

## LED Linear Light DOON Series



### Description:

DOON series LED Linear light is a outdoor linear fixture available in four dimensions: 360mm / 620mm / 1000mm / 1200mm. It has monicolor, RGB or RGBW LEDs able to be controlled by DMX / 1~10V / leading edge and Dali dimming. This product suits perfectly to architectural contour lighting on buildings, ornamental colour washing effects or integration instructors and facades. It's as well a great alternative to urban furniture due to its IP67 protection rating.

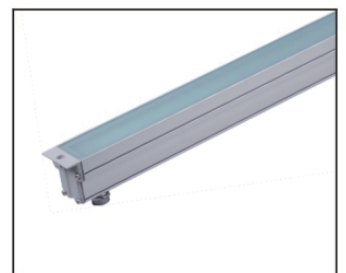
### Features:

- Recessed-mounted Type
- Comply with DMX-512 (1990)
- External driver to comply with 1~10V ,leading edge and Dali dimming system
- Anode oxidized 6063 aluminum alloy and 3mm thickness tempered glass with stainless steel cover
- Integrated fire-resistant (V0) IP67 U.S.A 6 Pin connectors
- Display to 16,777,216 colors in RGB or RGBW version
- Frame per second:>100 FPS at DMX 512 control
- Dimmable range:0~255 steps at DMX 512 dimming control
- 256 gradations for RGB or RGBW version individually
- Built-in constant current circuit with PWM signal > 400Hz
- Multiple optical fire-resistant (UL94) PMMA lens to distribute narrow, widely and symmetric beam angles

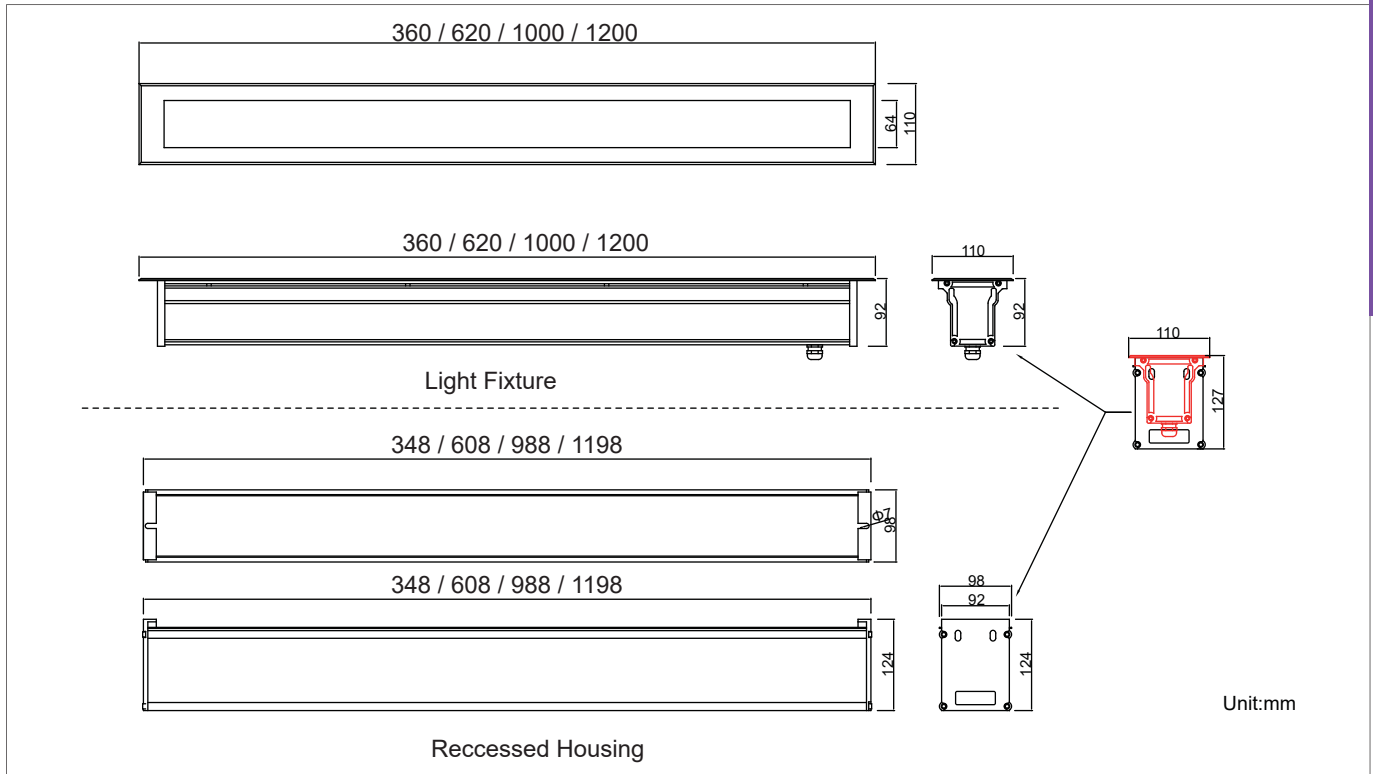
### Applications:

- Outdoor plaza
- The house of contours
- Bridges
- Landscape lighting

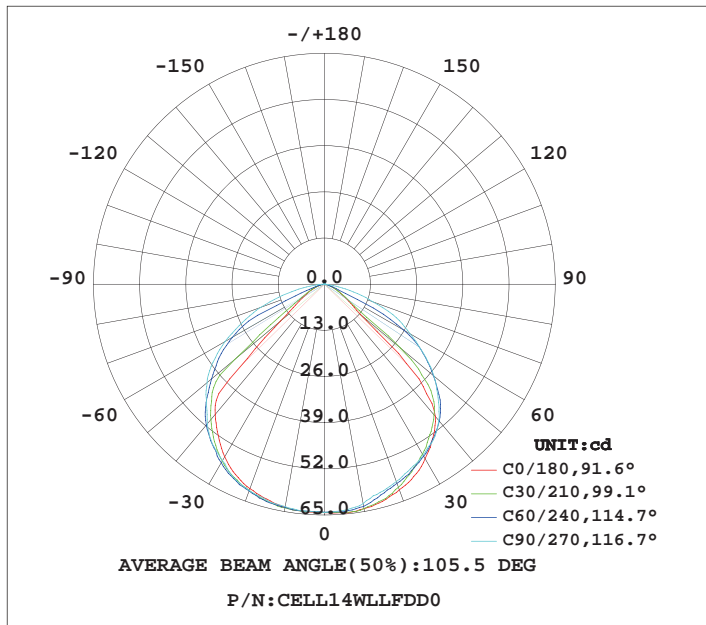
DOON Series   



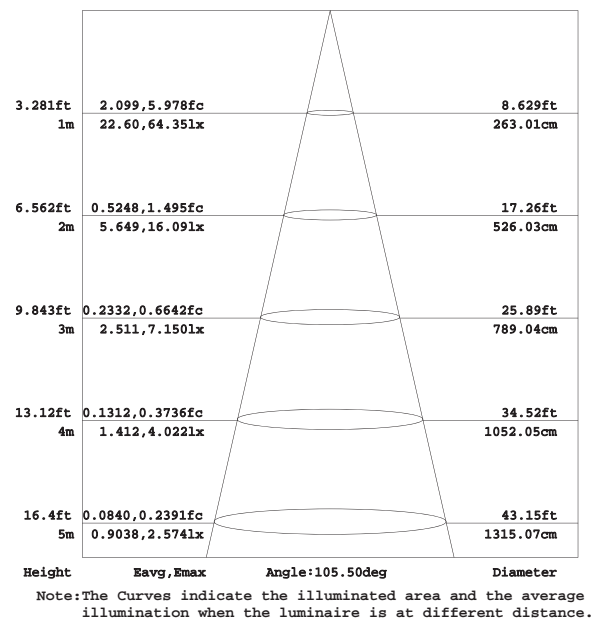
Product Dimensions:



Luminous Intensity Distribution Diagram:



Lux Distribution:



Manufacturing Quality Standard:

- ISO 9001:2008

LED Luminaire Standard:

- EN/IEC 60598-1
- EN/IEC 60598-2-1
- EN/IEC 60598-2-2
- EN/IEC 60529
- EN/IEC 62471-2
- IEC 62612
- EN/IEC 60968
- IEC 62560
- EN/IEC 60061-1
- EN 13032-1
- EN 13032-2
- EN/IEC 62471
- EN/IEC 60825
- EN 60061-1
- UL

Electronic Driver Standard:

- EN/IEC 61347-1
- EN/IEC 61347-2-13
- EN/IEC 62384
- EN/IEC 61000-3-2
- EN/IEC 61000-3-3
- EN/IEC 61547
- EN 55015(CISPR 15)

LED Module Standard:

- IEC 62031
- IEC 60838-2-2

LED Light Photometric Standard:

- CIE; TM14; LM-75; IES; LDT; CEN; CIB

RoHS Standard:

- EPA3050B
- EN 1122B
- IEC 62321
- EPA3052
- EPA3060A
- EPA7196A
- EPA3540C
- EPA8270D

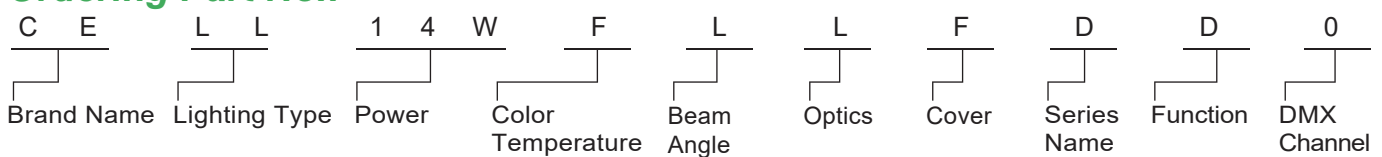
LED Luminaire Performance:

- LM-80-08
- Switching cycle: 100,000x

## Specifications:

Power	56W / 72W	42W / 54W	28W / 40W	14W / 24W
Size (Length)	1200mm	1000mm	620mm	360mm
Net Weight	8kg	6.27kg	4.5kg	3kg
Qty of LEDs	48PCS	36PCS	18PCS	9PCS
Pixels(Sections) per Luminaire	1Pixels (Max)	1Pixels (Max)	1Pixels (Max)	1Pixels (Max)
DMX512 Channel per Luminaire	1 Channel (Mono Color) 3 Channels (RGB) 4 Channels (RGBW)	1 Channel (Mono Color) 3 Channels (RGB) 4 Channels (RGBW)	1 Channel (Mono Color) 3 Channels (RGB) 4 Channels (RGBW)	1 Channel (Mono Color) 3 Channels (RGB) 4 Channels (RGBW)
Input Voltage	DC 24V or AC 90~264V 47~63Hz			
Control Protocol(optional)	DMX 512 / 1~10V / Triac Dimming Leading Edge			
Beam Angle	Symmetric Lens: 10° / 25° / 30° / 45° / 60° / 10°x30° / 10°x40° / 10°x50° / 10°x60° / 15°x40° / 30°x60° Asymmetric Lens: 10°x60° / 15°x30° / 25°x40° / 30°x60° No Lens: 90°x160°			
Color Rendering Index	85@2700K / 85@3000K / 85@3500K / 85@4000K / 80@5000K / 75@6500K			
Luminaire Efficacy	*75lm/w(2700K), *80lm/w(3000K), *90lm/w(4000K), *95lm/w(5000K), *100lm/w(6500K),	*20lm/w(RGB), *10lm/w(Blue 450~460nm), *50lm/w(Red 620~630nm), *65lm/w(Green 520~530nm), *30lm/w(Yellow 589~595nm),	*FO: RGBO(2700K) *FW: RGBW(3000K) *FN: RGBN(4000K) *FD: RGBD(5000K) *FC: RGBC(6500K)	
LED Source Efficacy	*90lm/w(2700K), *95lm/w(3000K), *110lm/w(4000K), *115lm/w(5000K), *120lm/w (6500K),	*35lm/w(RGB), *20lm/w(Blue 450~460nm), *70lm/w(Red 620~630nm), *80lm/w(Green 520~530nm), *50lm/w(Yellow 590~595nm)	*FO: RGBO(2700K) *FW: RGBW(3000K) *FN: RGBN(4000K) *FD: RGBD(5000K) *FC: RGBC(6500K)	
LED Source	CREE			
Life Time	50,000 Hours			
Operating Temperature	-20°C~70°C			
Operating Humidity	10%~90%RH			
Finishing Materials	Aluminum and Tempered Glass (Clear or Frosted)			
Body Color	Sliver / Matte Black / Matte Grey / Tailor-made			
RAL Color Code	9006 / 9017 / 7042 /			

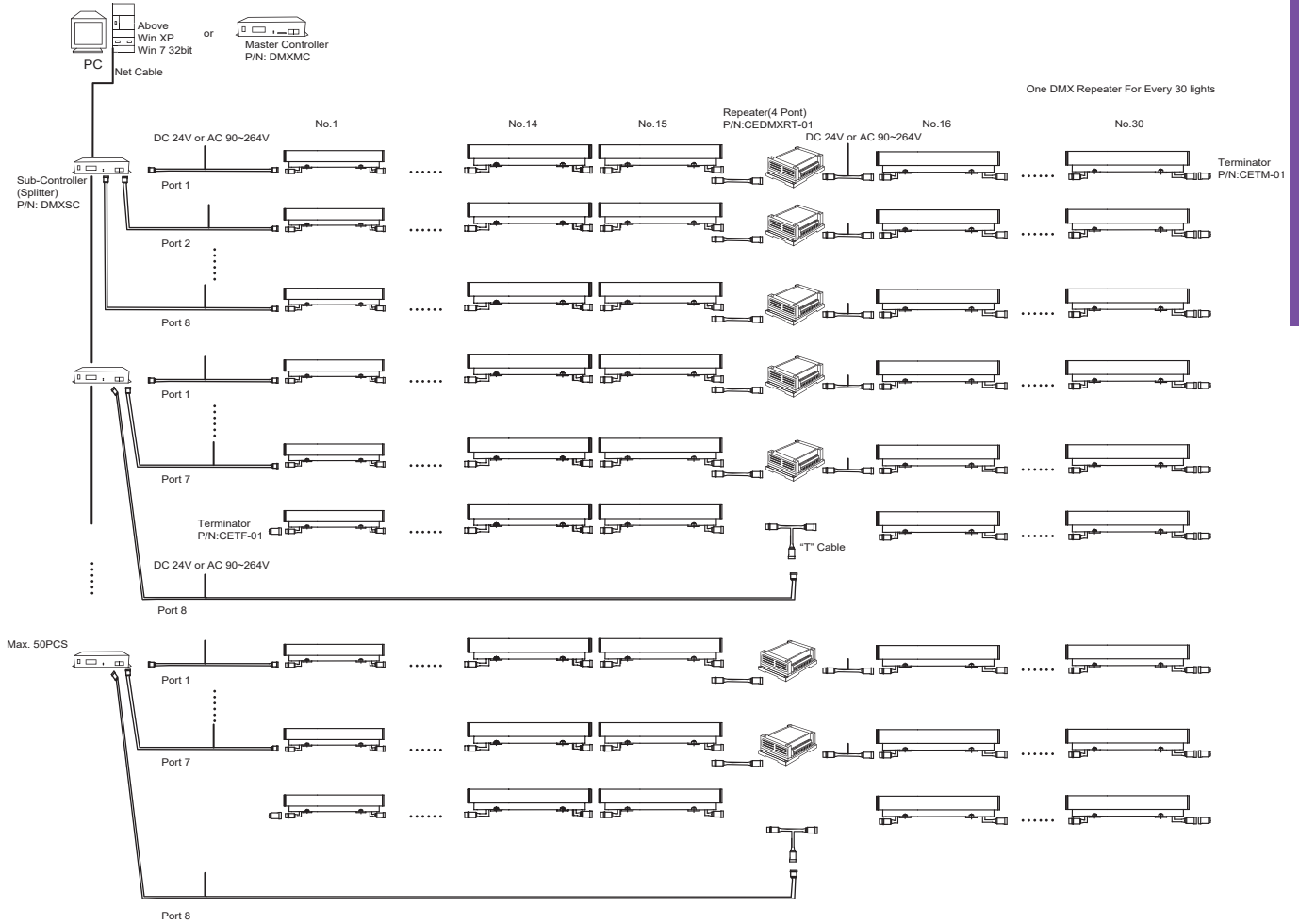
## Ordering Part No.:



Brand Name	Lighting Type	Power	Color Temperature	Beam Angle	Optics	Cover	Series Name	Function	DMX Channel
CE: CELEX	LL: Linear Light	14W	O: 2700K	W:90°x160°	N: No Lens	F: Frost Glass C: Clear Glass	D: DOON Series	D: DMX 512	0
		24W	W: 3000K	XS:10°	L: Lens (Symmetric)			+DC 24V	1
		28W	N: 4000K	S:12°				E: DMX512	3
		40W	D: 5000K	M:30°				+AC 90~264V	4
		42W	C: 6500K	L:45°				L: DC 24V	
		54W	R: Red(620~630nm)	X:60°				N: AC 90~264V	
		56W	G: Green(520~530nm)	P:120°				T: Triac Dimming Leading Edge	
		72W	B: Blue(450~460nm)	XSM:10°x30°				V: 1~10V Dimming +DC 24V	
			Y: Yellow(590~595nm)	XSL:10°x40°					
			F: Full Color(RGB)	XSLZ:10°x50°					
			FO: RGBO(2700K)	XLX:10°x60°					
			FW: RGBW(3000K)	SL:15°x40°				L: Lens (Asymmetric)	
			FN: RGBN(4000K)	MX:30°x60°					

# LED Linear Light DOON Series

## DMX Controllers:



## Accessories:



DMX Repeater  
P/N: CEDMXRT-01



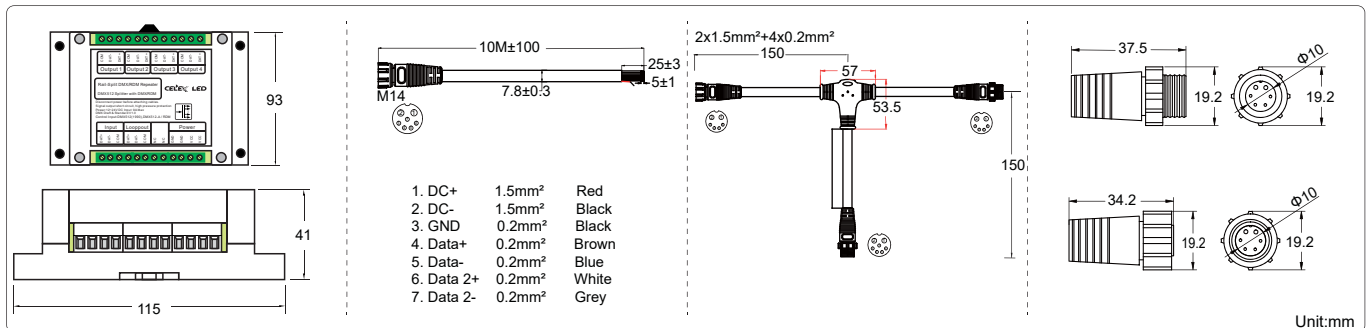
M14 7core signal shielding  
extension wire-10m  
P/N: CECM14-7C-10M



M14 7 Core "T" Cable-150mm  
P/N: CECM14-7C-T



M14 Resistor 120 ohm Terminator  
P/N: CETM-01 P/N: CETF-01



Master Controller  
P/N: DMXMC



Sub-Controller (Splitter)  
P/N: DMXSC

