



Optics

- 3000K or 4000K options
- 54°/17° beam angles for maximum room surface illumination or highly defined accent lighting
- SE500 - 7 LEDs running at 350mA = 9.5w system power
- SE1000 - 7 LEDs running at 700mA = 18w system power – total power consumption will decrease as LED technology advances
- High quality, single bin LEDs with a 4 Macadam ellipse tolerance
- Lower point brightness due to the unique LED arrangement
- Specifically designed lens array to produce a precise beam control and high colour rendering index
- 50,000 hours life expectancy

Body

- Choice of four aesthetically appealing bezels
- Modular design utilising either a 500 or 1000 lumen LED package
- CNC machined aluminium bezels for a high quality appearance and finish
- Finished in white, black or brushed aluminium
- For ceiling thickness: – 3 to 17mm

Driver

- Constant current 350mA / 700mA
- 1-10V analogue dimming as standard
- Optional DALI dimming driver



Concert SE Adjustable



Concert SE Cone



Concert SE Recessed



Concert SE 45° Cap

concert SE

Order Codes

Concert SE500 White Fixed Bezel – 500 Lumen Output

4000K Flood Optic	CNSE5004KFLW/A
3000K Flood Optic	CNSE5003KFLW/A
4000K Spot Optic	CNSE5004KSPW/A
3000K Spot Optic	CNSE5003KSPW/A

Concert SE500 White Adjustable Bezel – 500 Lumen Output

4000K Flood Optic	CNSE5004KFLW/B
3000K Flood Optic	CNSE5003KFLW/B
4000K Spot Optic	CNSE5004KSPW/B
3000K Spot Optic	CNSE5003KSPW/B

Concert SE500 White Cone Bezel – 500 Lumen Output

4000K Flood Optic	CNSE5004KFLW/C
3000K Flood Optic	CNSE5003KFLW/C
4000K Spot Optic	CNSE5004KSPW/C
3000K Spot Optic	CNSE5003KSPW/C

Concert SE500 White Recessed Bezel – 500 Lumen Output

4000K Flood Optic	CNSE5004KFLW/D
3000K Flood Optic	CNSE5003KFLW/D
4000K Spot Optic	CNSE5004KSPW/D
3000K Spot Optic	CNSE5003KSPW/D

45° Cap

CAP ACCESSORY FOR FIXED AND ADJUSTABLE BEZELS CNSE500W/E

Options

DALI DIMMING	Insert Y after CN	i.e. CNYSE5004KFLW/A
1000 LUMEN LED	Replace 500 with 1000	i.e. CNSE10003KFLW
BLACK FINISH	Replace W with BK	i.e. CNSE5004KFLBK/A
ALUMINIUM FINISH	Replace W with B	i.e. CNSE5004KFLB/A

Emergency

EMERGENCY CONVERSION KIT (SE500 & SE1000) CNSE500EMKIT

Note: To be ordered in addition to standard luminaires

Equivalent Lamp Types

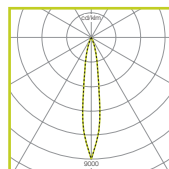
Concert SE 1000 Lumen Output

Compact Fluorescent	1 x 18W, 1 x 26W
CDM	1 x 20W
Tungsten Halogen	1 x 50W, 1 x 75W

Concert SE 500 Lumen Output

Compact Fluorescent	1 x 13W
Tungsten Halogen	1 x 35W

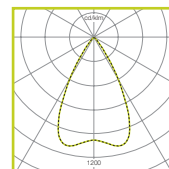
Photometric Performance



Concert SE500
17° 4000K
530 lumens
• LOR = 100%
• SHR MAX = 1.01

Utilisation Factors UF(F)

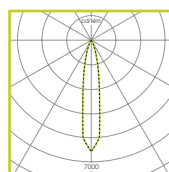
Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	1.01	1.11	1.14



Concert SE500
54° 3000K
475 lumens
• LOR = 100%
• SHR MAX = 1.17

Utilisation Factors UF(F)

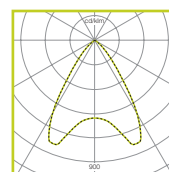
Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.85	1.04	1.08



Concert SE1000
17° 4000K
1130 lumens
• LOR = 100%
• SHR MAX = N/A

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.97	1.08	1.11

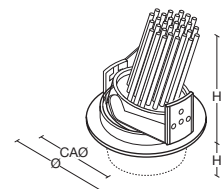


Concert SE1000
54° 3000K
1120 lumens
• LOR = 100%
• SHR MAX = N/A

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.82	1.03	1.08

Dimensions



Version	H	H ₁	Ø	CAØ	KG
Fixed	100	-	90	80	0.84
Adjustable	100	-	90	80	0.86
Cone	100	30	90	80	0.92
Recessed	120	-	90	80	0.97
45° Cap	-	60	45	-	0.2

To Specify

Recessed high output single bin LED downlight. CNC machined bezel finished in white/brushed aluminium/black. For ceiling thicknesses of 3-17mm, supplied complete with driver as Whitecroft Lighting CONCERT SE500 / SE1000