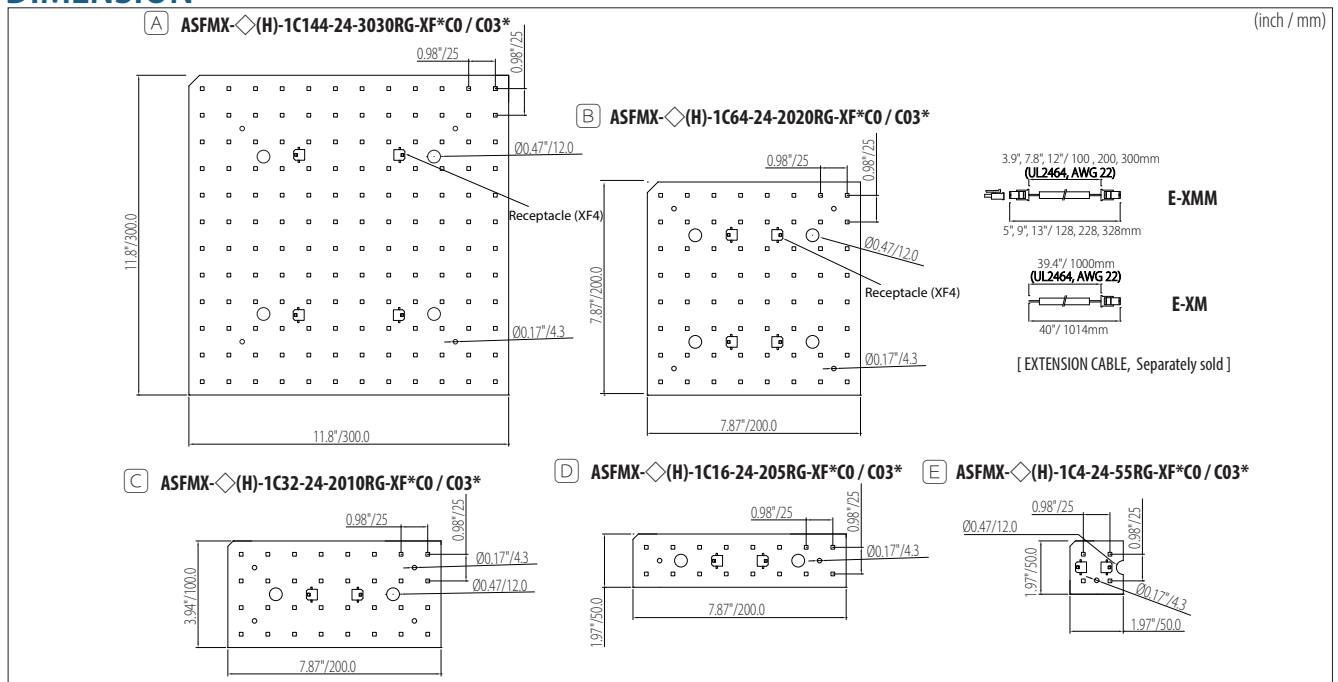
acrosentec

MATRIX	ASF $\diamond$ MX- $\diamond$ (H)-1C144-24-3030RG-XF*	ASF $\diamond$ MX- $\diamond$ (H)-1C64-24-2020RG-XF*	ASF $\diamond$ MX- $\diamond$ (H)-1C32-24-2010RG-XF*	ASF $\diamond$ MX- $\diamond$ (H)-1C16-24-205RG-XF*	ASF $\diamond$ MX- $\diamond$ (H)-1C4-24-55RG-XF*	
	ASF $\diamond$ MX- $\diamond$ (H)-1C144-24-3030RG-RFM*	ASF $\diamond$ MX- $\diamond$ (H)-1C64-24-2020RG-RFM*	ASF $\diamond$ MX- $\diamond$ (H)-1C32-24-2010RG-RFM*	ASF $\diamond$ MX- $\diamond$ (H)-1C16-24-205RG-RFM*	ASF $\diamond$ MX- $\diamond$ (H)-1C4-24-55RG-RFM*	
	ASF $\diamond$ MX- $\diamond$ (H)-1C144-24-3030RG-WMF4C3*	ASF $\diamond$ MX- $\diamond$ (H)-1C64-24-2020RG-WMF4C3*	ASF $\diamond$ MX- $\diamond$ (H)-1C32-24-2010RG-WMF4C3*	ASF $\diamond$ MX- $\diamond$ (H)-1C16-24-205RG-WMF4C3*	ASF $\diamond$ MX- $\diamond$ (H)-1C4-24-55RG-WMF4C3*	
	(A) (F) (K)	(B) (G) (L)	(C) (H) (M)	(D) (I) (N)	(E) (J) (O)	
DRAWING ID (See the dimension)						
Lumen / module (CRI typ 85)	6500K, 5600K	1728	791	392	196	46
	4000K, 3500K	1669	764	379	190	44
	3000K	1605	734	365	182	42
	2700K	1585	725	360	180	42
Lumen / module (CRI typ 95)	6500K, 5600K	1389	636	315	158	37
	4000K, 3500K	1343	614	305	152	35
	3000K	1291	591	293	147	34
	2700K	1274	583	289	145	34
Power Consumption (Watt)	14.4	6.7	3.6	1.8	0.6	
Input Volt(DC)	7 TYPE OF RECEPTACLE, FEED ON BOARD : XF, RM, RMF, WM4, WMF4, EXTENSION : E-XMM, E-XM, E-RMF, E-EM, EWMF4, E-WM4					
LED q'ty(EA)	144	64	32	16	4	
Max linkable quantity per feed(EA)	5	8	10	15	15	
Net Wt (lb/g)	0.42 / 190	0.20 / 90	0.11 / 50	0.07 / 30	0.03 / 15	

MATRIX tunable W.	ASF $\diamond$ MX- $\diamond$ (H) $\diamond$ (H)-1C144-24-3030RG-XF4*	ASF $\diamond$ MX- $\diamond$ (H) $\diamond$ (H)-1C64-24-2020RG-XF4*	ASF $\diamond$ MX- $\diamond$ (H) $\diamond$ (H)-1C32-24-2010RG-XF4*	ASF $\diamond$ MX- $\diamond$ (H) $\diamond$ (H)-1C16-24-205RG-XF4*	ASF $\diamond$ MX- $\diamond$ (H) $\diamond$ (H)-1C4-24-55RG-XF4*	
	ASF $\diamond$ MX- $\diamond$ (H) $\diamond$ (H)-1C144-24-3030RG-WMF4C3*	ASF $\diamond$ MX- $\diamond$ (H) $\diamond$ (H)-1C64-24-2020RG-WMF4C3*	ASF $\diamond$ MX- $\diamond$ (H) $\diamond$ (H)-1C32-24-2010RG-WMF4C3*	ASF $\diamond$ MX- $\diamond$ (H) $\diamond$ (H)-1C16-24-205RG-WMF4C3*	ASF $\diamond$ MX- $\diamond$ (H) $\diamond$ (H)-1C4-24-55RG-WMF4C3*	
	(P) (U)	(Q) (V)	(R) (W)	(S) (X)	(T) (Y)	
	DRAWING ID (See the dimension)					
Lumen / module (CRI typ 85)	6500K, 5600K	864 / CCT	396 / CCT	196 / CCT	98 / CCT	23 / CCT
	4000K, 3500K	835 / CCT	382 / CCT	190 / CCT	95 / CCT	22 / CCT
	3000K	803 / CCT	367 / CCT	183 / CCT	91 / CCT	21 / CCT
	2700K	793 / CCT	363 / CCT	180 / CCT	90 / CCT	21 / CCT
Lumen / module (CRI typ 95)	6500K, 5600K	695 / CCT	318 / CCT	158 / CCT	79 / CCT	19 / CCT
	4000K, 3500K	672 / CCT	307 / CCT	153 / CCT	76 / CCT	18 / CCT
	3000K	646 / CCT	296 / CCT	147 / CCT	74 / CCT	17 / CCT
	2700K	637 / CCT	292 / CCT	145 / CCT	73 / CCT	17 / CCT
Power Consumption (Watt)	14.4	6.7	3.6	1.8	0.6	
Input Volt(DC)	7 TYPE OF RECEPTACLE, FEED ON BOARD : XF4, WMF4, WM4, EXTENSION : EWMF4, E-WF4					
LED q'ty(EA)	144 X 2	64 X 2	32 X 2	16 X 2	4 X 2	
Max linkable quantity per feed(EA)	5	8	10	15	15	
Net Wt (lb/g)	0.42 / 190	0.20 / 90	0.11 / 50	0.07 / 30	0.03 / 15	

\* Data is subject to change without notice for improvement

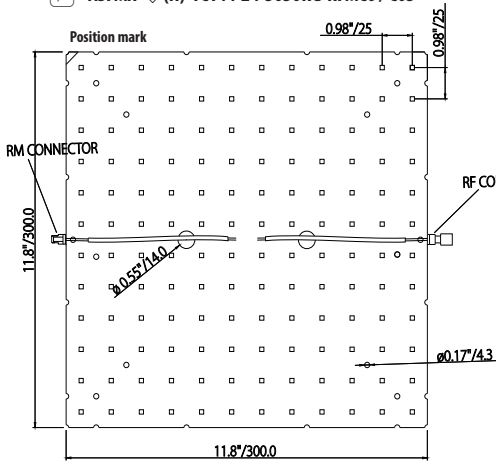
## DIMENSION



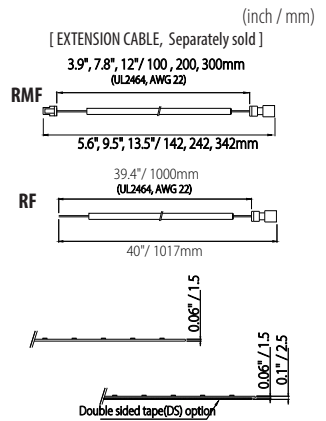
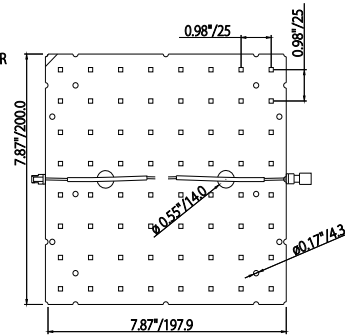
\* Data is subject to change without notice for improvement

# DIMENSION

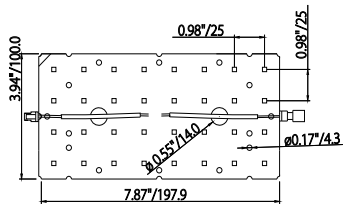
**F** ASFMX-◇(H)-1C144-24-3030RG-RFMC0 / C03



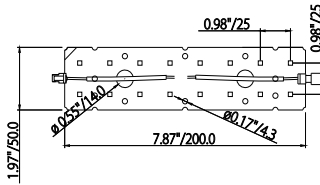
**G** ASFMX-◇(H)-1C64-24-2020RG-RFMC0 / C03



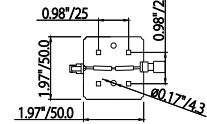
**H** ASFMX-◇(H)-1C32-24-2010RG-RFMC0 / C03



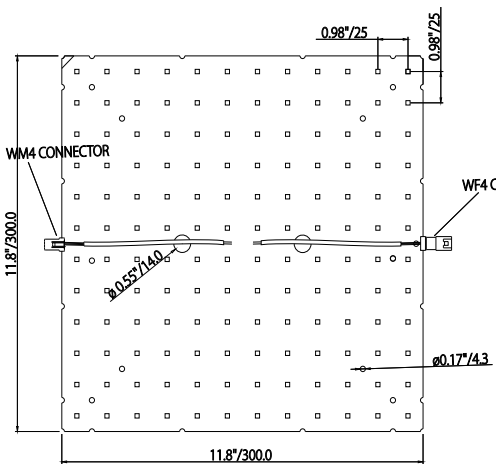
**I** ASFMX-◇(H)-1C16-24-2055RG-RFMC0 / C03



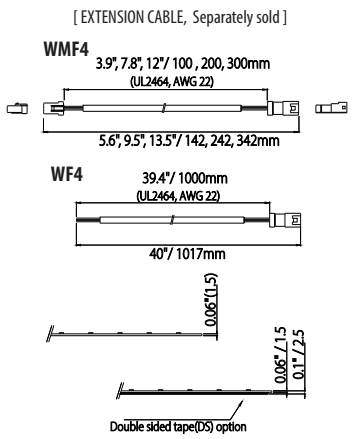
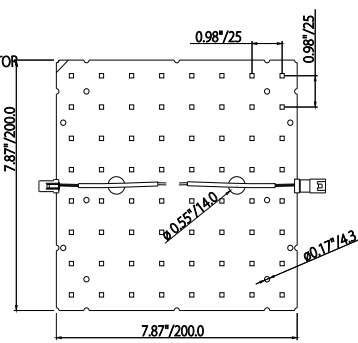
**J** ASFMX-◇(H)-1C4-24-55RG-RFMC0 / C03



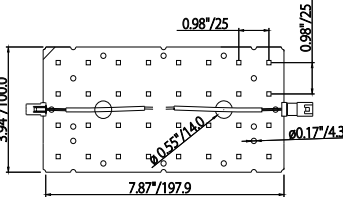
**K** ASFMX-◇(H)-1C144-24-3030RG-WFM4C3\*



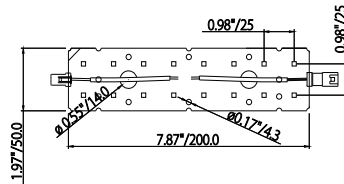
**L** ASFMX-◇(H)-1C64-24-2020RG-WFM4C3\*



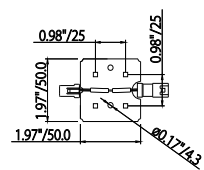
**M** ASFMX-◇(H)-1C32-24-2010RG-WFM4C3\*



**N** ASFMX-◇(H)-1C16-24-2055RG-WFM4C3\*



**O** ASFMX-◇(H)-1C4-24-55RG-WFM4C3\*

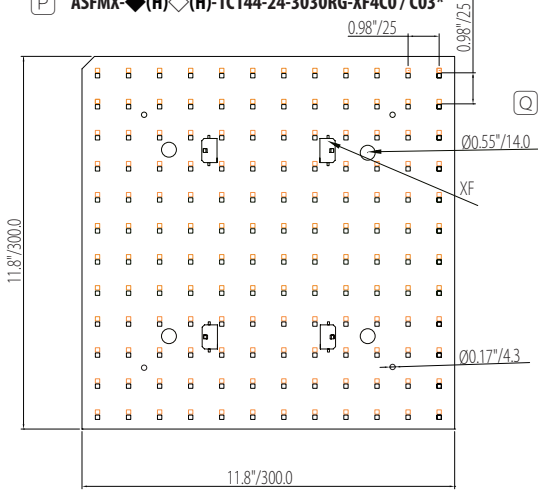


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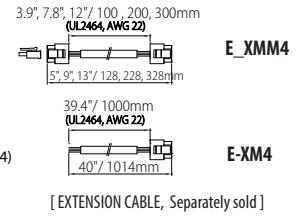
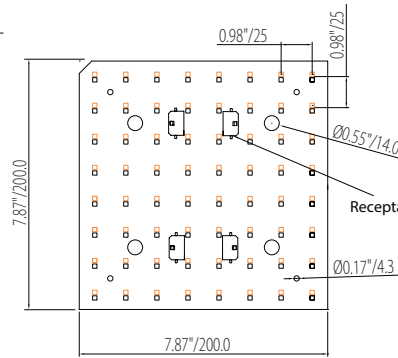
# DIMENSION

(inch / mm)

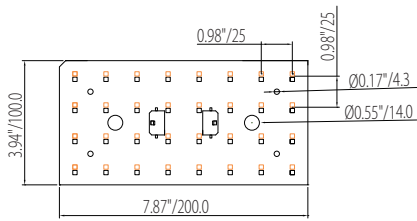
**P** ASFMX-◆(H)◇(H)-1C144-24-3030RG-XF4C0 / C03\*



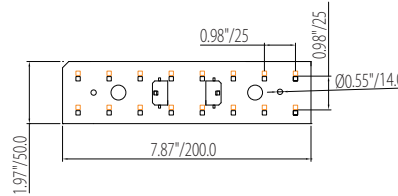
**Q** ASFMX-◆(H)◇(H)-1C64-24-2020RG-XF4C0 / C03\*



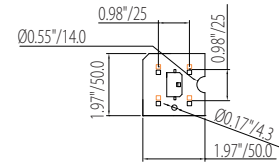
**R** ASFMX-◆(H)◇(H)-1C32-24-2010RG-XF4C0 / C03



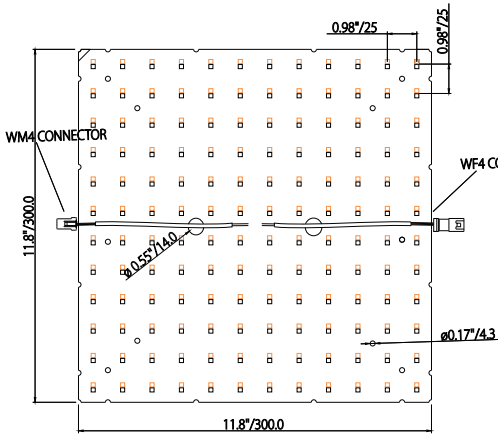
**S** ASFMX-◆(H)◇(H)-1C16-24-205RG-XF4C0 / C03



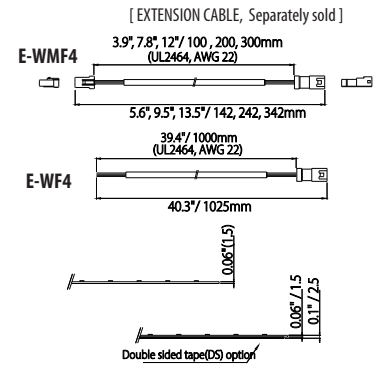
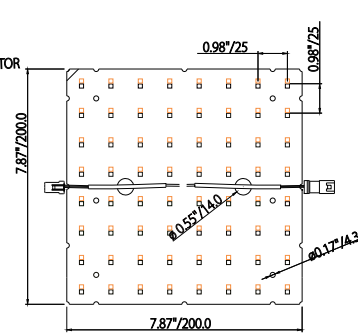
**T** ASFMX-◆(H)◇(H)-1C4-24-55RG-XF4C0 / C03



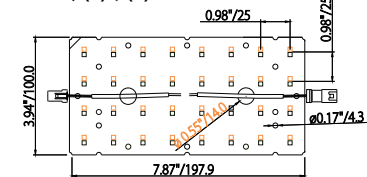
**U** ASFMX-◆(H)◇(H)-1C144-24-3030RG-WMF4C3\*



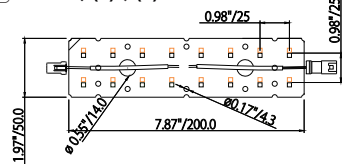
**V** ASFMX-◆(H)◇(H)-1C64-24-2020RG-WMF4C3\*



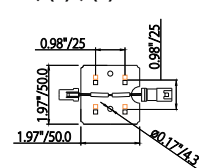
**W** ASFMX-◆(H)◇(H)-1C32-24-2010RG-WMF4C3\*



**X** ASFMX-◆(H)◇(H)-1C16-24-205RG-WMF4C3\*



**Y** ASFMX-◆(H)◇(H)-1C4-24-55RG-WMF4C3\*



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