



LED DOWNLIGHT SERIES  
**RGBWC  
DOWNLIGHT**



# RGBWC DOWNLIGHT

## SPECIFICATION SHEET

### Product Features

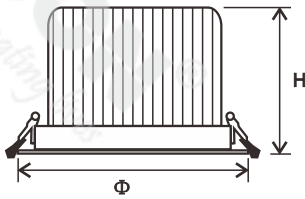
- \* 30W
- \* Input Voltage: 12-48VDC
- \* IP20 (Optional: IP65)
- \* High lumen is achieved by using RGBWC



- \* CRI-(CW):  $\geq 90$
- \* Beam Angle (Options): 15°/24°/36°/50°/60°
- \* Colour Temperatures: RGBWC
- \* Life Time : 50,000 hrs
- \* Warranty : 3 years #
- \* Min/Max Operating Temp : -20°C /+40°C

# Please refer to your place of purchase for full terms and conditions, relevant to your product and location.

### Product Dimensions



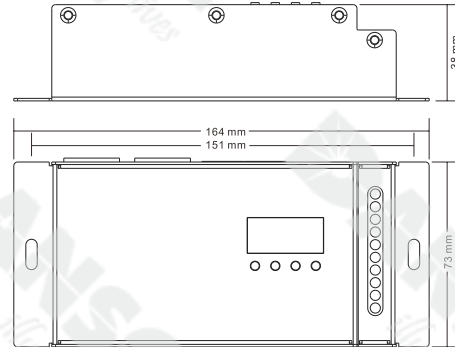
Φ (mm)	H (mm)	Cutout (mm)	Product Weight	Outer Packing
Φ 185	110	Φ 160	1.0kg	480*480*270mm (8pcs/ctn)

### Product Specifications

Models	DL30WRGBWC
Wattage	30W
Lumens	WC:2400 lm
Colour Temp.	RGBWC:R-Red;G-Green;B-Blue;W-2700K;C-6500K
Decoder	5 Channel RDM DMX512 Decoder
Dimming	DMX Dimmable
Driver	Constant Voltage LED Driver
Body Material	Aluminium
Lens	PMMA ;(Lens Holder PC )
Reflective	PC
Product Colour	White
Certificates	SAA,C-Tick, ROHS,LM79,ISTMT,TM21
Standards	C-tick:AS/NSZ CISPR 15:2013;AS CISPR 15:2017; SAA:AS NZS 60598.1-2017;AS NZS 60598.2.2-2016 A1-2017 IEC 60598-1,Ed.8.0(2014)MOD;IEC 60598-2-2,Ed.3.0 (2011) MOD

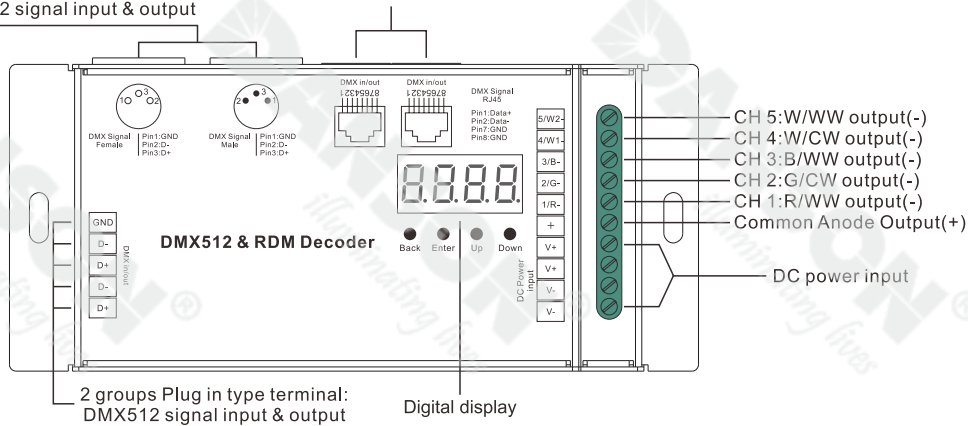
	Symbol	Condition	Min.	Typ.	Max.	LM/W(typ)	Unit
Luminous Flux	$\Phi_v$	(W)TC=2700K	825	870	915	85	Lm
		(C)TC=6500K	1070	1130	1190	105	
Dominant Wavelength	WL.D	R	620	-	625	40	nm
		G	520	-	525	85	
		B	450	-	455	18	

## • 5 Channel RDM DMX Decoder



## • Function Introduction

3/5 Pin male & female XLR terminal: DMX512 signal input & output  
 2xRJ45 terminal: DMX512 signal input & output



## • Product Data

Input Voltage	Output Current	Output Power	Remarks	Size(LxWxH)
12-48VDC	5x350mA	5x(4.2-16.8)W	Constant current	164x73x38mm

- Master & decoder mode, RDM function
- Metal housing, digital display to show data directly, easily to set and show DMX address.
- With multiple kinds of DMX in/out ports: RJ 45, XLR , normal screws.
- Total 5 PWM output channels, common anode. DMX channel quantity from 1CH~5CH settable
- PWM output resolution ratio 8bit , 16bit settable.
- Output PWM frequency from 500HZ ~ 30K HZ settable.
- Output dimming curve gamma value from 0.1 ~ 9.9 settable.
- Decoding mode settable.
- Galvanic isolation

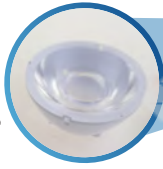
## • Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

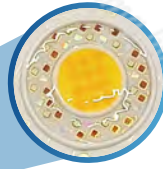
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• **Product Details**

**PMMA LENS**



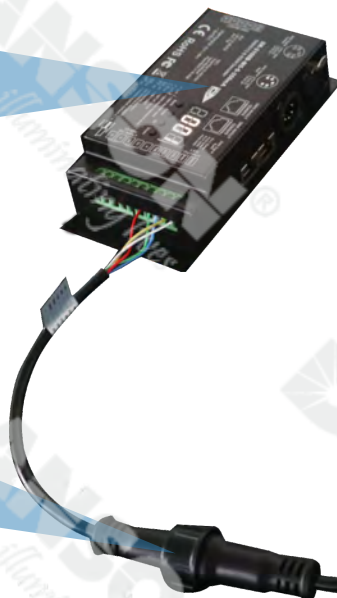
**RGBWC COB**



**PC REFLECTIVE**



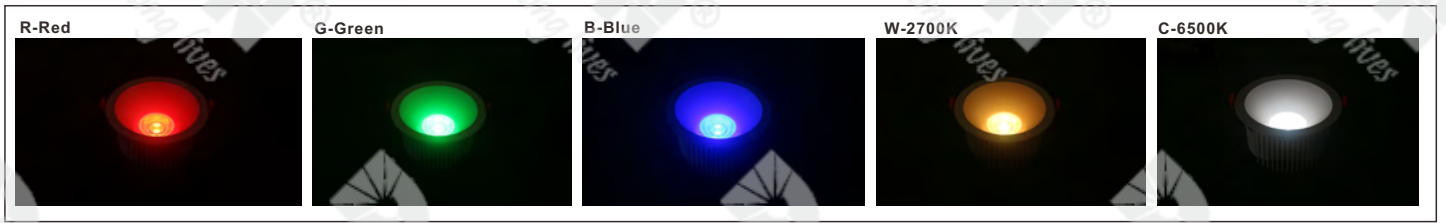
**DMX DECODER**



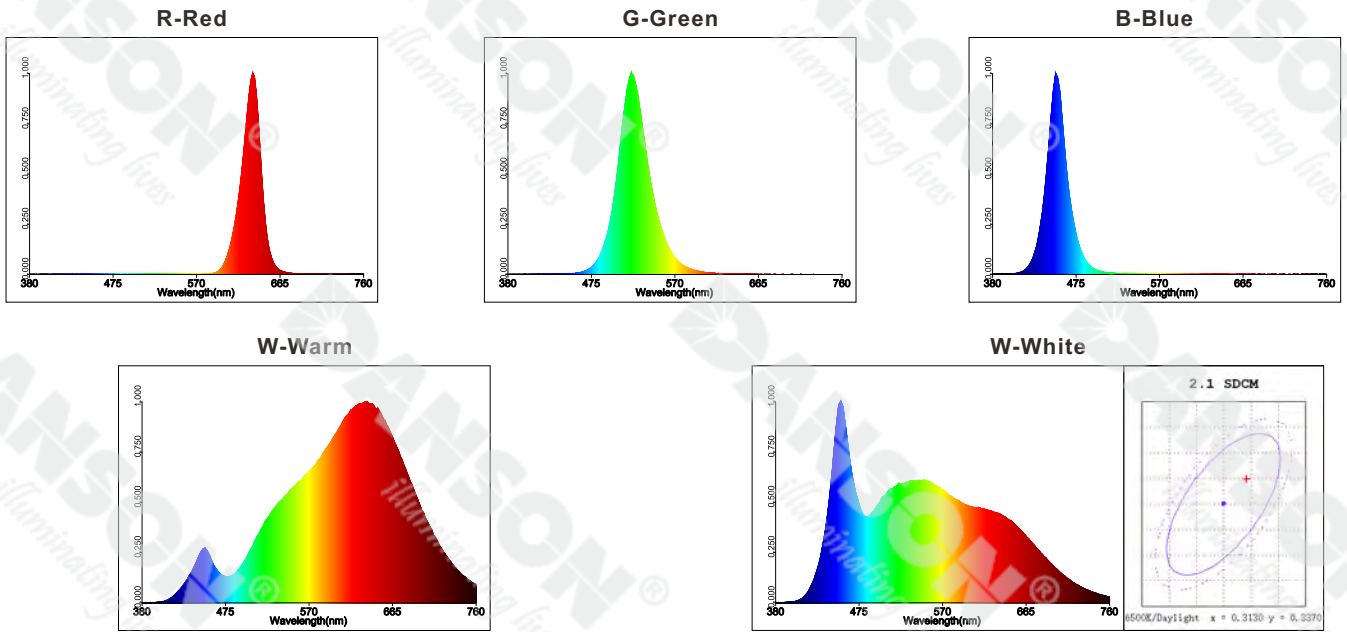
**IP65 6 PIN CONNECTORS**



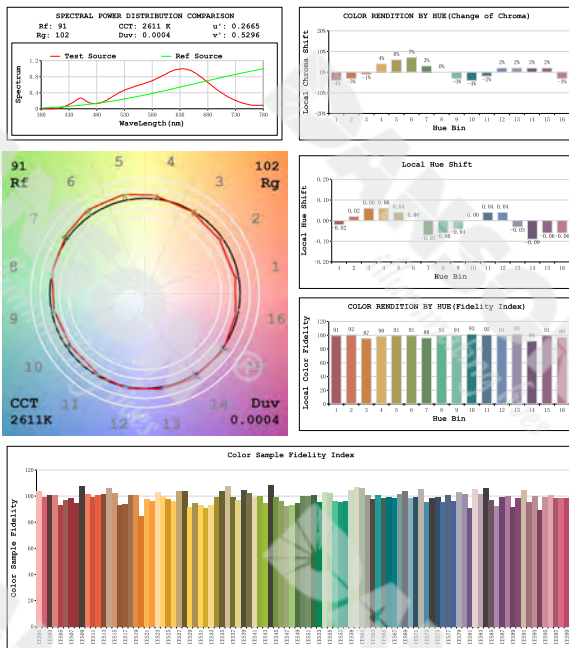
## • Luminous Intensity Distribution



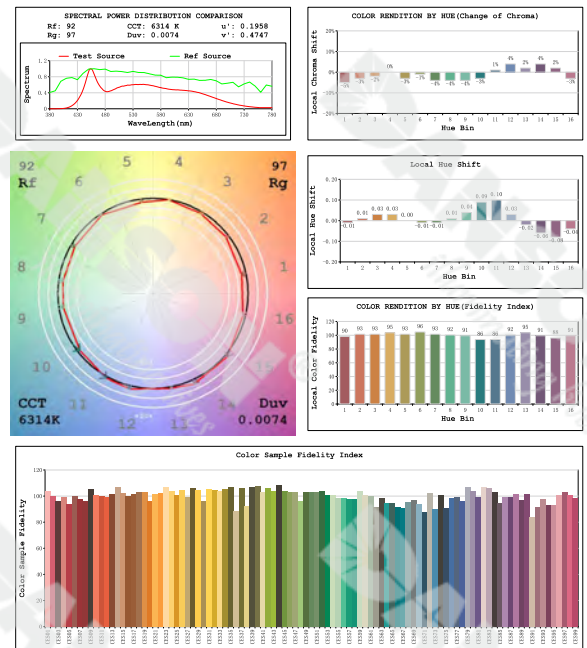
## • Spectrum



IES TM-30-18 Color Rendition Report for Warm CCT



IES TM-30-18 Color Rendition Report for Cool Daylight CCT



“With the rapid development of LED technology DANSON Electronics reserves the right to change data and specifications without notice”