



Optics

- 3000K or 4000K options
- 54°/17° beam angles for maximum room surface illumination or highly defined accent lighting
- S500 - 7 LEDs running at 350mA = 9.5w system power
- S1000 - 7 LEDs running at 700mA = 18w system power
– total power consumption will decrease as LED technology advances
- High quality, single bin LEDs with only a 4 Macadam ellipse tolerance
- Lower point brightness due to the unique LED arrangement
- 50,000 hours life expectancy

Body

- Sizes and options:
 - Fixed 82mm Ø
 - Adjustable 95mm Ø
- Modular design with fixed and tilting versions
- Adjustable version IP40 from below as standard (fixed version IP44)
- Die cast aluminium body
- Bezel finished white or brushed aluminium
- For ceiling thickness – 3mm to 17mm

Driver

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



Concert S White Fixed



Concert S White Adjustable

concert s

Order Codes

Concert S500 White Fixed Bezel – 500 Lumen Output

3000K Flood Optic
4000K Flood Optic
3000K Spot Optic
4000K Spot Optic

CN5003KFLFW
CN5004KFLFW
CN5003KSPFW
CN5004KSPFW

Concert S500 White Adjustable Bezel – 500 Lumen Output

3000K Flood Optic
4000K Flood Optic
3000K Spot Optic
4000K Spot Optic

CN5003KFLAW
CN5004KFLAW
CN5003KSPAW
CN5004KSPAW

Options

DALI DIMMING	Insert Y after CN	i.e. CNY5003KFLFW
ALUMINIUM	Replace W with B	i.e. CN5003KFLAB
CONCERT S1000	Replace 500 with 1000	i.e. CN10003KFLFW

Emergency

Emergency Conversion Kit (S500 & S1000)

CN500EMKIT

Note: To be ordered in addition to standard luminaires

Equivalent Lamp Types

Concert S 1000 Lumen Output

Compact Fluorescent
CDM
Tungsten Halogen

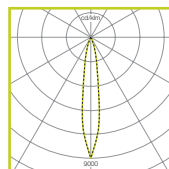
1 x 18W, 1 x 26W
1 x 20W
1 x 50W, 1 x 75W

Concert S 500 Lumen Output

Compact Fluorescent
Tungsten Halogen

1 x 13W
1 x 35W

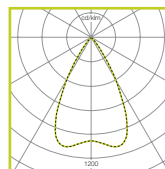
Photometric Performance



Concert S500
17° 4000K
530 lumens
• LOR = 100%
• SHR MAX = 1.01

Utilisation Factors UF(F)

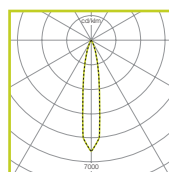
Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	1.01	1.11	1.14



Concert S500
54° 3000K
475 lumens
• LOR = 100%
• SHR MAX = 1.17

Utilisation Factors UF(F)

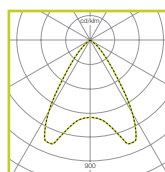
Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.85	1.04	1.08



Concert S1000
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

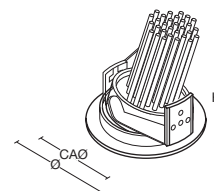


Concert S1000
54° 3000K
1120 lumens
• LOR = 100%
• SHR MAX = N/A

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	Ø	CAØ	KG
Fixed	100	82	72	0.3
Adjustable	100	95	80	0.3
Driver	H	W	L	KG
Std Driver	37	52	108	0.2
DALI Driver	32	31	179	0.2

To Specify

Recessed high output single bin LED downlight. Fixed 82mm/adjustable 95mm bezel finished in white/brushed aluminium. Fixed bezel IP44/adjustable bezel IP40 from below the ceiling. For ceiling thicknesses of 3-17mm, supplied complete with dimmable driver as Whitecroft Lighting CONCERT S500 / S1000