

# ODIN SERIES

Super high efficacy CRI90+ @160lm/W

Ultra high brightness 9000lm/m<sup>2</sup>+

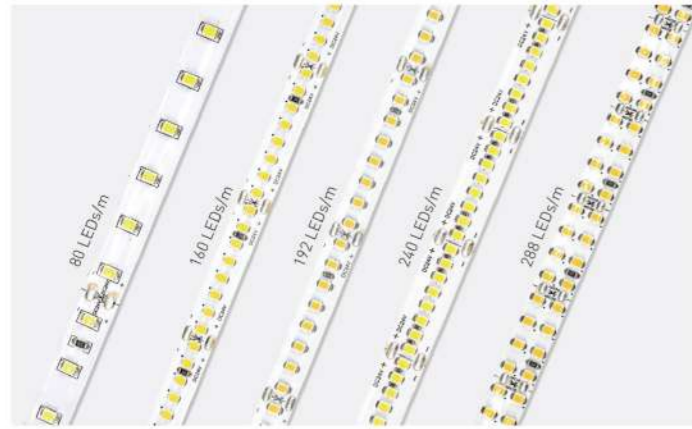
Ultra High Brightness

Current Regulator Design

Ultra High Brightness Dislocation  
Design



# ODIN SERIES-ULTRA HIGH BRIGHTNESS



## FN-H28350-XXX-24



### Color Available



IP Rating	Graphical	PCB Width(mm)
IP22(N)		10 12
IP64(WP)		10 12
IP65(WS)		10 12
IP67(WT)		10 12
IP67(WHE)		10 12
IP68(WE)		10 12
IP68(WTS/WTU)		10 12

DC 24V 5 yrs warranty

Note: IP65, IP67, IP68 waterproof type need to lower standard wattage, please contact sales rep for more detail

### Optical & Electrical Parameters

Model No.	Voltage[V DC]	Light Color	CCT[K]	Ra	Luminous Flux[lm/m]	Efficacy[lm/W]	Power[W/m]
FN-H28350-80-24	24	W	4000	90+	2304	160	14.4
FN-H28350-160-24					3840	160	24.0
FN-H28350-192-24					4608	160	28.8
FN-H28350-240-24					5724	159	36.0
FN-H28350-288-24					6855	161	43.2

### Other Parameters

Model No.	LED QTY[pcs/m]	Max Run[m/inch]	Min Cuttable Length[mm/inch]	Standard Packing Size/Reel L*W[mm/inch]
FN-H28350-80-24	80	4.0[157.48]	100.0[3.93]	5000X10[196.85X0.39]
FN-H28350-160-24	160	3.0[118.11]	50.0[1.96]	
FN-H28350-192-24	192	2.5[98.42]	41.7[1.64]	
FN-H28350-240-24	240	3.0[118.11]	33.3[1.31]	5000X12[196.85X0.47]
FN-H28350-288-24	288	2.5[98.42]	27.8[1.09]	

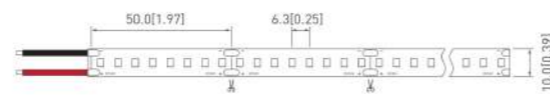
### Profile Drawings

Length Unit : mm/inch

FN-H28350-80-24



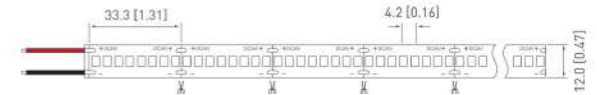
FN-H28350-160-24



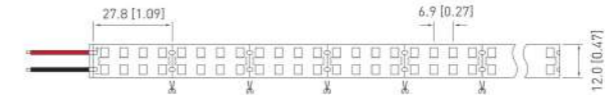
FN-H28350-192-24



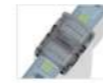
FN-H28350-240-24



FN-H28350-288-24



### Quick Connector



FN-W10FF2



FN-W10CF2



FN-W10FF2G



FN-W10CF2G



S10W0



S10W1



S10W2

Suitable for 10mm width product.

Suitable for 10mm width product with LED density less than 120LEDs/m.

Suitable for 10mm width product with LED density above 120LEDs/m.

Note: IP22 Non-waterproof accessories listed above, please check accessory page for waterproof accessories.

### Wire

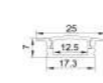


20awg UL2464 jacket wire

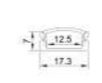


20awg UL2468 wire

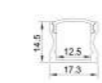
### Aluminum Profile



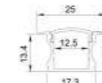
SL250712-A



SL170712-A



SL171512-A



SL251512-A



SL161610-A



SL161610-B



SL201017-A



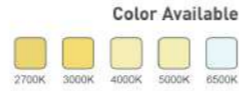
SL202017-A

Note: Only limited profile models illustrated, please check our profile catalog for more information.

## ODIN SERIES-ULTRA HIGH BRIGHTNESS DISLOCATION DESIGN



### FN-HD28350-XXX-24



DC 24V 5 yrs warranty

Note: IP65, IP67, IP68 waterproof type need to lower standard wattage, please contact sales rep for more detail

#### Optical & Electrical Parameters

Model No.	Voltage(V DC)	Light Color	CCT(K)	Ra	Luminous Flux(lm/m)	Efficacy(lm/W)	Power(W/m)
FN-HD28350-160-24	24	W	3900-4200	90+	4636	161	28.8
FN-HD28350-320-24					9273	161	57.6

#### Other Parameters

Model No.	LED QTY(pcs/m)	Max Run(m/inch)	Min Cuttable Length(mm/inch)	Standard Packing Size/Reel L*W(mm/inch)
FN-HD28350-160-24	160	2.0[78.74]	50.0[1.97]	5000X28[196.85X1.10]
FN-HD28350-320-24	320			5000X56[196.85X2.20]

#### Profile Drawings

Length Unit : mm/inch



#### Wire

#### Aluminum Profile



20awg UL2464 jacket wire 20awg UL2468 wire

XT553530-A

XT606030-A

XT403530-A

XT803570-A

## ODIN SERIES-CURRENT REGULATOR DESIGN



### CN-H28350-160-24



DC 24V 5 yrs warranty

Note: IP65, IP67, IP68 waterproof type need to lower standard wattage, please contact sales rep for more detail

#### Optical & Electrical Parameters

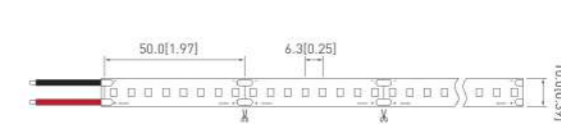
Model No.	Voltage(V DC)	Light Color	CCT(K)	Ra	Luminous Flux(lm/m)	Efficacy(lm/W)	Power(W/m)
CN-H28350-160-24	24	W	4000	90+	3600	150	24.0

#### Other Parameters

Model No.	LED QTY(pcs/m)	Max Run(m/inch)	Min Cuttable Length (mm/inch)	Standard Packing Size/Reel L*W(mm/inch)
CN-H28350-160-24	160	4.0[157.48]	50.0[1.97]	5000X10[196.85X0.39]

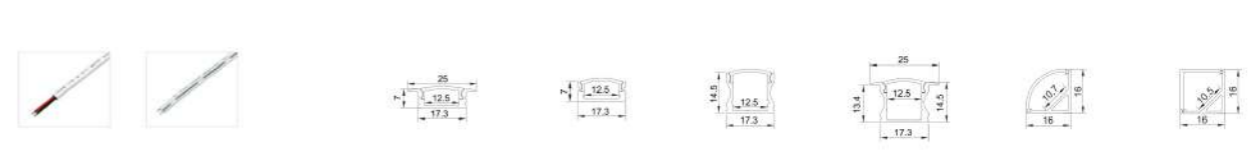
#### Profile Drawings

Length Unit : mm/inch



#### Wire

#### Aluminum Profile



20awg UL2464 jacket wire 20awg UL2468 wire

SL250712-A

SL170712-A

SL171512-A

SL251512-A

SL161610-A

SL161610-B