



Specification For Approval

Customer: _____

Description: **LED PIXEL**

Part number: **RL1210-L05WA4.5-75P**

Date: **2008-5-11**

Approved By:

Prepared By:

Approval	Check	Design	Sales

EXCEED PERSEVERANCE ELECTRONICS IND CO., LTD

www.exceedledcn.com



Light-emitting diode



PartNumber: RL1210-L05WA4.5-75P

Features

Product Description: LED T5 energy-saving lamp, 0.5m

Input Voltage/ Power: AC 110~240V/4.5W

Illuminance (h=1m) : 80lux

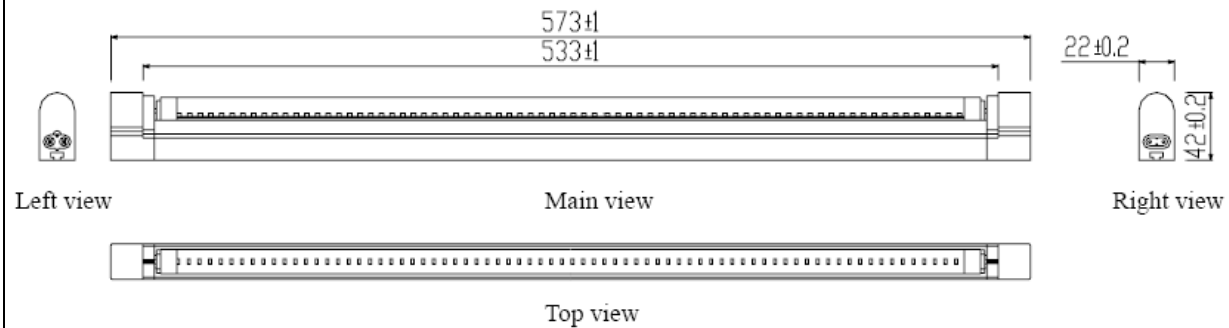
LED Type/Quantity: SMD(1210) /75

Size: 573mm×22mm×42mm(L×W×H)

Net Weight: 177g

★ Package Dimensions

Unit: mm



★ Selection Guide

Part Number	Lens color	Chip		
		Material	Emitted color	λ p(nm)
RL1210-L05WA4.5 -75P	Water Clear	InGaN	white	\

EXCEED PERSEVERANCE ELECTRONICS IND CO., LTD

www.exceedledcn.com



Light-emitting diode



TECHNICAL SPECIFICATION

Part Number: RL1210-L05WA4.5-75P

Absolute Maximum Ratings:

PARAMETER	RED	UNIT
Power Dissipation Per Don	4.5	w
Continuous Forward Current Per Don(DC)	132	mA
Reverse Voltage Per Don (AC)	\	V
White LED	40	PCS
Opertion Temperature Range	-20°C TO +100°C	
Storage Temperature Range	-40°C TO +100°C	

Parameter	Symbol	MIN.	TYP.	MAX.	UNIT	TEST CONDITION
Forward Voltage	VF	110	--	240	V	If=100mA
Peak Wavelength	λ_p	6000	6500	7000	k	
Reverse Current	IR			40	μ A	VR=5V
Power dissipation	Pd		4.5		W	
Luminous Intensity	IV	360	370	380	Lm	If=100mA
Peak Forward Current	If(Peak)			100	mA	
Recommend Forward Current	If(Rec)	54	100	132	mA	

EXCEED PERSEVERANCE ELECTRONICS IND CO., LTD

www.exceedledcn.com



EXCEED

Light-emitting diode



Comparisation between LED and Fluorescent Tubes

	LED Economization-lamp 0.5m, 75Leds	Standard Fluorescent Lamp 0.5 m
Power Consumption	4.5W	12~15W
Ballast	Not necessary	Yes
Starter	Not necessary	Yes
Environmental friendly	Yes comply to RoHS	Mercurial vapor inside, NO RoHS
UV	No UV	UV Radiation