CoreLine Trunking Gen2

LL217X 80S/840 1x PSD BV WB

LL217X | Coreline Trunking Gen2 – Power supply unit with DALI interface – Wide beam – 84° x 84°

CoreLine Trunking Gen2 is a light-line system that is designed for simplicity. It comes in a choice of lengths, flux packages and beam shapes to suit every project and application. Easy to use and integrate with spots and sensors, CoreLine Trunking Gen2 provides consistent, high-quality lighting with added protection against accidental water ingress. The innovative system is also easy to assemble and install for faster retrofits and refurbishments.

Product data

General Information

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Product family code	LL217X [Coreline Trunking Gen2]
Lighting Technology	LED
Value ladder	Value

Light Technical

Luminous Flux	8,000 lumen
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	160 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)

Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	84° x 84°
Unified glare rating CEN	22

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Initial CLO power consumption	– W
Average CLO power consumption	– W
Power Consumption	50 W
Inrush current	25.1 A
Inrush time	0.214 ms
Power Factor (Fraction)	0.95

data subject to change

CoreLine Trunking Gen2

Connection	Push-in connector 5-pole		EU RoHS compliant	Yes
Cable	–			
Number of products on MCB of 16 A type B	21		**Initial Performance (IEC Compliant)**	
			Luminous flux tolerance	+/-10%
Temperature			Initial chromaticity	(0.38, 0.38) SDCM <3
Ambient temperature range	–20 to +35 °C		Power consumption tolerance	+/-10%

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	0.1 %
Lumen maintenance at median useful life* 50000 h	L85
Lumen maintenance at median useful life* 100000 h	L75

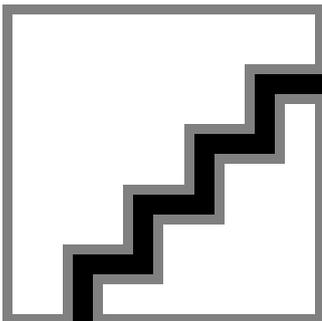|	
Mechanical and Housing	
Housing Material	Steel
Reflector material	–
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Color	White RAL9016
Optical cover/lens finish	Frosted
Overall length	1,700 mm
Overall width	80 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 80 x 1700 mm

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data	
Full product code	871951410756400
Order product name	LL217X 80S/840 1x PSD BV WB
Order code	910925867498
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material number (12NC)	910925867498
Full product name	LL217X 80S/840 1x PSD BV WB
EAN/UPC – Case	8719514107564

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	–
Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	–
CE mark	Yes
ENEC mark	ENEC plus mark
Warranty period	5 years

850°C ■ IK 02 ⏚

Dimensional drawing

CoreLine Trunking Gen2

www.lighting.philips.com

2023, May 16 – data subject to change