



Nevis

Nevis 27W CAT2 LED Twin strip louvre panel with switchable CCT

- Switchable CCT (3000K/4000K/5000K) • Low glare UGR <16 • Supplied with flicker-free DC driver as standard • Dimmable DALI/1-10V/PUSH driver available • Compatible with Kosnic emergency modules • Optional surface and suspension mounting kits available • Long life of 40,000h • Polycarbonate Tp(a) optical reflector • Slim profile designs • Instant start

NEV27-SCT (07258)

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	124
Rated Power (W)	27
CCT Words	Warm White, Cool White, Day Light
CCT (K)	3000, 4000 (default), 5000
Total Luminous Flux (lm)	3400 (3300, 3400)
Beam Angle(°)	65
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	60000
L80B10 Lifetime (h)	60000
L90 Lifetime (h)	42000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
UGR	<16
SDCM of CCT	<6
Flicker %	<1
Power Factor	0.95
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	2.85
In-rush current (peak/duration) (A)	28 A / 100 us
Protection Rating	Class III Luminaire, Class II driver
IK Rating	IK04
IP Rating	IP20
Emergency Luminous Flux (lm)	550
Driver Part Number	CertaDrive 28W 0.7A 40V 230V I
Driver Input Voltage	220-240 Vac 50/60 Hz
Driver Maximum Input Current (mA)	150
Driver Maximum Power (W)	28

Driver Output Voltage (Vdc)	30-40
Driver Output Current (mA)	700
Driver Dimensions (L x W x D) (mm)	118 x 42 x 28
Driver Power Factor	≥ 0.90
Driver Ripple Current (%)	$\leq 4\%$
Driver Maximum Case Temperature (°C)	75
On-Site Warranty	2 Years

Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	NDLS
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)	25
Energy Efficiency Class	D
Useful Luminous Flux (lm)	4000 (2700, 4000)
Beam Angle correspondence (in 360°/120°/90°)	360
CCT	3000, 4000, 5000
On-Mode Power (Pon) (W)	25
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	595
Width (mm)	595

Depth (mm)	20
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.431 (3000k), 0.376 (4000k), 0.347 (5000k)
Chromaticity Co-Ordinates (Y)	0.402 (3000k), 0.372 (4000k), 0.357 (5000k)
Peak Luminous Intensity (DLS) (cd)	N/A
Beam Angle (DLS)	N/A
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.96
Displacement Factor	N/A
Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	N/A
LED light source replaces fluorescent without integrated ballast of particular wattage (Mains LED/OLED) (Y/N)	N/A
Replacement W Claim (Mains LED/OLED) (W)	N/A
Flicker metric (pst LM) (x,x)	N/A
Stroboscopic effect metric (SVM) (x,x)	N/A
Light Source Supply	36Vdc 700mA

Optional Gears and Accessories

Optional Gears 1	Emergency module UEM03
Optional Gears 2	Self-Test Emergency module UEM03/ST
Optional Gears 3	Battery BAT48L1
Optional Gears 4	Emergency module UEM04
Optional Gears 5	Self-Test Emergency module UEM04/ST
Optional Gears 6	Battery KBAT2600
Optional Gears 7	Niah Emergency kit EMPAD02
Optional Gears 8	Battery BAT26L1
Optional Gears 9	Dimmable Driver CYC030TDC30-90 (Set to 700mA)
Accessories 1	Suspension kit SUS04
Accessories 2	Surface mounting kit SMT0606

Technical Drawings



