MDL Technolgy

01 PARAMETER

DESCRIPTION

● Light source directly using light board, without T8 or T5 lamp, luminous efficiency is higher.

● Take high-quality shell, it is durabe, reliable protection, flamp retardant technology assured use.

● Use high-quality SMD2835 chip and constant cureent driver, stable and reliable performance, high luminous

LISTINGS

● CRI is over 80Ra, 20000Hslonger life span.CE ROSH listed

●Easy installation. Pendent, ceiling and wall mounting methods for options.

PERFORMANCE

● Rated lifetime L80: 20,000 hours

● Color Temperture Range: 2700K, 3000-3500K, 4000-4500K, 5500-6500K

●CRI: 80 +

● Emergency: 1hs, 1.5hs, 2hs, 3hs available

● Triac/0-10V/Dali available

● Waterproof: IP65

ELECTRICAL

● Input Voltage: AC220-240V   50/60Hz

● Driver Efficiency: >50%

● Power Factor: >0.5

● Beam angel: 120°

● THD<25%

THERMAL

● -20℃ ～ +50℃ operating temperature

● -30℃ ～ +70℃ storage temperature

CONSTRUCTION

● PC material, concise and beautiful appearance, electrostatic coating.

●Internal driver, easy to install, user friendly.

● Optical level diffusion plate and guide plate

● PC material wear, folding, pressure resistance is good, and can be 180 degrees bending, no cracks.

WARRANTY

● 2years warranty; see cnmdled.com for warranty details

APPLICATIONS

● Garages

● Under-bridge

● Railway platforms

●Commercial Public area

● Washing houses
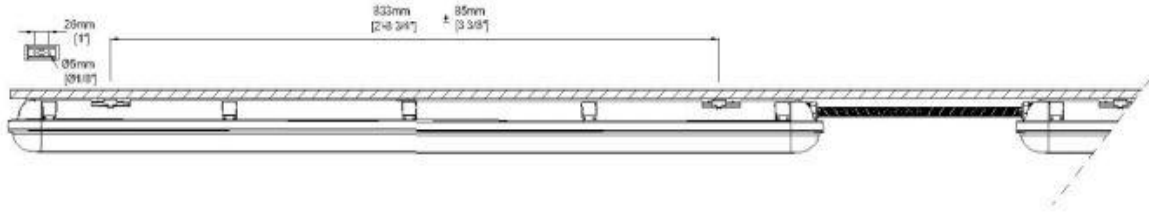
● Tunnel

● Hospitality
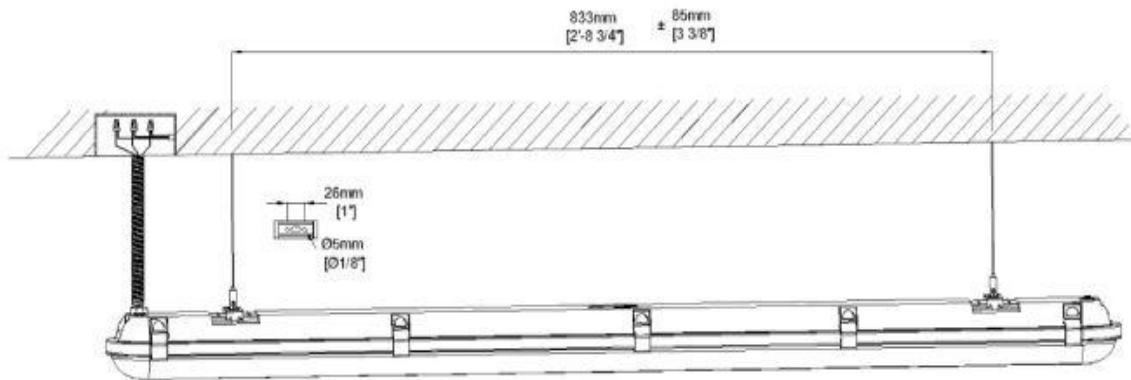
● Underground Parking Lot

02 PERFORMANCE SUMMARY

Item	Watts	Lumens	LPW	CCT Range	CRI	INPUT	IP	SIZE	Emergency
MDL-SF-1	18W	1,800	100	3000K-6500K	80+	AC220-240V	IP65	600MM	NO
MDL-SF-1	20W	2,000	100	3000K-6500K	80+	AC220-240V	IP65	600MM	NO
MDL-SF-1	36W	3,600	100	3000K-6500K	80+	AC220-240V	IP65	1200MM	NO
MDL-SF-1	40W	4,000	100	3000K-6500K	80+	AC220-240V	IP65	1200MM	NO
MDL-SF-1	45W	4,500	100	3000K-6500K	80+	AC220-240V	IP65	1200MM	NO
MDL-SF-1	48W	4,800	100	3000K-6500K	80+	AC220-240V	IP65	1200MM	NO
MDL-SF-1	50W	5,000	100	3000K-6500K	80+	AC220-240V	IP65	1500MM	NO
MDL-SF-1	55W	5,500	100	3000K-6500K	80+	AC220-240V	IP65	1500MM	NO
MDL-SF-1	60W	6,000	100	3000K-6500K	80+	AC220-240V	IP65	1500MM	NO

03 INSTALLATION

Surface Mount

Suspending

J-Box

J-box install fitting (option)