



Optional Interchangeable Reflectors



Telica II

Telica II 10W Dimmable, Switchable CCT LED Fire-rated Downlight with Changeable Reflector

Available March 2023 Telica II • Switchable CCT (3000K/4000K/6000K) • Mains dimmable • Class III Luminaire, IP65 • Separate Class II driver • BS476 Part 21 / BE EN 1365-2 Fire-Rated to 30, 60 and 90 minutes • Compatible with Kosnic emergency modules • Choice of interchangeable reflectors with different finishes • High lumen output. • Long life of 50,000h. • Instant start. • Negligible UV output. • Mercury free.

TEL210-WHT (07156)

Specification

Voltage	200-240Vac 50/60Hz
Current (mA)	48
Rated Power (W)	10
CCT Words	Warm White (Cool White, Day Light)
CCT (K)	3000 default (4000, 6000)
Total Luminous Flux (lm)	900 (980, 900)
Beam Angle(°)	40
Nominal Lifetime (h)	50000
L70B50 Lifetime (h)	50000
L80B10 Lifetime (h)	50000
L90 Lifetime (h)	37000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
SDCM of CCT	<6
Flicker %	20
Power Factor	0.9
Dimensions (L x W x D) (mm)	69 x 80 φ
Cut-Out (mm)	70
Ambient Temperature Range (°C)	-15 to 40
Weight (kg)	0.276
In-rush current (peak/duration) (A)	5 / 350us
Protection Rating	Class III Luminaire, Class II driver
IK Rating	IK07
IP Rating	IP65 Luminaire, IP20 driver
Driver Part Number	MHDR-002
Driver Input Voltage	200-240Vac
Driver Maximum Input Current (mA)	100
Driver Maximum Power (W)	10
Driver Output Voltage (Vdc)	24-30

Driver Output Current (mA)	310
Driver Dimensions (L x W x D) (mm)	95 x 40 x 25
Driver Power Factor	0.9
Driver Ripple Current (%)	20
Driver Maximum Case Temperature (°C)	75

Light Source Specification

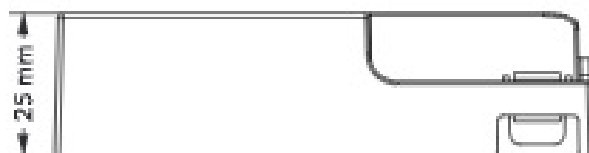
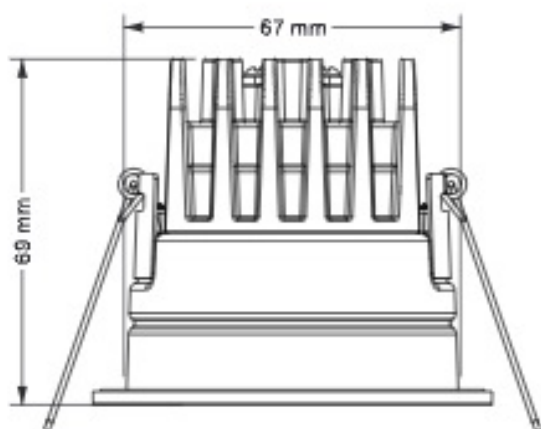
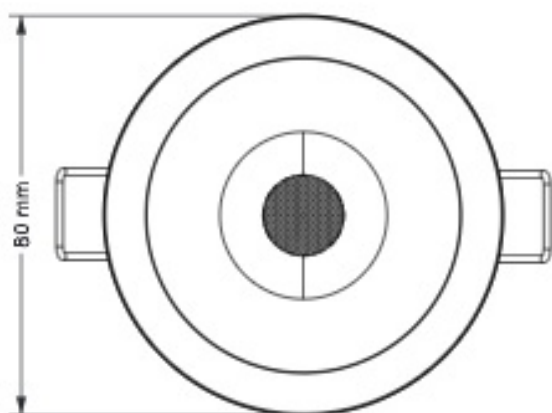
Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	DLS
Light Source Cap Type (or other interface)	Connector
Mains / Non-Mains (MLS/NMLS)	NMLS
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	N
Energy Consumption in on-mode (kWh/1000H)	9
Energy Efficiency Class	F
Useful Luminous Flux (lm)	830 (900, 830)
Beam Angle correspondence (in 360°/120°/90°)	90
CCT	3000 (4000, 6000)
On-Mode Power (Pon) (W)	8.7
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
Height (mm)	36
Width (mm)	63
Depth (mm)	63
Chromaticity Co-Ordinates (X)	0.447 (0.375, 0.316)
Chromaticity Co-Ordinates (Y)	0.405 (0.368, 0.338)
Peak Luminous Intensity (DLS) (cd)	1650 (1900, 1650)

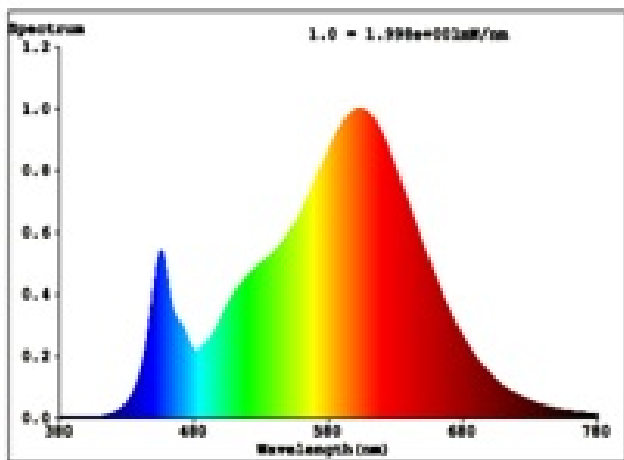
Beam Angle (DLS)	40
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.96
Light Source Supply	28Vdc 310mA

Optional Gears and Accessories

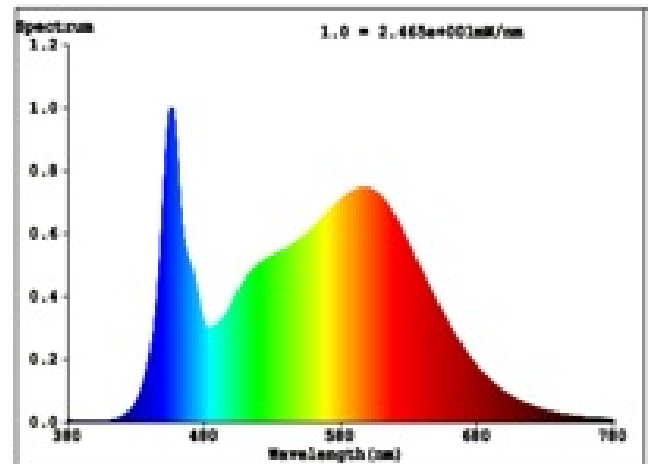
Optional Gears 1	Neka Emergency module EMPAD01
Optional Gears 2	Wireless AC Triac dimmer CYDIMRFT1
Accessories 1	Interchangeable Reflector Red TELRE-WRED
Accessories 2	Interchangeable Reflector Matt Black/Red TELRE-BRED
Accessories 3	Interchangeable Reflector Black TELRE-WBLK
Accessories 4	Interchangeable Reflector Matt Black/Black TELRE-BBLK
Accessories 5	Interchangeable Reflector Brass TELRE-WBAS
Accessories 6	Interchangeable Reflector Matt Black/Brass TELRE-BBAS
Accessories 7	Interchangeable Reflector Silver TELRE-WSLV
Accessories 8	Interchangeable Reflector Matt Black/Silver TELRE-BSLV

Technical Drawings

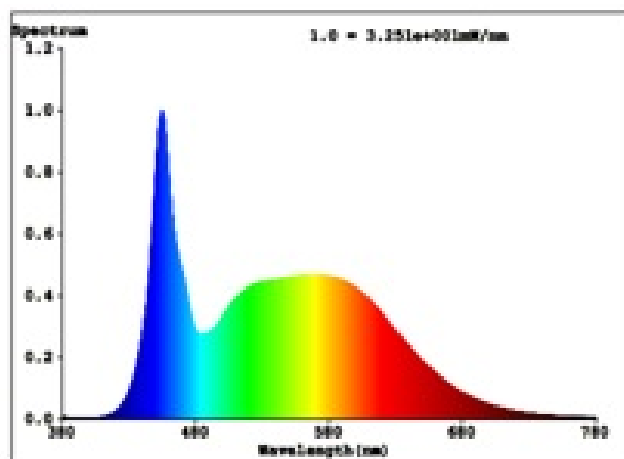




3000K



4000K



6000K

Mains Dimming Compatibility

The operation of common mains voltage AC dimmers appears similar but the electrical characteristics vary significantly. While this makes no difference to filament lamps, the effect on the electronics within the LED driver can be dramatic and incompatible. The recommendations given are based on laboratory testing and should be used as guidance. The complicated application environment and huge variation in dimmer construction mean it is not possible to guarantee that a dimmer will work perfectly. In extreme cases incompatible dimmer switches may damage the LED drivers. Please ensure that the set-up is tested for performance before committing to a large project.

Recommended Dimmer Switches for Mains Dimming:

Manufacturer	Model	Marked Rating	Notes
Aurora	AU-DSP400X	400W	Leading
BG	DM400AP	5-50W LED	Leading
Click	CMA145 (or MD9022)	250W	Leading
CYANIRIS	CYDIMRFT1 (Remote)	2 x 288W	Programmable
Hamilton	H-GDM400W	400W	Trailing
Hamilton	H-LEDStat	100w	Programmable
Hamilton	L400/2 (or N4002)	400W	Leading
Varilight	Eclique (JDQI401S)	400W	Trailing
Varilight	V-Dim	400W	Leading
Varilight	V-Pro	100W LED	Programmable
Zano	ZGRID500	50W LED	Leading