

Dot-Less II

With a higher fixture profile of 19mm(W) x 20mm(H), the Dot-Less II is even more seamless compare to Dot-Less 1-2.

The Dot-Less II can achieve uniform effect without LED dots seen and at a much lower cost than Dot-Less 1-2. Making it the ideal choice for application that are very close to reflective surfaces.



DC24V

17W/m &
8W/m

Indoor

Ra95 typ

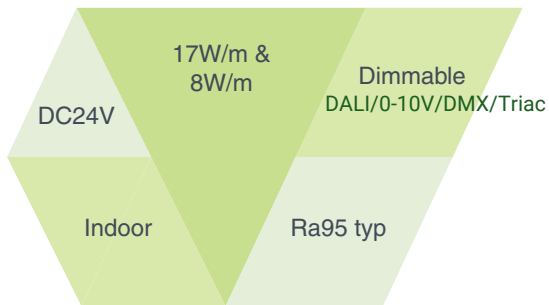
Dimmable

FEATURES

- Linear LED fixture with uniform light throughout the whole surface of fixture's diffuser and "LED Spot-Less" (=Dot-Less) feature
- Available in CCT 2500K, 2700K, 3000K, 3500K, 4000K and 5000K (2200K custom available, production upon order)
- Most suitable for those applications of indirect lighting which illuminates glossy material like tile, metal, onyx, and so forth.
- Excellent efficiency using NICHIA Japan LED



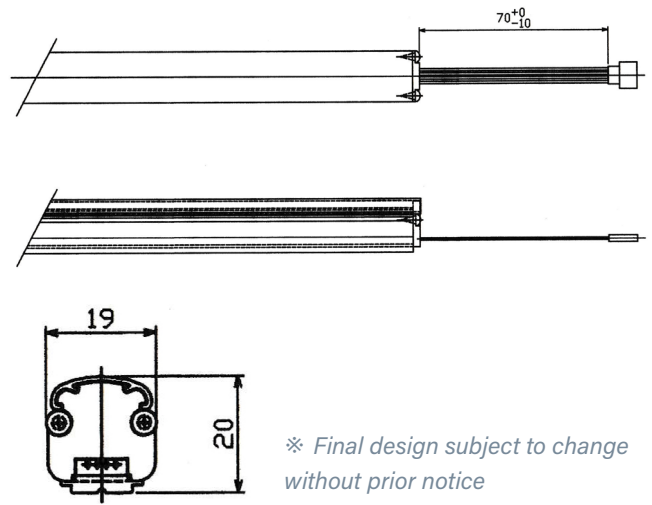
BASIC SPECIFICATION



+ LM 80 Test report available upon request

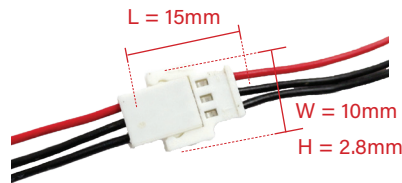
+ Comply with IS 10322 IEC 60598-2-20:2014 standards

MECHANICAL DRAWING



Male-Female Connector

(Standard Spec comes with this connector)



White Cable = Positive (+)

Two Black Cable = Negative (-) (to be joined together)

MODEL NO

Model No

DX

XXXX – XXX

B

Fixture Type

Fixture Length

Color Temperature

Type of LED used

Fixture Type

- DL** → Dot-Less II (17W per meter)
- DE** → Dot-Less II (8W per meter)

Fixture Length (for Dot-Less II)

- 0960** → L960mm, **Standard**
 - 0640** → L640mm, **Standard**
 - 0320** → L320mm, **Standard**
 - 0112** → L112mm, Build-to-order
 - 0860** → L860mm, Build-to-order
- Other Available Fitting Length Types:
+ L747mm & L1175mm Build-to-order basis

Color Temperature

- 253** → 2500K (Build-to-order) ***Available only in Ra85 typ**
 - 273** → 2700K
 - 303** → 3000K
 - 353** → 3500K (Build-to-order), Ra94 typ.
 - 403** → 4000K
 - 503** → 5000K (Build-to-order)
- + 2200K available as custom-spec

Type of LED used

- A** → Type A, manufactured by NICHIA Japan (Ra85 typ.)
***Applicable for only CCT2500K & Custom-made 2200K**
- B** → Type B, manufactured by NICHIA Japan (Ra95 typ.)
(= Standard for Dot-Less II)

Example

DL

0960 – 303

B

Fixture Type

Fixture Length

Color Temperature

Type of LED used

Dot-Less II
(17W per meter)

L960mm, Standard

3000K

Type B,
manufactured by
NICHIA Japan
(Ra95 typ.)

PRODUCT SPECIFICATIONS						
Product Name	Dot-Less II (17.0 W/meter)			Dot-Less II (8.0 W/meter)		
Model No.	DL0320-XXB (L320mm)	DL0640-XXB (L640mm)	DL0960-XXB (L960mm)	DE0320-XXB (L320mm)	DE0640-XXB (L640mm)	DE0960-XXB (L960mm)
Input Voltage	24.0Vdc (TDK Lambda recommended)					
Power Consumption	5.5 W (Apprx. 17.0 W/meter)	10.8 W (Apprx. 17.0 W/meter)	16.3 W (Apprx. 17.0 W/meter)	2.7 W	5.4 W	8.0 W
Dimension (mm)	320*19*20(H)	640*19*20(H)	960*19*20(H)	320*19*20(H)	640*19*20(H)	960*19*20(H)
Weight	93 grams	185 grams	277 grams	93 grams	185 grams	277 grams
Casing Body	Aluminium extrusion heatsink with frost polycarbonate cover					
LED Beam Angle	105°	105°	105°	105°	105°	105°
Operating Temperature	-10°C~45°C	-10°C~45°C	-10°C~45°C	-10°C~45°C	-10°C~45°C	-10°C~45°C
Maximum Length of Series Connection	4 meter	4 meter	4 meter	8 meter	8 meter	8 meter
Option Parts	Mounting clip bracket 0° (flat) type / or 45° fixed angle type					
No of LEDs	21	42	63	21	42	63
Power Supply Unit	24.0Vdc Constant-Voltage Switching Power Supply (*TDK Lambda brand recommended)					
Dimming Control	With recommended 0-10V / DALI / or DMX compatible dimming driver unit					
Lumens (typical @ 3000K)	275 Lumens	551 Lumens	827 Lumens	177 Lumens	354 Lumens	532 Lumens
Available LED Color						
Daylight 6500K (Ra85)	●	●	●	●	●	●
Cool White 4000K (Ra95)	●	●	●	●	●	●
3500K (Ra94)	●	●	●	●	●	●
Light Warm 3000K (Ra95)	●	●	●	●	●	●
Standard Warm 2700K (Ra95)	●	●	●	●	●	●
Dark Warm 2500K (Ra85)	●	●	●	●	●	●
RGB Full Color	NA	NA	NA	NA	NA	NA

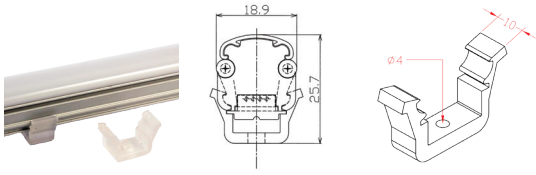
* For installation/wiring, refer to page 41.

- + LM80 test report available upon request
- + Comply with IS 10322 IEC 60598-2-20:2014 Standards

OPTIONAL ACCESSORIES

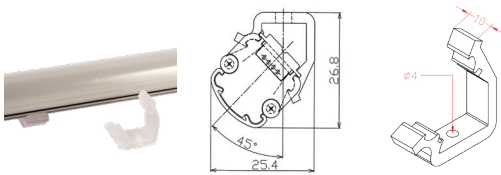
1 Mounting Clip Bracket 0° Flat Type

Model: MC-0DEG



2 Mounting Clip Bracket 45° Type

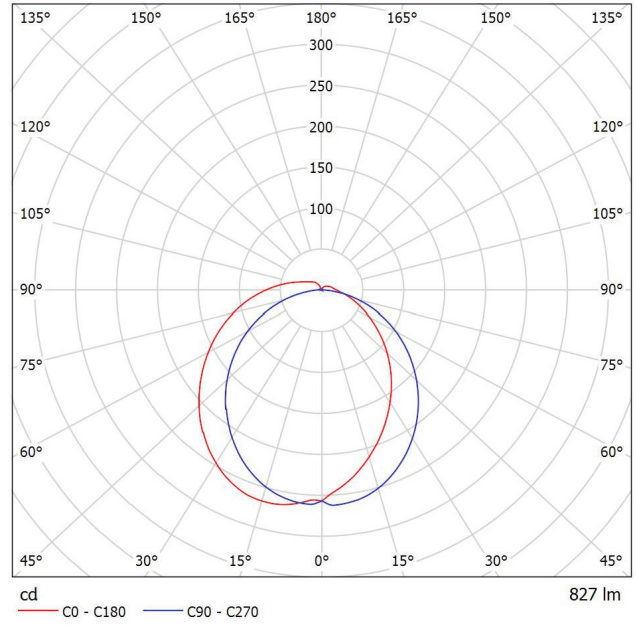
Model: MC-45DEG



PHOTOMETRICS

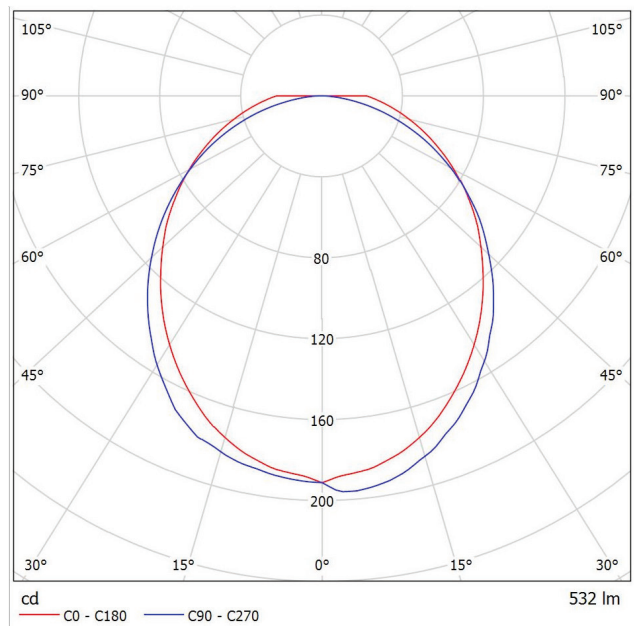
Brownie Ecotronics:
Dot-Less II, 3000K, L960mm, 17.0W

Product Code: DL0960-30FB
 Luminous Flux (luminaire): 827 lm
 Luminous Flux (lamp): 827 lm
 Luminaire Wattage: 17.0W



Brownie Ecotronics:
Dot-Less II, 3000K, L960mm, 8.0W

Product Code: DL0960-303B
 Luminous Flux (luminaire): 532 lm
 Luminous Flux (lamp): 532 lm



PROJECT REFERENCE

