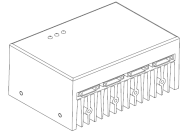


Corona II - LED Line Lighting System Ordering system

Tube light

More Flexible – Various lighting solutions			
Dark field Top light	Bright field Back light	Tube light 0° viewing angle	Tube light 15° viewing angle
			
ID2: A,B,C,D	ID2: H	ID2: T	ID2: U
			

The Chromasens LED controller XLC4 is designed to achieve optimal performance with Corona II LED modules. All modules are identified by serial number and can provide temperature information using I²C communications.

LED Controller XLC4	
CP000411-1A	CP000411-1F4
Standard LED controller	Four channel flashing option
	

ProductID	ID1	ID2	ID3	ID4	ID5	ID6	ID7
CP000200	340	C	04	2.5	B	1	B
General identifier for Corona II products	Optical Length of Module	Reflector Type	LED Color	Cable Length	Connector	Screen options	Heat sink options

The Chromasens Corona II family offers a highly flexible choice of LED lighting modules. The part number defines the complete set of options. The fields have no default value, thus all fields need to be defined to establish a valid part number.

Example: CP000200-340C-04-2.5B1B

Since not all options are available in every combination, the tables below illustrate the limitations of each option:

	Standard, available without restrictions
	On request, may cause longer lead times
	Not applicable

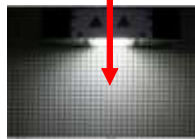
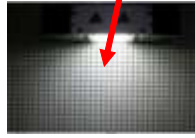
ID 1 - Length

Sample: CP000200-340T-04-2.5BNL

ID 1 Optical Length of Module / Fitting Length	
170	170 mm / 180 mm
340	340 mm / 510 mm
510	510 mm / 520 mm
680	680 mm / 690 mm
850	850 mm / 860 mm
1020	1020 mm / 1030 mm
1190	1190 mm / 1200 mm
1360	1360 mm / 1370 mm

ID 2 - Reflector Type

Sample: CP000200-340T-04-2.5BNL

ID 2	Reflector Type	Recommended Working Distance (WD)						
T	Tube light (tunnel light) Viewing angle: 0° Working distance: 10 mm							
		<table border="1"> <tr> <td>170</td> <td>340</td> <td>510</td> <td>680</td> <td>850</td> <td>1020</td> <td>1190</td> <td>1360</td> </tr> </table>	170	340	510	680	850	1020
170	340	510	680	850	1020	1190	1360	
U	Tube light (tunnel light) Viewing angle: 15° Working distance: 10 mm							
		<table border="1"> <tr> <td>170</td> <td>340</td> <td>510</td> <td>680</td> <td>850</td> <td>1020</td> <td>1190</td> <td>1360</td> </tr> </table>	170	340	510	680	850	1020
170	340	510	680	850	1020	1190	1360	

ID 3 - LED Color

Sample: CP000200-340T-04-2.5BNL



ID 3	LED Color Power options for ID2: T, U (Tube light)	
	UHB - Ultra High Bright (One XLC4 per 170 mm)	HB - High Bright (One XLC4 per 340 mm)
Red		51
Green	02	52
Blue	03	53
Standard White (5500K)	04	54
Daylight (D50)		07 *)
Daylight without UV (D50)		10 *)
IR (850 nm)	08	58
Ir (940 nm)	09	59
Warm White (3500 K)	12	62
Cool + Warm White mixed	28	
Notes	*) only in steps of 340 mm, two XLC4 per 340 mm and two XLC4 for one 340 mm segment.	

ID 4 - Cable Length

Sample: CP000200-340T-04-2.5BNL

ID 4 Cable Length	
1.3	1300 mm
	170 340 510 680 850 1020 1190 1360
2.5	2500 mm
	170 340 510 680 850 1020 1190 1360
5.0	5000 mm
	170 340 510 680 850 1020 1190 1360
7.5	7500 mm
	170 340 510 680 850 1020 1190 1360
10	10000 mm
	170 340 510 680 850 1020 1190 1360
15	15000 mm
	170 340 510 680 850 1020 1190 1360

ID 5 Connector

A	Wire end ferrules - For use with other controllers, e.g. Gardasoft - No support for I ² C identification and temperature control	
	170 340 510 680 850 1020 1190 1360	
B	Terminal block for XLC4 LED controller	
	170 340 510 680 850 1020 1190 1360	

ID 5 Connector

Sample: CP000200-340T-04-2.5BNL







ID 6 - Screen Options

Sample: CP000200-340T-04-2.5BNL

ID 6 Screen options								
N	no glass (for tube light only)							
	170	340	510	680	850	1020	1190	1360



ID 7 - Heat Sink



Sample: CP000200-340T-04-2.5BNL

ID 7 Heat sink									
A	Passive, 50 x 10 mm								
	170	340	510	680	850	1020	1190	1360	
B	Passive, 50 x 40 mm								
	170	340	510	680	850	1020	1190	1360	
C	Passive, 90 x 100 mm								
	170	340	510	680	850	1020	1190	1360	
L	Fan, 50 x 47 mm								
	170	340	510	680	850	1020	1190	1360	
F	Fan, 50 x 67 mm								
	170	340	510	680	850	1020	1190	1360	
H	Water, from 2019								
	170	340	510	680	850	1020	1190	1360	

Cable Options:

Sample: CP000200-CH2-340B-04-1.0B1L

Cable type						
CH2	Standard cable with Hummel connector					
	Cable length: 0.5 m		Cable length: 1.0 m			
DW1	Drag chain cable with Würth connectors					
	2.5 m	5.0 m	7.5 m	10 m	15 m	

CP000594-n.n-mX Cable for Corona II and Hummel connector to XLC4						
n.n	Standard cable with Hummel connector Length:					
	2.5 m	5.0 m	7.5 m	10 m	15 m	
mX	Number of Würth connectors for XLC4 (for the single channels)					
	1	2	3	4		
Note	To be ordered in addition to the Hummel connector. Number of connectors depending on the number of the channels of the ordered LED module.					