

PROJECT : _____
 LOCATION : _____
 TYPE OF LUMINAIRE : _____
 PRODUCT DATASHEET



N305C90 / N308C90 / N310C90 N312C90



Flexible LED Strip Light

- ☐ Dot-free COB, LED Strip Light 3.5W/m / 6W/m / 12W/m
☐ High CRI 98 SMD, LED Strip Light 8W/m / 14W/m

GENERAL

Architectural lighting type
 IP20 Indoor and IP65 Outdoor

SPECIFICATION

Material : Flexible PCB in silicone tube
 Frame Color : White
 Min.Cutting Unit : 50mm

LED LAMPS

LED type : Dot-free COB, SMD2835
 CRI : 90+, 98+ R9>95
 Color Consistency : SDCM ≤3
 CCT : 2700K, 3000K, 4000K, 6500K
 Beam angle : 120°
 Operating temperature : -25~45°C
 Average lifetime : 50,000h@80% (L80)
 Warranty : 3 years limited warranty

N308S98 / N310S98



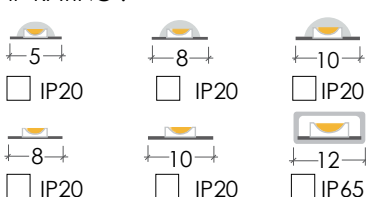
INSTALLATION

- ☐ Surface mounted

ELECTRICAL (driver)

Input voltage : 24VDC

IP RATING :



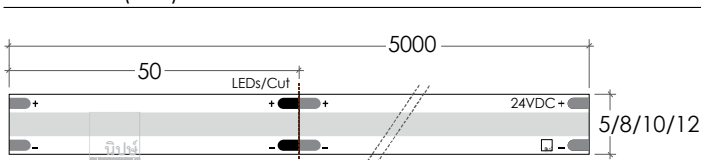
DIMMING CONTROL

- ☐ N = On-off ☐ T = TRIAC
☐ V = 0/1-10V ☐ D = DALI
☐ DX = DMX512

LED with Linear Lighting



DRAWING (mm) :



ORDER INFORMATION For Dot-free COB, LED Strip Light

CODE No.	LED POWER (W/m/LUMEN)	INPUT (V)	CRI (Ra)	CCT (K)	BEAM (D)
☐ N305C90	☐ 3.5W/m 315lm/m	☐ 24Vdc	☐ 90+ SDCM ≤3	☐ 2700K ☐ 3000K ☐ 4000K ☐ 6500K	☐ 120°
☐ N308C90	☐ 6W/m 540lm/m				
☐ N310C90	☐ 12W/m 1080lm/m				
☐ N312C90					
☐ N312C90					

MEAN WELL

Switching Power Supply 24Vdc



ORDER INFORMATION For High CRI 98 SMD, LED Strip Light

CODE No.	LED POWER (W/m/LUMEN)	INPUT (V)	CRI (Ra)	CCT (K)	BEAM (D)
☐ N308S98	☐ 8W/m 720lm/m	☐ 24Vdc	☐ 98+, R9>95 SDCM ≤3	☐ 2700K ☐ 3000K ☐ 4000K ☐ 6500K	☐ 120°
☐ N310S98	☐ 14W/m 1260lm/m				

Linear Lighting

for Flexible LED Strip Light



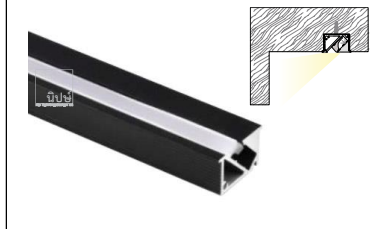
N308105 (Deep Anti-glare)



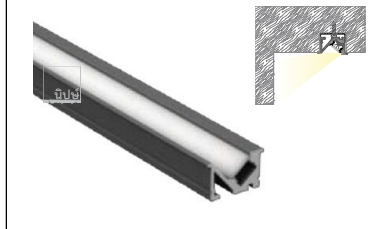
N310106 (Deep Anti-glare)



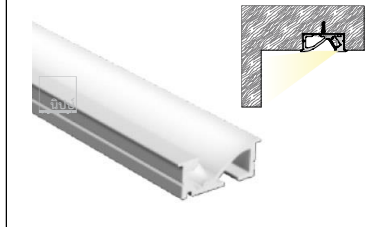
N305120



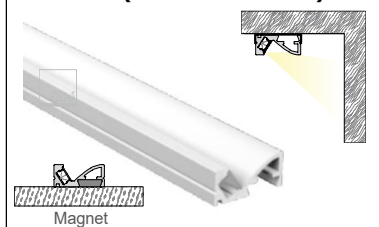
N305121



N305122



N305133 (Surface mounted)



Mini size cabinet series

Cabinet linear

for Flexible LED Strip Light

GENERAL

IP20, Architectural lighting type
recessed / surface

SPECIFICATION

Material : Aluminum + Frosted PC
Surface Treatment : Anodizing
Frame Color : Black, Gold, Silver
Transmittance : 80%

LED LAMPS / Recommended Strip :

Dot-free COB LED Strip Light

POWER : 3.5W/m / 6W/m / 12W/m

CRI : 90+

Color Consistency : SDCM ≤3

CCT : 2700K, 3000K, 4000K, 6500K

Beam angle : 120°

Operating temperature : -25~45°C

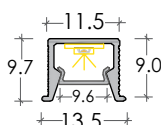
Average lifetime : 50,000h@80% (L80)

INSTALLATION

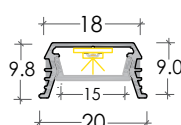
- ☐ Recessed mounted
- ☐ Surface mounted

DRAWING (mm) :

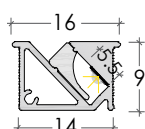
N308105 (Deep Anti-glare)



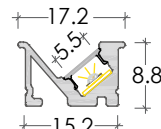
N310106 (Deep Anti-glare)



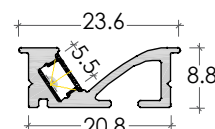
N305120



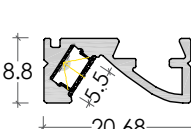
N305121



N305122



N305133

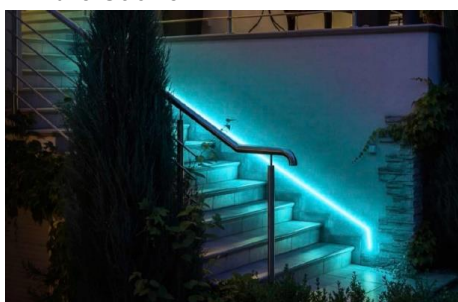


ORDER INFORMATION

** LEDs and driver not included.

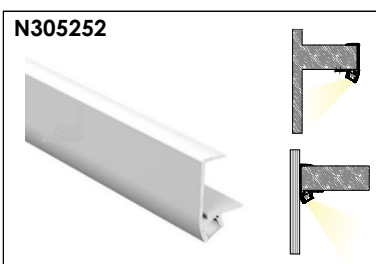
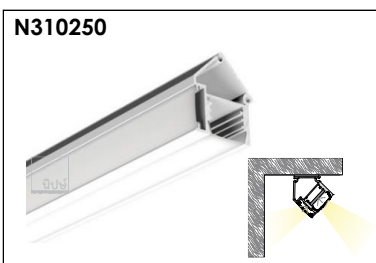
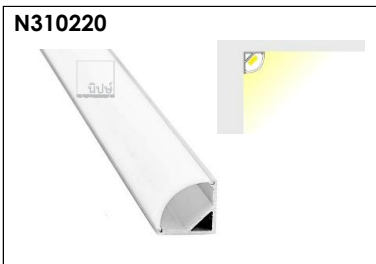
CODE No.	LENGTHS (mm)	TRIM COLOR (Standard)	TRIM COLOR (Custom)
☐ N308105	☐ 1000	☐ Aluminum	☐ Black
☐ N310106	Standard		
☐ N305120	☐ 2000		☐ Gold
☐ N305121	Standard		
☐ N305122	☐ 2400 - 4800		☐ Silver
☐ N305133	Custom		

Mini size Cabinet



Linear Lighting

for Flexible LED Strip Light



Corner Light series

Corner Light
for Flexible LED Strip Light

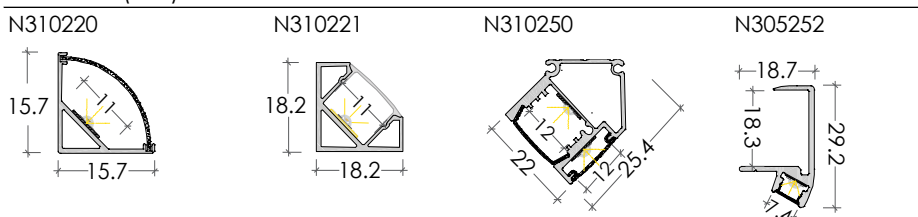
GENERAL
IP20, Architectural lighting type
surface

SPECIFICATION
Material : Aluminum + Frosted PC
Surface Treatment : Anodizing
Frame Color : Black, Gold, Silver
Transmittance : 80%

INSTALLATION
☐ Surface mounted

LED LAMPS / Recommended Strip :
Dot-free COB LED Strip Light
POWER : 3.5W/m / 6W/m / 12W/m
CRI : 90+
Color Consistency : SDCM ≤3
CCT : 2700K, 3000K, 4000K, 6500K
Beam angle : 120°
Operating temperature : -25~45°C
Average lifetime : 50,000h@80% (L80)

DRAWING (mm) :

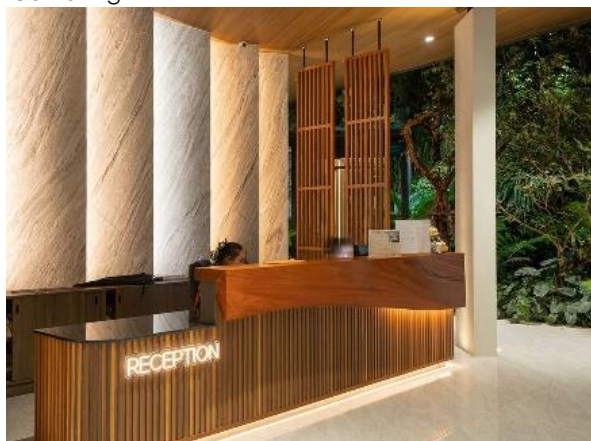


ORDER INFORMATION

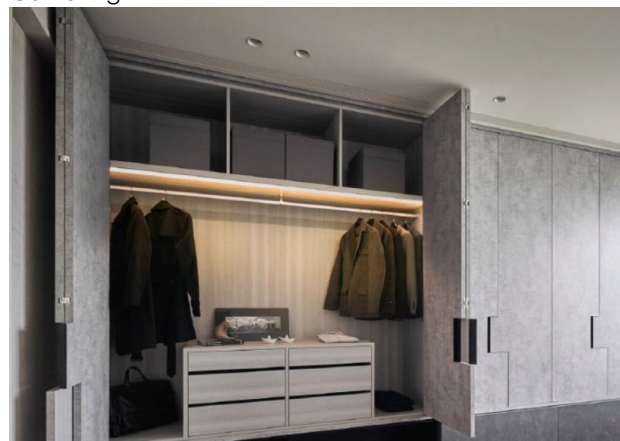
** LEDs and driver not included.

CODE	LENGTHS	TRIM COLOR	TRIM COLOR
No.	(mm)	(Standard)	(Custom)
☐ N310220	☐ 1000	☐ Aluminum	☐ Black
☐ N310221	Standard		
☐ N310250	☐ 2000		☐ Gold
☐ N305252	Standard		
	☐ 2400 - 4800		☐ Silver
	Custom		

Corner Light

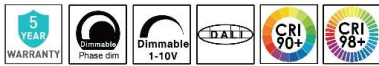


Corner Light

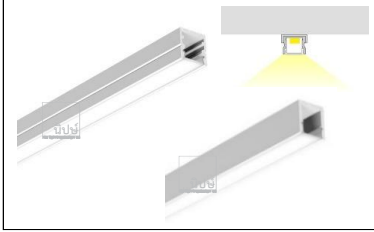


Linear Lighting

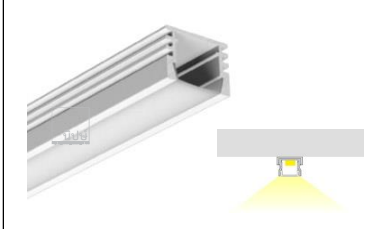
for Flexible LED Strip Light



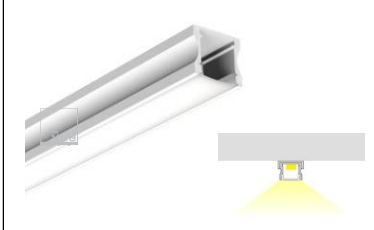
N305301 / N308302 / N308304



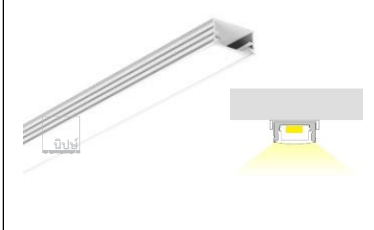
N310308



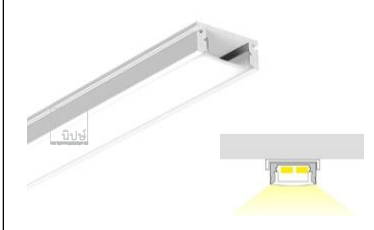
N310309



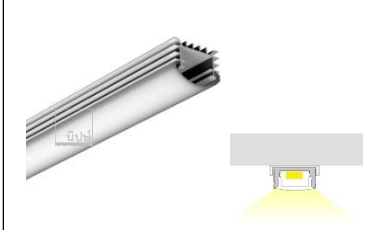
N310342



N310343 / N310344



N310351



Mini Surface-mounted series

Mini Surface linear
for Flexible LED Strip Light

GENERAL

IP20, Architectural lighting type
surface

SPECIFICATION

Material : Aluminum + Frosted PC
Surface Treatment : Anodizing
Frame Color : Black, Gold, Silver
Transmittance : 80%

LED LAMPS / Recommended Strip :

Dot-free COB LED Strip Light

POWER : 3.5W/m / 6W/m / 12W/m

CRI : 90+

Color Consistency : SDCM ≤3

CCT : 2700K, 3000K, 4000K, 6500K

Beam angle : 120°

Operating temperature : -25~45°C

Average lifetime : 50,000h@80% (L80)

INSTALLATION

☐ Surface mounted

DRAWING (mm) :

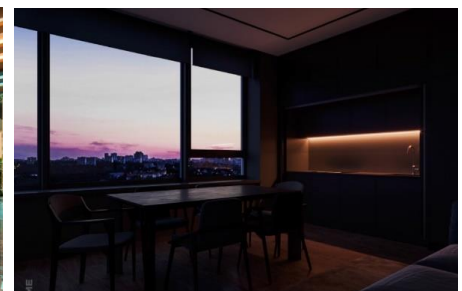
N305301	N308302	N308304	N310308	N310309
7.8 9 5.6	10 10 8.6	12.5 13.3 9.5	17.5 12 12.5	17 14.3 12.3
N310342	N310343	N310344	N310351	
14.4 6.8 13	17.35 6.9 12.2	23.6 9.7 20.6	12.8 14 18	

ORDER INFORMATION

** LEDs and driver not included.

CODE No.	LENGTHS (mm)	TRIM COLOR (Standard)	TRIM COLOR (Custom)
☐ N305301	☐ 1000	☐ Aluminum	☐ Black
☐ N308302	Standard		
☐ N308304	☐ 2000		☐ Gold
☐ N310308	Standard		
☐ N310309	☐ 2400 - 4800		☐ Silver
☐ N310342	Custom		
☐ N310343			
☐ N310344			
☐ N310351			

Mini size Surface-mounted



Linear Lighting

for Flexible LED Strip Light



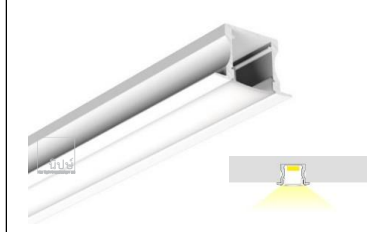
N305401 / N308402



N310406 / N310407



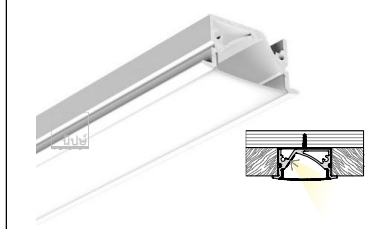
N310408



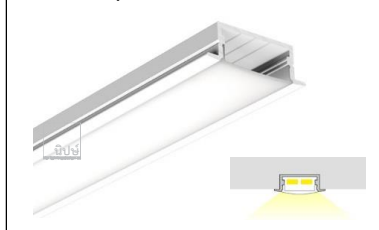
N310430



N308432



N310433 / N310450



Mini Recessed-mounted series

Mini Recessed linear
for Flexible LED Strip Light

GENERAL

IP20, Architectural lighting type
recessed

SPECIFICATION

Material : Aluminum + Frosted PC
Surface Treatment : Anodizing
Frame Color : Black, Gold, Silver
Transmittance : 80%

LED LAMPS / Recommended Strip :

Dot-free COB LED Strip Light

POWER : 3.5W/m / 6W/m / 12W/m

CRI : 90+

Color Consistency : SDCM ≤3

CCT : 2700K, 3000K, 4000K, 6500K

Beam angle : 120°

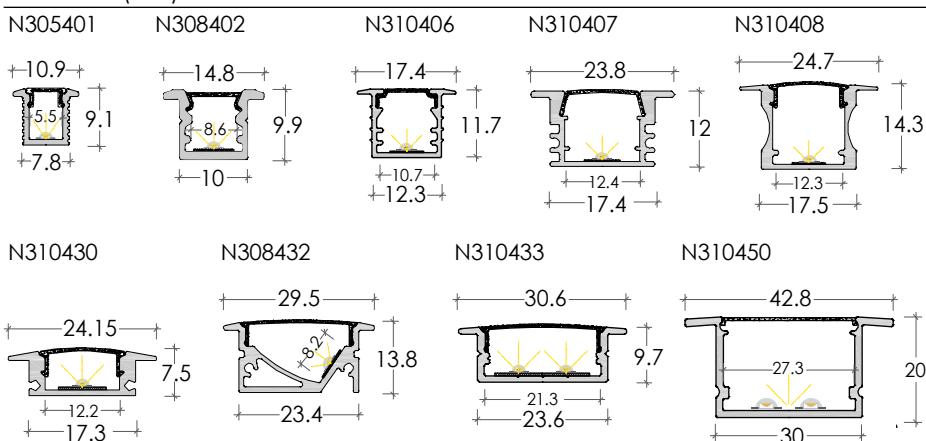
Operating temperature : -25~45°C

Average lifetime : 50,000h@80% (L80)

INSTALLATION

☐ Recessed mounted

DRAWING (mm) :



ORDER INFORMATION

** LEDs and driver not included.

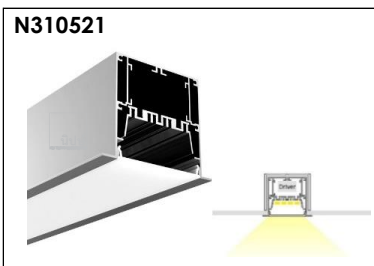
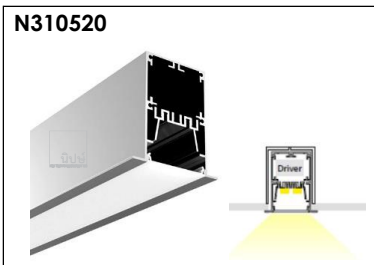
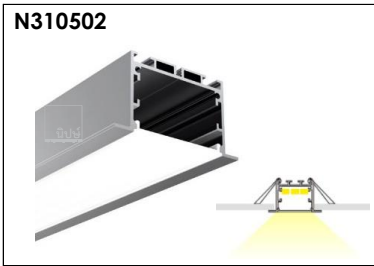
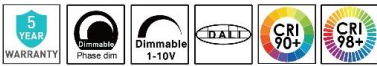
CODE No.	LENGTHS (mm)	TRIM COLOR (Standard)	TRIM COLOR (Custom)
☐ N305401	☐ 1000	☐ Aluminum	☐ Black
☐ N308402	Standard		☐ Gold
☐ N310406	☐ 2000		☐ Silver
☐ N310407	Standard		
☐ N310408	☐ 2400 - 4800		
☐ N310430	Custom		
☐ N308432			
☐ N310433			
☐ N310450			

Mini Recessed linear



Linear Lighting

for Flexible LED Strip Light



Office light series

Recessed linear
for Flexible LED Strip Light

GENERAL
IP20, Architectural lighting type
recessed

SPECIFICATION
Material : Aluminum + Frosted PC
Surface Treatment : Anodizing
Frame Color : Black, Gold, Silver
Transmittance : 80%

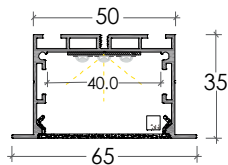
LED LAMPS / Recommended Strip :
CRI 98 SMD, LED Strip Light
POWER : 8W/m / 14W/m
CRI : 98+, R9=95
Color Consistency : SDCM ≤3
CCT : 2700K, 3000K, 4000K, 6500K
Beam angle : 120°
Operating temperature : -25~45°C
Average lifetime : 50,000h@80% (L80)

INSTALLATION

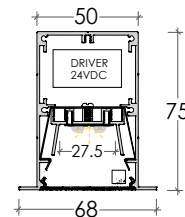
☐ Recessed mounted

DRAWING (mm) :

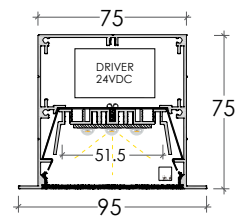
N310502



N310520



N310521



ORDER INFORMATION

** LEDs and driver not included.

CODE No.	LENGTHS (mm)	TRIM COLOR (Standard)	TRIM COLOR (Custom)
☐ N310502	☐ 1000	☐ Aluminum	☐ Black
☐ N310520	Standard		
☐ N310521	☐ 2000		☐ Gold
	Standard		
	☐ 2400 - 4800		☐ Silver
	Custom		

Office light

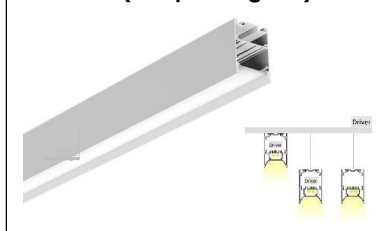


Linear Lighting

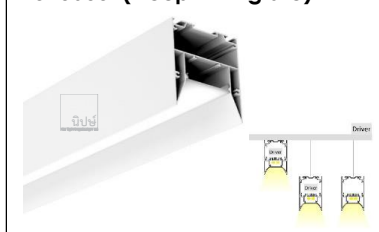
for Flexible LED Strip Light



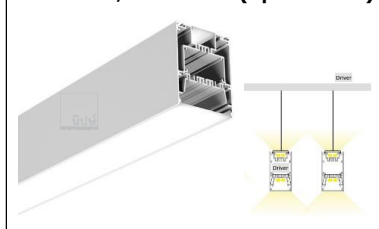
N310601 (Deep Anti-glare)



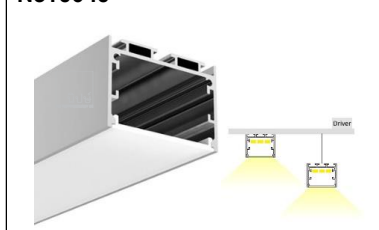
N310603 (Deep Anti-glare)



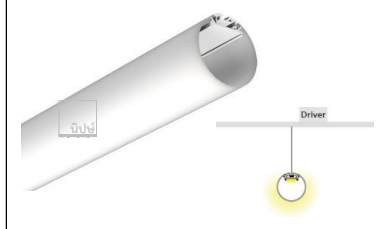
N310611 / N310612 (Up & Down)



N310640



N310680



Office light series

Suspendant linear
for Flexible LED Strip Light

GENERAL

IP20, Architectural lighting type
surface / suspendant

SPECIFICATION

Material : Aluminum + Frosted PC
Surface Treatment : Anodizing
Frame Color : Black, Gold, Silver
Transmittance : 80%

LED LAMPS / Recommended Strip :

CRI 98 SMD, LED Strip Light

POWER : 8W/m / 14W/m

CRI : 98+, R9=95

Color Consistency : SDCM ≤3

CCT : 2700K, 3000K, 4000K, 6500K

Beam angle : 120°

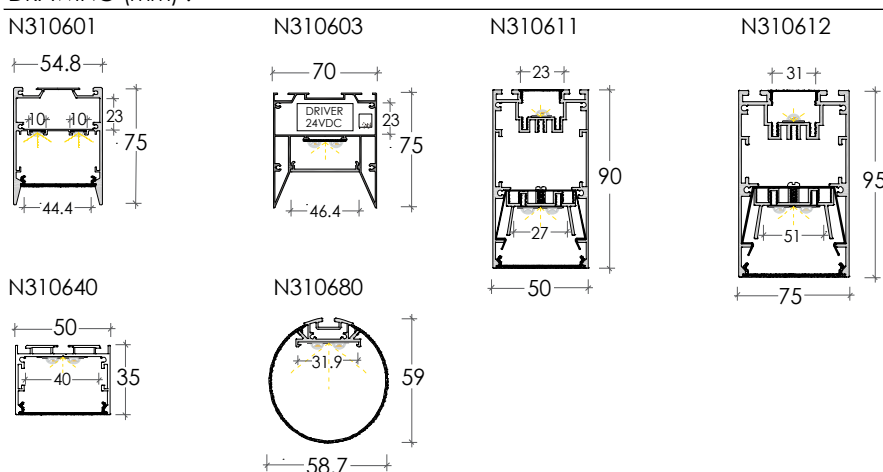
Operating temperature : -25~45°C

Average lifetime : 50,000h@80% (L80)

INSTALLATION

☐ Surface ☐ Suspendent
+Suspension kit

DRAWING (mm) :



ORDER INFORMATION

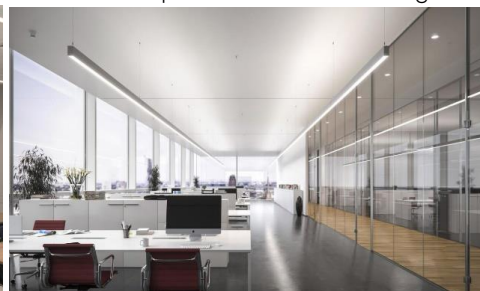
** LEDs and driver not included.

CODE No.	LENGTHS (mm)	TRIM COLOR (Standard)	TRIM COLOR (Custom)
☐ N310601	☐ 1000	☐ Aluminum	☐ Black
☐ N310603	Standard		☐ Gold
☐ N310611	☐ 2000		☐ Silver
☐ N310612	Standard		
☐ N310640	☐ 2400 - 4800		
☐ N310680	Custom		

Pendant Light (Anti-glare)

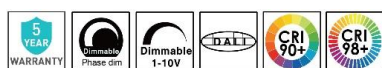


Architectural Up & Down LED Pendant Light

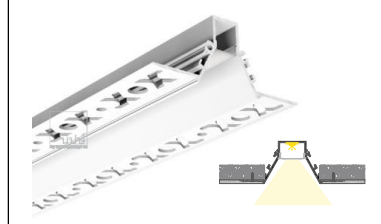


Linear Lighting

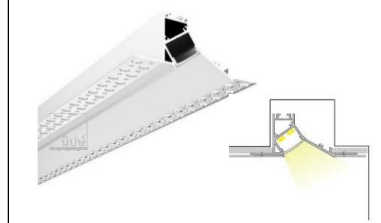
for Flexible LED Strip Light



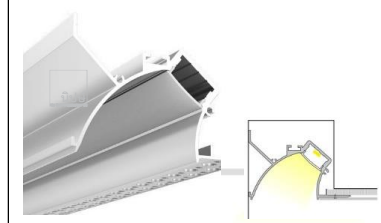
N310722 (Deep Anti-glare)



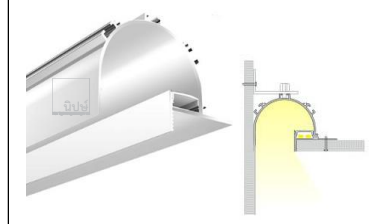
N310724 (Wall washing)



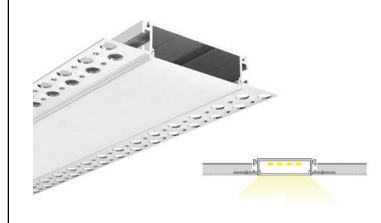
N310725



N310726



N310768 / N310769



Trimless Indirect light series

Plaster-in Trimless Recessed linear
for Flexible LED Strip Light

GENERAL

IP20, Architectural lighting type
recessed

SPECIFICATION

Material : Aluminum + Frosted PC
Surface Treatment : Anodizing
Frame Color : Black, Gold, Silver
Transmittance : 80%

LED LAMPS / Recommended Strip :

CRI 98 SMD, LED Strip Light

POWER : 8W/m / 14W/m

CRI : 98+, R9=95

Color Consistency : SDCM ≤3

CCT : 2700K, 3000K, 4000K, 6500K

Beam angle : 120°

Operating temperature : -25~45°C

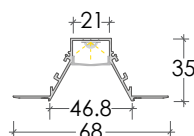
Average lifetime : 50,000h@80% (L80)

INSTALLATION

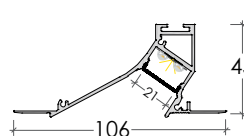
☐ Recessed mounted

DRAWING (mm) :

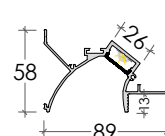
N310722



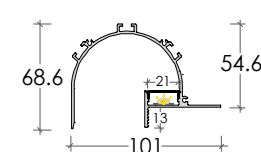
N310724



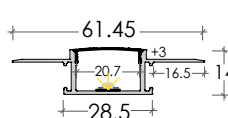
N310725



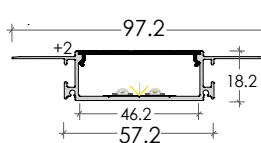
N310726



N310768



N310769

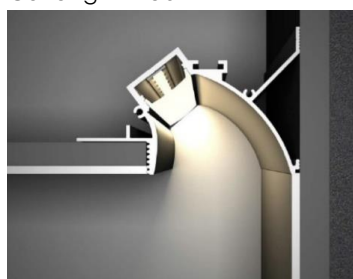


ORDER INFORMATION

** LEDs and driver not included.

CODE No.	LENGTHS (mm)	TRIM COLOR (Standard)	TRIM COLOR (Custom)
☐ N310722	☐ 1000	☐ Aluminum	☐ Black
☐ N310724	Standard		
☐ N310725	☐ 2000		☐ Gold
☐ N310726	Standard		
☐ N310768	☐ 2400 - 4800		☐ Silver
☐ N310769	Custom		

Cove light linear

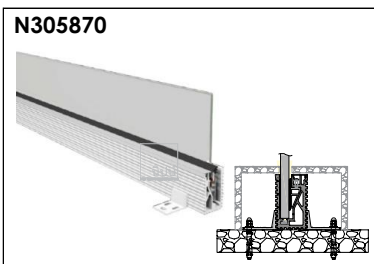
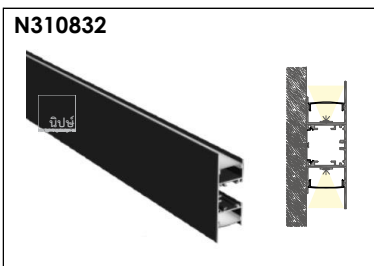
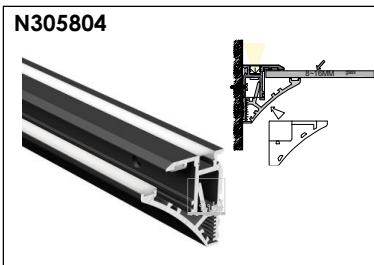
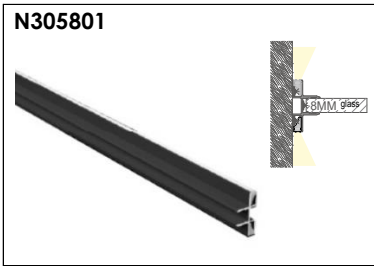
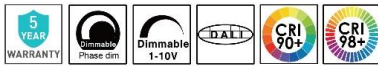


Plaster-in Trimless Recessed linear



Linear Lighting

for Flexible LED Strip Light



Mirror series

Mirror / Stair linear
for Flexible LED Strip Light

GENERAL
IP20, Architectural lighting type
surface

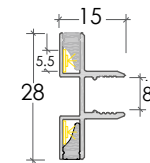
SPECIFICATION
Material : Aluminum + Frosted PC
Surface Treatment : Anodizing
Frame Color : Black, Gold, Silver
Transmittance : 80%

LED LAMPS / Recommended Strip :
Dot-free COB LED Strip Light
POWER : 3.5W/m / 6W/m / 12W/m
CRI : 90+
Color Consistency : SDCM ≤3
CCT : 2700K, 3000K, 4000K, 6500K
Beam angle : 120°
Operating temperature : -25~45°C
Average lifetime : 50,000h@80% (L80)

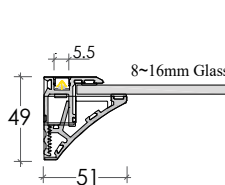
INSTALLATION
☐ Surface mounted

DRAWING (mm) :

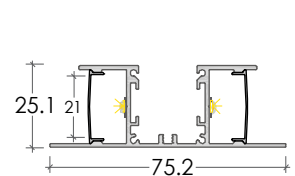
N305801



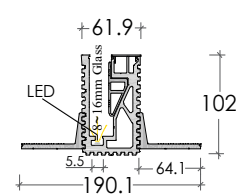
N305804



N310832



N305870



ORDER INFORMATION

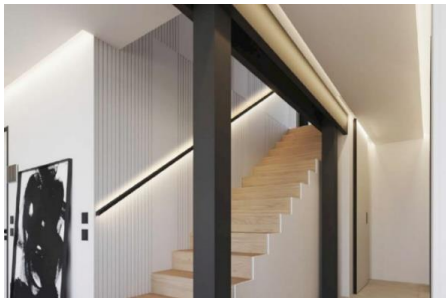
** LEDs and driver not included.

CODE No.	LENGTHS (mm)	TRIM COLOR (Standard)	TRIM COLOR (Custom)
☐ N305801	☐ 1000	☐ Aluminum	☐ Black
☐ N305804	Standard		
☐ N310832	☐ 2000		☐ Gold
☐ N305870	Standard		
	☐ 2400 - 4800		☐ Silver
	Custom		

Mirror linear



Stairs linear

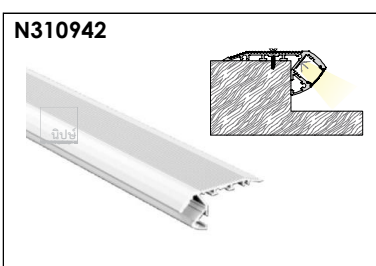
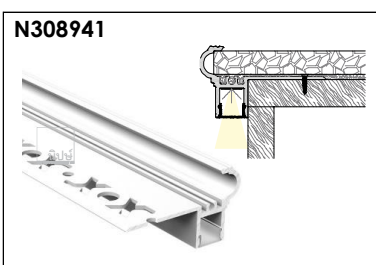
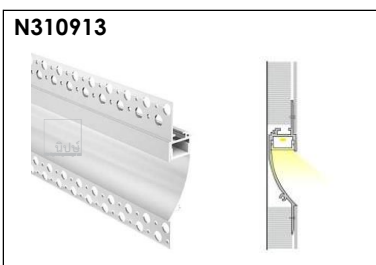
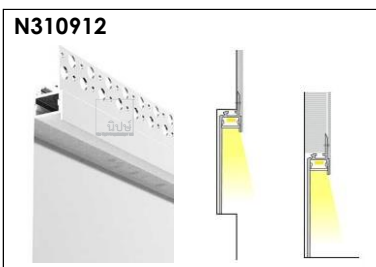


Mirror linear



Linear Lighting

for Flexible LED Strip Light



Linear lighting

Skirting / Stairs / Inground Light
for Flexible LED Strip Light

GENERAL

IP20, Architectural lighting type
recessed

SPECIFICATION

Material : Aluminum + Frosted PC
Surface Treatment : Anodizing
Frame Color : Black, Gold, Silver
Transmittance : 80%

LED LAMPS / Recommended Strip :

Dot-free COB LED Strip Light

POWER : 3.5W/m / 6W/m / 12W/m

CRI : 90+

Color Consistency : SDCM ≤3

CCT : 2700K, 3000K, 4000K, 6500K

Beam angle : 120°

Operating temperature : -25~45°C

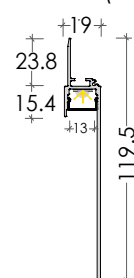
Average lifetime : 50,000h@80% (L80)

INSTALLATION

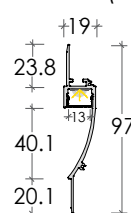
☐ Recessed mounted

DRAWING (mm) :

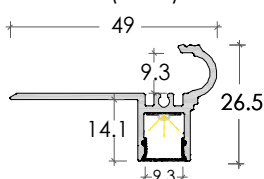
N310912 (Skirting)



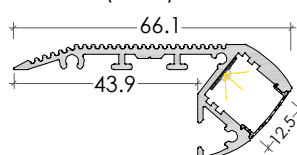
N310913 (Skirting)



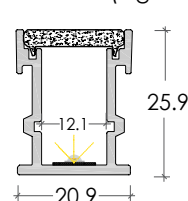
N308941 (Stairs)



N310942 (Stairs)



N310983 (Inground)



ORDER INFORMATION

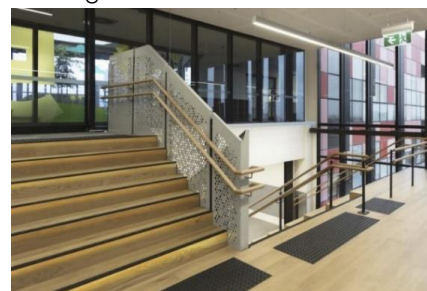
** LEDs and driver not included.

CODE No.	LENGTHS (mm)	TRIM COLOR (Standard)	TRIM COLOR (Custom)
☐ N310912	☐ 1000	☐ Aluminum	☐ Black
☐ N310913	Standard		☐ Gold
☐ N308941	☐ 2000		☐ Silver
☐ N310942	Standard		
☐ N310983	☐ 2400 - 4800 Custom		

Skirting light



Stairs light

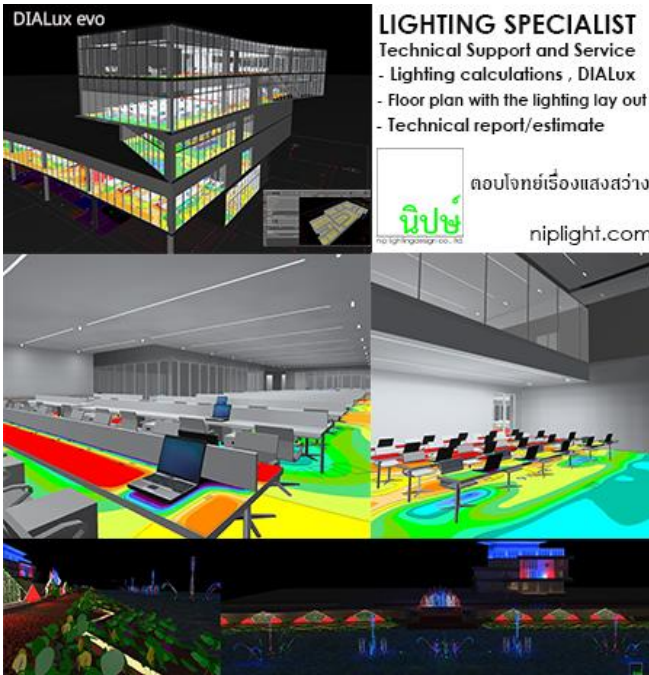


โคมไฟและวัสดุชิ้นส่วนที่เราเลือกใช้

Low UGR / CRI / SDCM



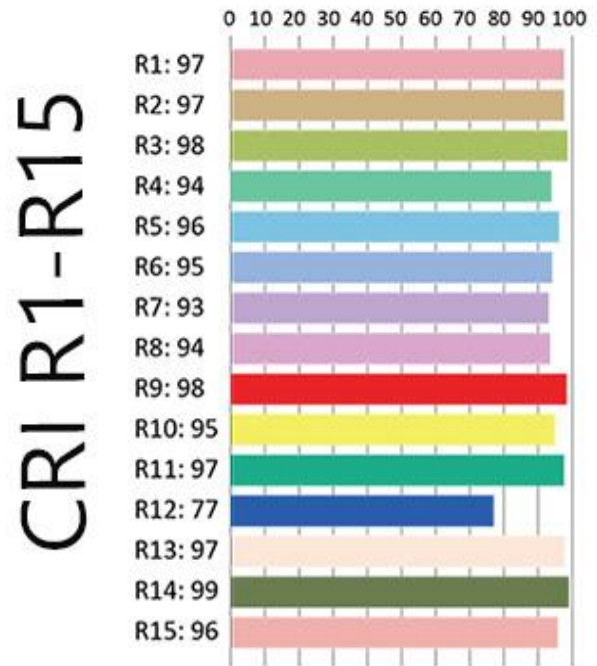
DIALux evo



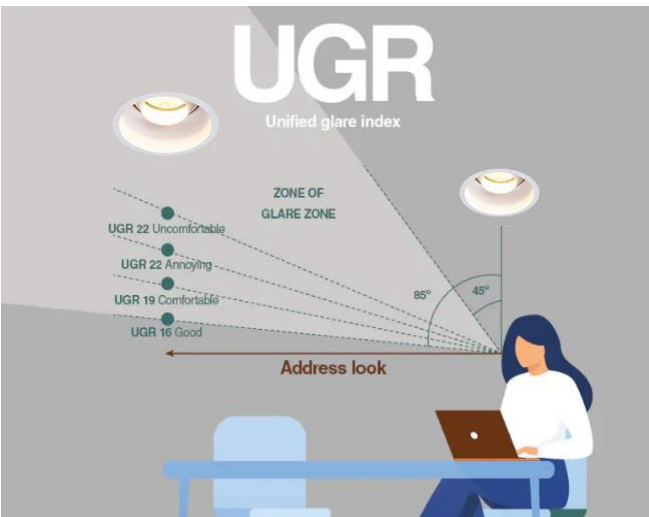
LIGHTING SPECIALIST
Technical Support and Service
- Lighting calculations , DIALux
- Floor plan with the lighting lay out
- Technical report/estimate

ตอบโจทย์เรื่องแสงสว่าง
นิปซ์
niplightingdesign co., ltd.
niplight.com

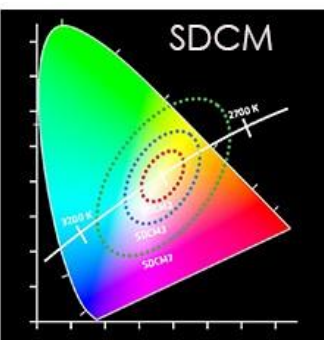
โคมไฟของเรา เราจะเลือกใช้ค่า CRI ดังนี้
High CRI 90+, CRI98 (R9>98) IES TM-30



เรามุ่งเน้นจำหน่ายโคมไฟที่มีค่าแสงบาดตาต่ำ ให้แก่ลูกค้าดังนี้
Unified Glare Rating (UGR) <19, <16, <10, <6, <2



ค่าความสม่ำเสมอของสีของชิป LED ที่เราเลือกนำมาใช้งาน
มี 2 แบบให้เลือก SDCM ≤2 , SDCM ≤3



Application of SDCM in Different LED Lighting

Application	Suggested
Art Galleries and Museums	SDCM 1-2
Healthcare Facilities	SDCM 1-2
Airport , Shop , Showroom	SDCM 1-2
Hotel, Residential Spaces	SDCM 2-3
Office Spaces	SDCM 3-4
Manufacturing & Industrial	SDCM 4-5
Outdoor Lighting	SDCM 5-6

ตัวอย่างผลงาน

Timberton resort khaoyai

Area : Reception, Entrance hall, Guest room

Product type : LED Downlight (UGR<16), CRI 90+

: LED Striplight, CRI 90+, SDCM≤3

