

UHQ-128LED-12W-X-C90 series

Professional LED strip 24V, 2835, 128LED/m, 12W/m, Cri 90, SDCM ≤ 5 or ≤ 3



Applications:

- Main lighting
- Cove lighting
- Architectural lighting
- Decorative lighting
- Hotels
- Shopping mall
- Cabinet
- Show frame etc.

Features:

- Luminous efficiency up to 140lm/W
- Good color uniformity (Spectroscopic standard ERP, one BIN only)
- Silver-tin pads allow easy soldering and prevent from oxidatiton
- 3oz pure copper PCB
- Easy installation with 3M adhesive tape

MODEL ENCODING

UHQ	-	128LED	-	12W	-	X	-	C90	-	Y	
Series	-	(LED/m)	-	Power (W/m)	-	Colour	-	CRI	-	SDCM	
						- X = W-6kK	White 6500K	- C90	CRI ≥ 90	- Blank	SDCM ≤ 5
						- X = NW-5kK	Neutral White 5000K			- Y = S3	SDCM ≤ 3
						- X = NW-4kK	Neutral White 4000K				
						- X = WW-3kK	Warm White 3000K				
						- X = WW-2k7	Warm White 2700K				
						- X = WW-2k4	Warm White 2400K				
						- X = WW-2k2	Warm White 2200K				
						- X = WW-1k8	Warm White 1800K				

ELECTRICAL SPECIFICATION

MODEL	UHQ-128LED-12W-W-6kK-C90-Y	UHQ-128LED-12W-NW-5kK-C90-Y	UHQ-128LED-12W-NW-4kK-C90-Y	UHQ-128LED-12W-WW-3kK-C90-Y	UHQ-128LED-12W-WW-2k7-C90-Y	UHQ-128LED-12W-WW-2k4-C90-Y	UHQ-128LED-12W-WW-2k2-C90-Y	UHQ-128LED-12W-WW-1k8-C90-Y
Chip	2835							
Supply Voltage	24V							
Current and Power per 1m	500mA; 12W							
Current and Power per reel (5mb)	2.1A; 50.5W							
CCT (Correlated Color Temperature) - range	6500K	5000K	4000K	3000K	2700K	2400K	2200K	1800K
Beam Angle	≥ 115°							
Luminous efficacy (lm/W)	140	144	144	132	130	127	118	91
Luminous flux (lm/m)	1674	1728	1728	1589	1557	1521	1418	1089
CRI, SDCM	CRI ≥ 90; Y = Blank -> SDCM ≤ 5; Y = S3 -> SDCM ≤ 3							
Maximum cascading length	5m							
Cut Section	62.4mm per 8 diod							
Dimensions (L * W * H) and Weight	5000 * 10 * 1.4mm; 17g							

ENVIRONMENT

IP protection degree	IP20
Operating temperature	-25°C ÷ +60°C
Storage temperature	-25°C ÷ +70°C

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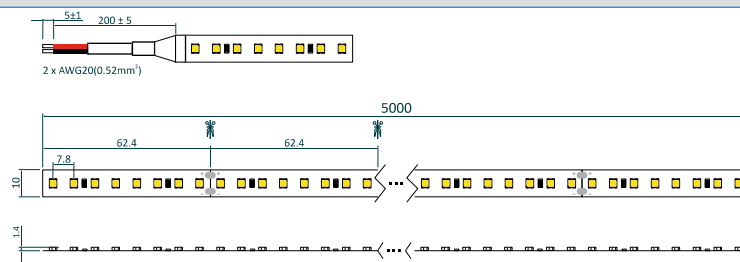
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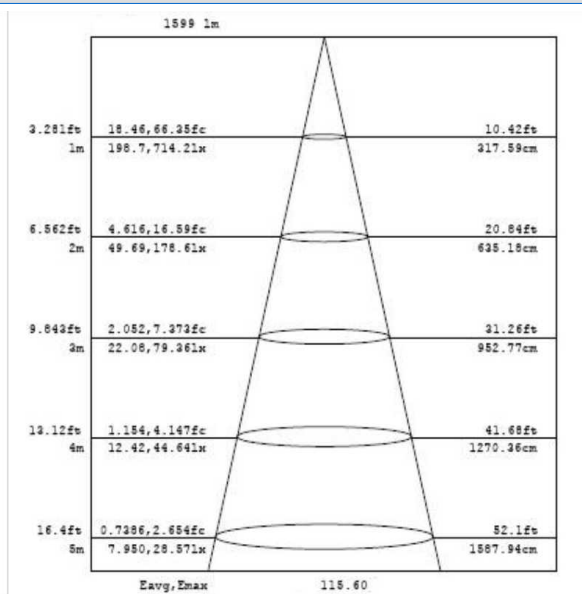
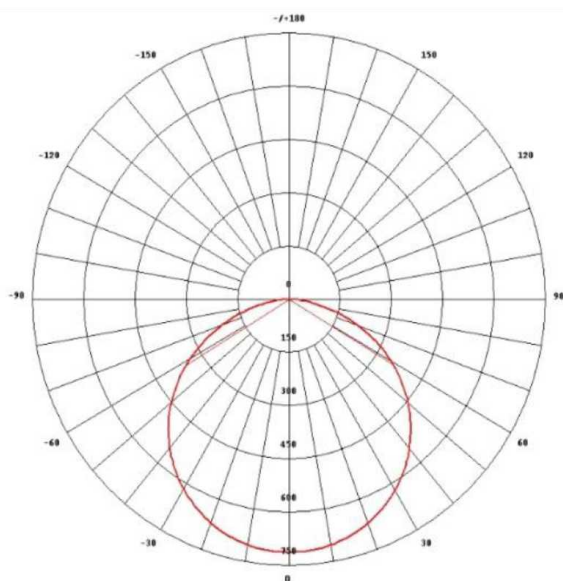
◎ PACKAGING INFORMATION

Quantity (m/bag)	5
Quantity (bag/box)	75
Total quantity (box/carton)	150
Total weight (kg)	4.1
Carton dimensions (mm)	398 x 256 x 238

◎ MECHANICAL SPECIFICATION



◎ LIGHT DISTRIBUTION/ISO-ILLUMINANCE DIAGRAM



◎ SUPPLY

