

Ideal for Short Light Units for Line Scanning!

Constant-current Analog Control Units for LED Light Units

PSCC-30048



**The 300-W Capacity
Is Ideal for
Short Light Units!**

[Features]

Compact

Capacity: 300 W

- Light intensity can be controlled with a variable current.
- Ethernet, EIA-485, and parallel communications are supported.

■ **Applicable Light Units**

LNSP-FN Series



- High-output White Light Units
- Forced-cooled (fan-cooled) Light Units

LNSP-UV-FN Series



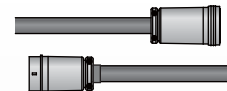
- Ultraviolet Irradiators (365 nm)

Model	Power consumption (typ.)	Emitting surface length
LNSP-100SW-FN	41 W	100 mm
LNSP-200SW-FN	81 W	200 mm
LNSP-300SW-FN	117 W	300 mm
LNSP-400SW-FN	157 W	400 mm
LNSP-500SW-FN	192 W	500 mm
LNSP-600SW-FN	233 W	600 mm
LNSP-700SW-FN	268 W	700 mm
LNSP-100UV365-FNNR	31 W	100 mm
LNSP-200UV365-FNNR	61 W	200 mm
LNSP-300UV365-FNNR	92 W	300 mm
LNSP-100UV365-FN	31 W	100 mm
LNSP-200UV365-FN	61 W	200 mm
LNSP-300UV365-FN	92 W	300 mm

PSCC-30048

Optional Cables

QCBM Series



Cable length
2 m
3 m
5 m
10 m
20 m



Constant-current Analog Control Units for LED Light Units

PSCC-30048

■ Specifications

Model	PSCC-30048		
Lighting method	Constant lighting		
Drive method	Constant-current system		
Light control method	Variable current control		
Number of channels	1 channel		
Applicable Light Unit rating	43 VDC max., 272 W max. (including 15 W max. for fans)		
Light intensity control	Manual control	Manual and external intensity control Front manual/external switch (MODE) Set any of 256 levels via the setting switch. Press and hold the switch for 2 seconds to lock the intensity value.	
	External control	Ethernet communications	Command input via TCP/IP or UDP/IP communications
		EIA-485 communications	Command input via EIA-485 communications
		Parallel communications	8-bit intensity value setting (B0 to B7) and write signal (WR) External control mode can be selected by pushing the setting switch while turning ON the power to the Control Unit.
		External control mode can be selected by pushing the setting switch while turning ON the power to the Control Unit.	
Lighting control	Ethernet communications	Command input via TCP/IP or UDP/IP communications	
	EIA-485 communications	Command input via EIA-485 communications	
	Parallel bit input	OFF signal (ON/OFF)	
EIA-485 communications settings	ID	Set via the front ID switch (00 to 03). Maximum of 4 connected Units.	
	Terminating resistance	Set via the front ID switch. (Terminating resistance is connected only when ID is set to 00.)	
Error detection display	LED burnout detection, open circuit	Front digital "E01" display	
	LED burnout detection, short circuit	Front digital "E02" display	
	Control Unit fan slowdown or stoppage	Front digital "E03" display	
	Communications error detection	Front digital "E04" display	
	Connector unconnected detection	Front digital "E04" display	
Error detection output	Light Unit fan slowdown or stoppage	Front-panel digital "F01" to "F07" display	
	Ethernet communications	Confirmed with status command via TCP/IP or UDP/IP communications. (Command sent at error occurrence.)	
	EIA-485 communications	Confirmed with status command via EIA-485 communications. (Command sent at error occurrence.)	
Input power	Parallel communications	Output to pins 19 and 20. Photocoupler isolation. Open-collector output. Closed for alarm (Load current: 10 mA max.)	
	100 to 240 VAC (+10%, -15%), 50/60 Hz		
Power consumption (typ.)	360 VA		
Operating environment	Temperature: 0 to 40°C, Humidity: 20% to 85% RH (with no condensation)		
Storage environment	Temperature: -20 to 60°C, Humidity: 20% to 85% (with no condensation)		
Cooling method	Forced cooling		
CE Marking	Safety standard: Conforms to EN 61010-1, EMC standard: Conforms to EN 61326-1, Class A.		
Environmental regulations	RoHS compliant		
Material, coating, surface processing	Steel plate, thickness of cover: 1.0, Chassis thickness: 1.6, N3 (leather tone)		
Weight	3,100 g max.		
Accessories	2-m-long 3-prong AC power cord with ground terminal x1		

■ Optional Cable Specifications

Model	QCBM-2	QCBM-3	QCBM-5	QCBM-10	QCBM-20
Cable length	2 m	3 m	5 m	10 m	20 m

■ Applicable Light Units

Refer to the CCS website or CCS catalog for detailed Light Unit specifications.

LNSP-FN Series	
LNSP-100SW-FN (power consumption: 41 W)	LNSP-500SW-FN (power consumption: 192 W)
LNSP-200SW-FN (power consumption: 81 W)	LNSP-600SW-FN (power consumption: 233 W)
LNSP-300SW-FN (power consumption: 117 W)	LNSP-700SW-FN (power consumption: 268 W)
LNSP-400SW-FN (power consumption: 157 W)	



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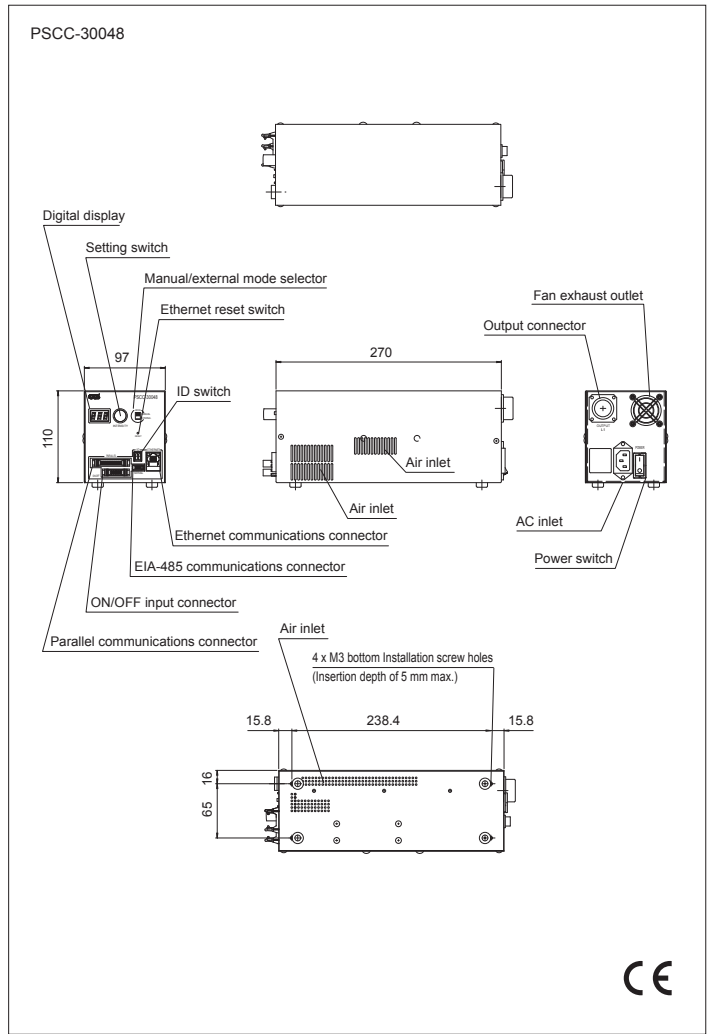
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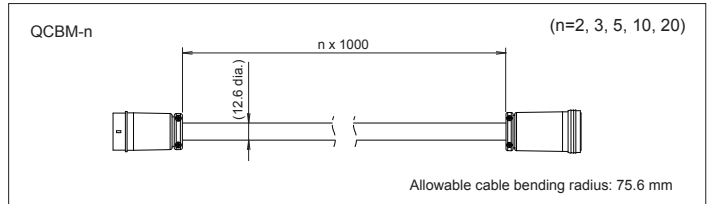
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■ Dimensions (mm)



■ Optional Cable Dimensions (mm)



LNSP-UV-FN Series

LNSP-100UV365-FNNR (power consumption: 31 W)	LNSP-100UV365-FN (power consumption: 31 W)
LNSP-200UV365-FNNR (power consumption: 61 W)	LNSP-200UV365-FN (power consumption: 61 W)
LNSP-300UV365-FNNR (power consumption: 92 W)	LNSP-300UV365-FN (power consumption: 92 W)