



# Perfect quality of light

## Concord Ascent 100 II

Ascent 100 is a comprehensive range of efficient and decorative downlights, the best selling Concord downlighters with millions of luminaires installed all over the world. It is designed for small apertures of 120mm and 160mm perfect for any new builds or as CFL replacement.

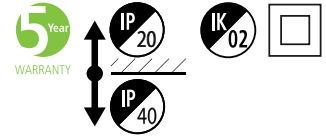
Ascent 100 range is now extended with new additions. For perfect light quality, LumiNature models are available with high colour rendering of CRI95-99 in 3000K and 4000K and in Human Centric Lighting Tunable White version. In addition, the

new Ascent CRI90 delivers better colour rendering and it is an ideal choice for most residential and hospitality applications where colour accuracy is important. A range with IP65 from the front is designed for any areas where additional IP protection is required. Further, Surface Mounted versions deliver aesthetically pleasant design with easy installation.

Ascent 100 is the perfect lighting solution for open spaces, corridors, circulation and break out areas.

The beauty of **light**

# Concord Ascent 100 II Architectural 120



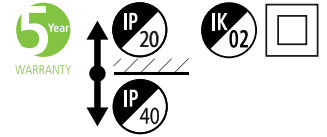
## Features

- Direct LED retro fit for original LED 100 Arch (120) single CFL lamp offering
- Matching lumen levels and improved light distribution of original LED 100 CFL lamp equivalents
- Typically half the power consumption compared to CFL
- CRI90 versions available
- LumiNature products are available in 3000K or 4000K (LUMI) or in Human Centric Lighting Tunable White versions (LUMI HCL TW) with 2700-6500K colour temperature and SylSmart Standalone option
- An addition of IP65 from the front for any areas where additional IP protection is required. Meets TP(a) requirements. Glow wire 850
- Accessories available of glass or poly cover with additional IP44-54 protection
- Up to 131lm/W
- MacAdam Ellipse: 3
- Voltage: 220-240V
- Housing Colour: White - RAL9016
- Construction Material: Aluminium
- Warranty: 5 year
- Photobiological Risk Group: 0
- Lifespan CRI80&90: >85,000hrs L80B20
- Lifespan LUMI: >50,000hrs L80B20
- Lifespan LUMI TW HCL: >70,000hrs L80B20

## Product information

Code	Description	Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Beam Angle (°)	Colour Temp (K)	CRI	Dimmable	Control Technology
<b>Ascent 100 II Architectural 120</b>										
<b>3000K</b>										
2060500	Ascent 100 II ARCH 650 3K STD 120	White	5	638	128	85	3000	80	No	Switched
2060501	Ascent 100 II ARCH 650 3K STD EMG 120	White	7	638	91	85	3000	80	No	Switched
2060502	Ascent 100 II ARCH 650 3K DALI 120	White	5	620	124	85	3000	80	Yes	DALI
2060503	Ascent 100 II ARCH 650 3K DALI EMG 120	White	7	638	91	85	3000	80	Yes	DALI
2060510	Ascent 100 II ARCH 900 3K STD 120	White	8	900	113	85	3000	80	No	Switched
2060511	Ascent 100 II ARCH 900 3K STD EMG 120	White	10	900	90	85	3000	80	No	Switched
2060512	Ascent 100 II ARCH 900 3K DALI 120	White	8	900	113	85	3000	80	Yes	DALI
2060513	Ascent 100 II ARCH 900 3K DALI EMG 120	White	10	900	90	85	3000	80	Yes	DALI
2060520	Ascent 100 II ARCH 1200 3K STD 120	White	10	1160	116	85	3000	80	No	Switched
2060521	Ascent 100 II ARCH 1200 3K STD EMG 120	White	12	1160	97	85	3000	80	No	Switched
2060522	Ascent 100 II ARCH 1200 3K DALI 120	White	10	1160	116	85	3000	80	Yes	DALI
2060523	Ascent 100 II ARCH 1200 3K DALI EMG 120	White	12	1160	97	85	3000	80	Yes	DALI
2060530	Ascent 100 II ARCH 1900 3K STD 120	White	16	1887	118	85	3000	80	No	Switched
2060531	Ascent 100 II ARCH 1900 3K STD EMG 120	White	19	1887	99	85	3000	80	No	Switched
2060532	Ascent 100 II ARCH 1900 3K DALI 120	White	16	1887	118	85	3000	80	Yes	DALI
2060533	Ascent 100 II ARCH 1900 3K DALI EMG 120	White	19	1887	99	85	3000	80	Yes	DALI
<b>4000K</b>										
2060505	Ascent 100 II ARCH 650 4K STD 120	White	5	653	131	85	4000	80	No	Switched
2060506	Ascent 100 II ARCH 650 4K STD EMG 120	White	7	653	93	85	4000	80	No	Switched
2060507	Ascent 100 II ARCH 650 4K DALI 120	White	5	653	131	85	4000	80	Yes	DALI
2060508	Ascent 100 II ARCH 650 4K DALI EMG 120	White	7	630	90	85	4000	80	Yes	DALI
2060515	Ascent 100 II ARCH 900 4K STD 120	White	8	931	116	85	4000	80	No	Switched
2060516	Ascent 100 II ARCH 900 4K STD EMG 120	White	10	931	93	85	4000	80	No	Switched
2060517	Ascent 100 II ARCH 900 4K DALI 120	White	8	931	116	85	4000	80	Yes	DALI
2060518	Ascent 100 II ARCH 900 4K DALI EMG 120	White	10	931	93	85	4000	80	Yes	DALI
2060525	Ascent 100 II ARCH 1200 4K STD 120	White	10	1228	123	85	4000	80	No	Switched
2060526	Ascent 100 II ARCH 1200 4K STD EMG 120	White	12	1228	102	85	4000	80	No	Switched
2060527	Ascent 100 II ARCH 1200 4K DALI 120	White	10	1228	123	85	4000	80	Yes	DALI
2060528	Ascent 100 II ARCH 1200 4K DALI EMG 120	White	12	1228	102	85	4000	80	Yes	DALI
2060535	Ascent 100 II ARCH 2000 4K STD 120	White	16	2029	127	85	4000	80	No	Switched
2060536	Ascent 100 II ARCH 2000 4K STD EMG 120	White	19	2029	107	85	4000	80	No	Switched
2060537	Ascent 100 II ARCH 2000 4K DALI 120	White	16	2029	127	85	4000	80	Yes	DALI
2060538	Ascent 100 II ARCH 2000 4K DALI EMG 120	White	19	2029	107	85	4000	80	Yes	DALI

# Concord Ascent 100 II Architectural 120

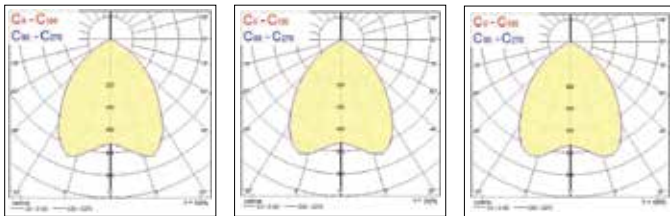


Code	Description	Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Beam Angle (°)	Colour Temp (K)	CRI	Dimmable	Control Technology
<b>Ascent 100 II Architectural 120</b>										
<b>3000K CRI90</b>										
2060668	Ascent 100 II ARCH 1650 3K DALI 120 CRI90	White	16	1650	103	85	3000	90	Yes	DALI
<b>4000K CRI90</b>										
2060669	Ascent 100 II ARCH 1750 4K DALI 120 CRI90	White	16	1750	109	85	4000	90	Yes	DALI
<b>3000K LUMI</b>										
2060672	ASCENT 100 II ARCH 120 1100 LUMI 3K DALI	White	15	1100	73	85	3000	97	Yes	DALI
<b>4000K LUMI</b>										
2060673	ASCENT 100 II ARCH 120 1200 LUMI 4K DALI	White	15	1200	80	85	4000	97	Yes	DALI
<b>Tunable White LUMI HCL</b>										
2060676	ASCENT 100 II ARCH 120 1300 LUMI HCL TW SSC	White	20	1300	65	85	2700-6500	97	Yes	SylSmart

Code	Description
<b>Ascent 100 II Architectural 120 Accessories</b>	
2028033	Clear Glass IP44 Cover - White
2028035	Etched Glass IP44 Cover - White
2039012	Polycarbonate IP54 Cover - White

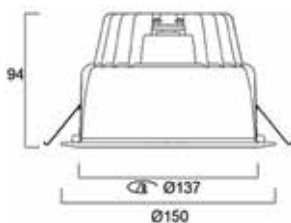


## Photometric Data



Ascent 100 II Architectural - 8W 3000K      Ascent 100 II Architectural - 10W 3000K      Ascent 100 II Architectural - 18W 4000K

## Dimensions (mm)

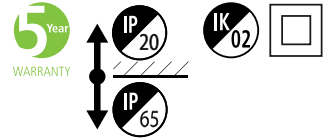


## Additional Images



Ascent 100 II 120      Ascent 100 II 120

# Concord Ascent 100 II Architectural 120 IP65



## Features

- IP65 version from the front for areas where additional IP protection is needed
- MacAdam Ellipse: 3
- Voltage: 230-240V
- Housing Colour: White - RAL9016
- Construction Material: Aluminium
- Warranty: 5 years
- Photobiological Risk Group: 0
- Lifespan CRI80&90: >85,000hrs L80B20

## Product information

Code	Description	Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Beam Angle (°)	Colour Temp (K)	CRI	Dimmable	Control Technology
<b>Ascent 100 II Architectural 120 IP65</b>										
<b>3000K</b>										
2060686	ASCENT 100 II ARCH 620 3K IP65 DALI 120	White	5	620	124	85	3000	80	Yes	DALI
2060687	ASCENT 100 II ARCH 620 3K IP65 DALI EMG 120	White	7	620	89	85	3000	80	Yes	DALI
2060690	ASCENT 100 II ARCH 870 3K IP65 DALI 120	White	8	870	109	85	3000	80	Yes	DALI
2060691	ASCENT 100 II ARCH 870 3K IP65 DALI EMG 120	White	10	870	87	85	3000	80	Yes	DALI
2060694	ASCENT 100 II ARCH 1125 3K IP65 DALI 120	White	10	1125	113	85	3000	80	Yes	DALI
2060695	ASCENT 100 II ARCH 1125 3K IP65 DALI EMG 120	White	12	1125	94	85	3000	80	Yes	DALI
2060660	ASCENT 100 II ARCH 1825 3K IP65 DALI 120	White	16	1825	114	85	3000	80	Yes	DALI
2060661	ASCENT 100 II ARCH 1825 3K IP65 DALI EMG 120	White	19	1825	96	85	3000	80	Yes	DALI
<b>4000K</b>										
2060688	ASCENT 100 II ARCH 630 4K IP65 DALI 120	White	5	630	126	85	4000	80	Yes	DALI
2060689	ASCENT 100 II ARCH 630 4K IP65 DALI EMG 120	White	7	630	90	85	4000	80	Yes	DALI
2060692	ASCENT 100 II ARCH 900 4K IP65 DALI 120	White	8	900	113	85	4000	80	Yes	DALI
2060693	ASCENT 100 II ARCH 900 4K IP65 DALI EMG 120	White	10	900	90	85	4000	80	Yes	DALI
2060696	ASCENT 100 II ARCH 1200 4K IP65 DALI 120	White	10	1200	120	85	4000	80	Yes	DALI
2060697	ASCENT 100 II ARCH 1200 4K IP65 DALI EMG 120	White	12	1200	100	85	4000	80	Yes	DALI
2060662	ASCENT 100 II ARCH 1950 4K IP65 DALI 120	White	16	1950	122	85	4000	80	Yes	DALI
2060663	ASCENT 100 II ARCH 1950 4K IP65 DALI EMG 120	White	19	1950	103	85	4000	80	Yes	DALI

## Additional Images



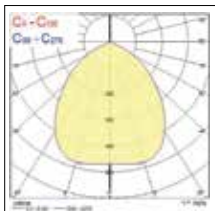
Ascent 100 II 120 IP65



Ascent 100 II 120 IP65

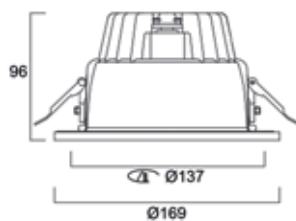


## Photometric Data



ASCENT 100 II ARCH 1825 3K IP65 DALI 120

## Dimensions (mm)



# Concord Ascent 100 II

## Architectural 120 Surface Mount



### Features

- Surface mounted version of Ascent 100 II Architectural 120
- Available in DALI and DALI emergency version
- MacAdam Ellipse: 3
- Voltage: 230-240V
- Housing Colour: White - RAL9016
- Construction Material: Aluminium
- Warranty: 5 years
- Photobiological Risk Group: 0
- Lifespan CRI80&90: >85,000hrs L80B20

### Product information

Code	Description	Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Beam Angle (°)	Colour Temp (K)	CRI	Dimmable	Control Technology
<b>Ascent 100 II Architectural 120 Surface Mount</b>										
<b>3000K</b>										
<b>2060678</b>	ASCT100IIARCH 1650 3K DA 120 CRI90 SM	White	16	1650	103	85	3000	90	Yes	DALI
<b>2060679</b>	ASCT100IIAR 1650 3K D EMPRO 120 CR90 SM	White	19	1650	87	85	3000	90	Yes	DALI
<b>2060762</b>	ASCT100IIAR 1650 3K D EM 120 CR90 SM	White	19	1650	87	85	3000	90	Yes	DALI
<b>4000K</b>										
<b>2060680</b>	ASCT100IIARCH 1750 4K DA 120 CRI90 SM	White	16	1750	109	85	4000	90	Yes	DALI
<b>2060681</b>	ASCT100IIAR 1750 4K D EMPRO 120 CR90 SM	White	19	1750	92	85	4000	90	Yes	DALI
<b>2060763</b>	ASCT100IIAR 1750 4K D EM 120 CR90 SM	White	19	1750	92	85	4000	90	Yes	DALI

### Additional Images

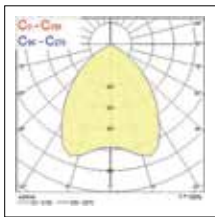


Ascent 100 II 120 SM

Ascent 100 II 120 SM

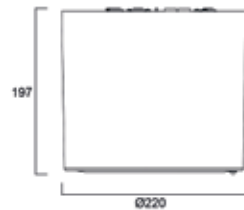
Ascent 100 II 120 EM SM

### Photometric Data

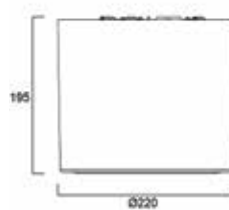


ASCENT 100 II ARCH 1650 SM

### Dimensions (mm)

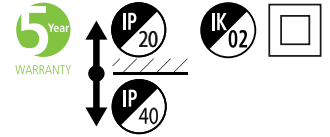


Ascent 100 II 120 DALI EM SM



Ascent 100 II 120 DALI SM

# Concord Ascent 100 II Decorative 120



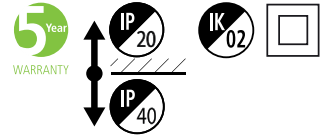
## Features

- Direct LED retro fit for original LED 100 Deco (120) single CFL lamp offering
- Offers a range of accessories for decorative lighting (Kometa ring illuminates beautifully the ceiling while the downlight still delivers direct light). Additionally PC covers with clear, opal, prismatic and asymmetrical lenses can be used
- Matching lumen levels and improved light distribution of original LED 100 CFL lamp equivalents
- Typically half the power consumption compared to CFL
- Up to 128lm/W
- 120mm aperture
- MacAdam Ellipse: 3
- Voltage: 230-240V
- Housing Colour: White - RAL9016
- Construction Material: Aluminium
- Warranty: 5 years
- Photobiological Risk Group: 0
- Lifespan CRI80&90: >85,000hrs L80B20

## Product information

Code	Description	Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Beam Angle (°)	Colour Temp (K)	CRI	Dimmable	Control Technology
<b>Ascent 100 II Decorative 120</b>										
<b>3000K</b>										
2060600	Ascent 100 II DECO 650 3K STD 120	White	5	638	91	85	3000	80	No	Switched
2060601	Ascent 100 II DECO 650 3K STD EMG 120	White	7	638	128	85	3000	80	No	Switched
2060602	Ascent 100 II DECO 650 3K DALI 120	White	5	638	91	85	3000	80	Yes	DALI
2060603	Ascent 100 II DECO 650 3K DALI EMG 120	White	7	653	131	85	3000	80	Yes	DALI
2060610	Ascent 100 II DECO 900 3K STD 120	White	8	900	90	85	3000	80	No	Switched
2060611	Ascent 100 II DECO 900 3K STD EMG 120	White	10	900	113	85	3000	80	No	Switched
2060612	Ascent 100 II DECO 900 3K DALI 120	White	8	900	90	85	3000	80	Yes	DALI
2060613	Ascent 100 II DECO 900 3K DALI EMG 120	White	10	931	116	85	3000	80	Yes	DALI
2060620	Ascent 100 II DECO 1200 3K STD 120	White	10	1160	97	85	3000	80	No	Switched
2060621	Ascent 100 II DECO 1200 3K STD EMG 120	White	12	1160	116	85	3000	80	No	Switched
2060622	Ascent 100 II DECO 1200 3K DALI 120	White	10	1228	123	85	3000	80	Yes	DALI
<b>4000K</b>										
2060605	Ascent 100 II DECO 650 4K STD 120	White	5	653	93	85	4000	80	No	Switched
2060606	Ascent 100 II DECO 650 4K STD EMG 120	White	7	653	131	85	4000	80	No	Switched
2060607	Ascent 100 II DECO 650 4K DALI 120	White	5	653	93	85	4000	80	Yes	DALI
2060608	Ascent 100 II DECO 650 4K DALI EMG 120	White	7	638	128	85	4000	80	Yes	DALI
2060615	Ascent 100 II DECO 900 4K STD 120	White	8	931	93	85	4000	80	No	Switched
2060616	Ascent 100 II DECO 900 4K STD EMG 120	White	10	931	116	85	4000	80	No	Switched
2060617	Ascent 100 II DECO 900 4K DALI 120	White	8	931	93	85	4000	80	Yes	DALI
2060618	Ascent 100 II DECO 900 4K DALI EMG 120	White	10	900	113	85	4000	80	Yes	DALI
2060625	Ascent 100 II DECO 1200 4K STD 120	White	10	1228	102	85	4000	80	No	Switched
2060626	Ascent 100 II DECO 1200 4K STD EMG 120	White	12	1228	123	85	4000	80	No	Switched
2060627	Ascent 100 II DECO 1200 4K DALI 120	White	10	1228	102	85	4000	80	Yes	DALI
2060628	Ascent 100 II DECO 1200 4K DALI EMG 120	White	12	1160	116	85	4000	80	Yes	DALI

# Concord Ascent 100 II Decorative 120



Code	Description
<b>Ascent 100 II Decorative 120 Accessories</b>	
2059235	Ascent 100 II Kometa Ring 120
2028039	Ascent 100 II IP44 Clear PC Cover 120
2028041	Ascent 100 II IP44 Opal PC Cover 120
2028043	Ascent 100 II IP44 Prismatic PC Cover 120
2028045	Ascent 100 II Asymmetrical IP44 Lens 120



2059235



2028039



2028041



2028043

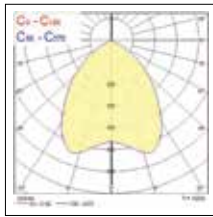


2028045

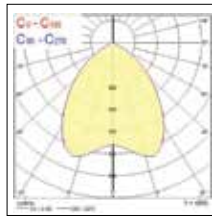
## Photometric Data



Ascent 100 II Decorative -  
5W 3000K

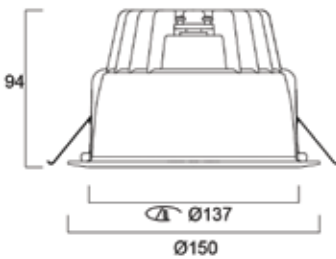


Ascent 100 II Decorative -  
8W 3000K



Ascent 100 II Decorative -  
10W 3000K

## Dimensions (mm)



## Additional Images



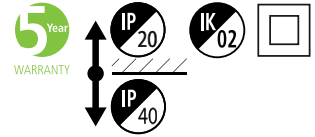
Ascent 100 Decorative 120



Ascent 100 Decorative 120 +  
Kometa accessory



# Concord Ascent 100 II Architectural 160



## Features

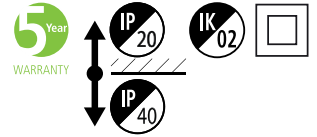
- Direct LED retro fit for original LED 100 Arch (160) single CFL lamp offering
- Matching lumen levels and improved light distribution of original LED 100 CFL lamp equivalents
- Typically half the power consumption compared to CFL
- CRI90 versions available
- LumiNature products are available in 3000K or 4000K (LUMI) or in Human Centric Lighting Tunable White versions (LUMI HCL TW) with 2700-6500K colour temperature and SylSmart Standalone option
- An addition of IP65 from the front for any areas where additional IP protection is required. Meets TP(a) requirements. Glow wire 850
- Colour additions to match perfectly to your design: black reflector with black housing (BB), standard silver reflector with black housing (SB), white reflector with white housing (WW)
- Up to 146lm/W
- MacAdam Ellipse: 3
- Voltage: 230-240V
- Housing Colour: White - RAL9016
- Construction Material: Aluminium
- Warranty: 5 years
- Photobiological Risk Group: 0
- Lifespan CRI80&90: 100,000hrs L80B20
- Lifespan LUMI: >50,000hrs L80B20
- Lifespan LUMI TW HCL: >70,000hrs L80B20

## Product information

Code	Description	Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Beam Angle (°)	Colour Temp (K)	CRI	Dimmable	Control Technology
<b>Ascent 100 II Architectural 160</b>										
<b>3000K</b>										
2060540	Ascent 100 II ARCH 1000 3K STD 160	White	7	968	138	85	3000	80	No	Switched
2060541	Ascent 100 II ARCH 1000 3K STD EMG 160	White	9	968	108	85	3000	80	No	Switched
2060542	Ascent 100 II ARCH 1000 3K DALI 160	White	7	968	138	85	3000	80	Yes	DALI
2060543	Ascent 100 II ARCH 1000 3K DALI EMG 160	White	9	968	108	85	3000	80	Yes	DALI
2060550	Ascent 100 II ARCH 1900 3K STD 160	White	17	1847	109	85	3000	80	No	Switched
2060551	Ascent 100 II ARCH 1900 3K STD EMG 160	White	19	1847	97	85	3000	80	No	Switched
2060552	Ascent 100 II ARCH 1900 3K DALI 160	White	17	1847	109	85	3000	80	Yes	DALI
2060560	Ascent 100 II ARCH 2700 3K STD 160	White	19	2649	139	85	3000	80	No	Switched
2060561	Ascent 100 II ARCH 2700 3K STD EMG 160	White	22	2649	120	85	3000	80	No	Switched
2060562	Ascent 100 II ARCH 2700 3K DALI 160	White	19	2649	139	85	3000	80	Yes	DALI
2060563	Ascent 100 II ARCH 2700 3K DALI EMG 160	White	22	2649	120	85	3000	80	Yes	DALI
2060570	Ascent 100 II ARCH 3600 3K STD 160	White	30	3548	118	85	3000	80	No	Switched
2060571	Ascent 100 II ARCH 3600 3K STD EMG 160	White	32	3548	111	85	3000	80	No	Switched
2060572	Ascent 100 II ARCH 3600 3K DALI 160	White	30	3548	118	85	3000	80	Yes	DALI
2060573	Ascent 100 II ARCH 3600 3K DALI EMG 160	White	32	3548	111	85	3000	80	Yes	DALI
<b>4000K</b>										
2060545	Ascent 100 II ARCH 1000 4K STD 160	White	7	1009	144	85	4000	80	No	Switched
2060546	Ascent 100 II ARCH 1000 4K STD EMG 160	White	9	1009	112	85	4000	80	No	Switched
2060547	Ascent 100 II ARCH 1000 4K DALI 160	White	7	1009	144	85	4000	80	Yes	DALI
2060548	Ascent 100 II ARCH 1000 4K DALI EMG 160	White	9	1009	112	85	4000	80	Yes	DALI
2060555	Ascent 100 II ARCH 1900 4K STD 160	White	17	1921	113	85	4000	80	No	Switched
2060556	Ascent 100 II ARCH 1900 4K STD EMG 160	White	19	1921	101	85	4000	80	No	Switched
2060557	Ascent 100 II ARCH 1900 4K DALI 160	White	17	1921	113	85	4000	80	Yes	DALI
2060558	Ascent 100 II ARCH 1900 4K DALI EMG 160	White	19	1921	113	85	4000	80	Yes	DALI
2060565	Ascent 100 II ARCH 2700 4K STD 160	White	19	2767	146	85	4000	80	No	Switched
2060566	Ascent 100 II ARCH 2700 4K STD EMG 160	White	22	2767	126	85	4000	80	No	Switched
2060567	Ascent 100 II ARCH 2700 4K DALI 160	White	19	2767	146	85	4000	80	Yes	DALI
2060568	Ascent 100 II ARCH 2700 4K DALI EMG 160	White	22	2767	126	85	4000	80	Yes	DALI
2060575	Ascent 100 II ARCH 3700 4K STD 160	White	30	3766	126	85	4000	80	No	Switched
2060576	Ascent 100 II ARCH 3700 4K STD EMG 160	White	32	3766	118	85	4000	80	No	Switched
2060577	Ascent 100 II ARCH 3700 4K DALI 160	White	30	3766	126	85	4000	80	Yes	DALI
2060578	Ascent 100 II ARCH 3700 4K DALI EMG 160	White	32	3766	118	85	4000	80	Yes	DALI
2059129	Ascent 100 II ARCHITECTURAL HO 4000K 160 Sylsmart SSC	White	17	1921	113	85	4000	80	Yes	SylSmart

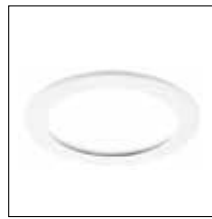


# Concord Ascent 100 II Architectural 160

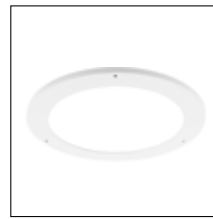


Code	Description	Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Beam Angle (°)	Colour Temp (K)	CRI	Dimmable	Control Technology
<b>Ascent 100 II Architectural 160</b>										
<b>3000K CRI90</b>										
2060670	Ascent 100 II ARCH 2150 3K DALI 160 CRI90	White	19	2150	113	85	3000	90	Yes	DALI
<b>4000K CRI90</b>										
2060671	Ascent 100 II ARCH 2300 4K DALI 160 CRI90	White	19	2300	121	85	4000	90	Yes	DALI
<b>3000K LUMI</b>										
2060674	ASCENT 100 II ARCH 160 2350 LUMI 3K DALI	White	31	2350	76	85	3000	97	Yes	DALI
<b>4000K LUMI</b>										
2060675	ASCENT 100 II ARCH 160 2650 LUMI 4K DALI	White	31	2650	85	85	4000	97	Yes	DALI
<b>Tunable White LUMI HCL</b>										
2060677	ASCENT 100 II ARCH 160 2500 LUMI HCL TW SSC	White	35	2500	71	85	2700-6500	97	Yes	SylSmart
<b>4000K Different Colour Finishes</b>										
2060767	Ascent 100 II ARCH 1050 4K DALI 160 BB	Black	17	1050	62	85	4000	80	Yes	DALI
2060769	Ascent 100 II ARCH 1900 4K DALI 160 WW	White	17	1900	112	85	4000	80	Yes	DALI
2060771	Ascent 100 II ARCH 1900 4K DALI 160 SB	Black	17	1900	112	85	4000	80	Yes	DALI

Code	Description
<b>Ascent 100 II Architectural 160 Accessoires</b>	
2028034	Ascent 100/150 II IP44 Clear Glass 160
2039013	Ascent 100/150 II IP54 PC Cover 160
2028036	Ascent T 100/150 II IP44 Frost Glass 160
2056147	Ascent 150 II Pull up Accessory Round White



2028034

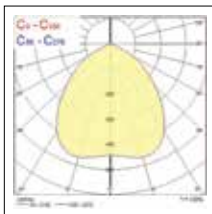


2039013



2056147

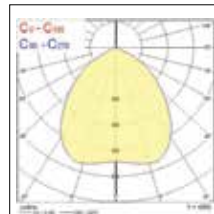
## Photometric Data



Ascent 100 II Architectural - 17W 3000K

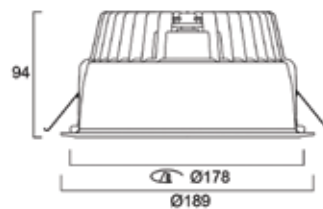


Ascent 100 II Architectural - 21W 3000K



Ascent 100 II Architectural - 30W 3000K

## Dimensions (mm)



## Additional Images



Ascent 100 II Architectural 160



Ascent 100 II Architectural 160



Ascent 100 II 160 BB



Ascent 100 II 160 BB



Ascent 100 II 160 SB



Ascent 100 II 160 SB

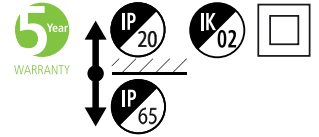


Ascent 100 II 160 WW



Ascent 100 II 160 WW

# Concord Ascent 100 II Architectural 160 IP65



## Features

- IP65 version from the front for areas where additional IP protection is needed
- MacAdam Ellipse: 3
- Voltage: 230-240V
- Housing Colour: White - RAL9016
- Construction Material: Aluminium
- Warranty: 5 years
- Photobiological Risk Group: 0
- Lifespan CRI80&90: 100,000hrs L80B20

## Product information

Code	Description	Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Beam Angle (°)	Colour Temp (K)	CRI	Dimmable	Control Technology
<b>Ascent 100 II Architectural 160 IP65</b>										
<b>3000K</b>										
2060698	ASCENT 100 II ARCH 940 3K IP65 DALI 160	White	7	940	134	85	3000	80	Yes	DALI
2060699	ASCENT 100 II ARCH 940 3K IP65 DALI EMG 160	White	9	940	104	85	3000	80	Yes	DALI
2060664	ASCENT 100 II ARCH 1775 3K IP65 DALI 160	White	17	1775	104	85	3000	80	Yes	DALI
2060665	ASCENT 100 II ARCH 1775 3K IP65 DALI EMG 160	White	19	1775	93	85	3000	80	Yes	DALI
2060702	ASCENT 100 II ARCH 2550 3K IP65 DALI 160	White	21	2550	121	85	3000	80	Yes	DALI
2060703	ASCENT 100 II ARCH 2550 3K IP65 DALI EMG 160	White	23	2550	111	85	3000	80	Yes	DALI
2060706	ASCENT 100 II ARCH 3450 3K IP65 DALI 160	White	30	3450	115	85	3000	80	Yes	DALI
2060707	ASCENT 100 II ARCH 3450 3K IP65 DALI EMG 160	White	32	3450	108	85	3000	80	Yes	DALI
<b>4000K</b>										
2060700	ASCENT 100 II ARCH 980 4K IP65 DALI 160	White	7	980	140	85	4000	80	Yes	DALI
2060701	ASCENT 100 II ARCH 980 4K IP65 DALI EMG 160	White	9	980	109	85	4000	80	Yes	DALI
2060666	ASCENT 100 II ARCH 1850 4K IP65 DALI 160	White	17	1850	109	85	4000	80	Yes	DALI
2060667	ASCENT 100 II ARCH 1850 4K IP65 DALI EMG 160	White	19	1850	97	85	4000	80	Yes	DALI
2060704	ASCENT 100 II ARCH 2675 4K IP65 DALI 160	White	21	2675	127	85	4000	80	Yes	DALI
2060705	ASCENT 100 II ARCH 2675 4K IP65 DALI EMG 160	White	23	2675	116	85	4000	80	Yes	DALI
2060708	ASCENT 100 II ARCH 3650 4K IP65 DALI 160	White	30	3650	122	85	4000	80	Yes	DALI
2060709	ASCENT 100 II ARCH 3650 4K IP65 DALI EMG 160	White	32	3650	114	85	4000	80	Yes	DALI

## Additional Images

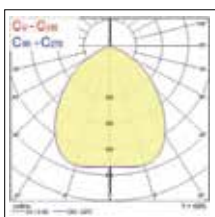


Ascent 100 II 160 IP65

Ascent 100 II 160 IP65

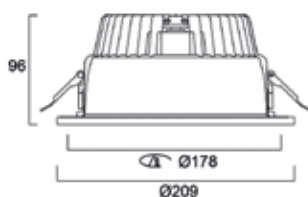


## Photometric Data



ASCENT 100 II ARCH 1775 3K IP65 DALI 160

## Dimensions (mm)



# Concord Ascent 100 II Architectural 160 Surface Mount



## Features

- Surface mounted version of Ascent 100 II 160
- Available in DALI and DALI emergency version
- MacAdam Ellipse: 3
- Voltage: 230-240V
- Housing Colour: White - RAL9016
- Construction Material: Aluminium
- Warranty: 5 years
- Photobiological Risk Group: 0
- Lifespan CRI80&90: 100,000hrs L80B20

## Product information

Code	Description	Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Beam Angle (°)	Colour Temp (K)	CRI	Dimmable	Control Technology
<b>Ascent 160 II Architectural Surface Mount</b>										
<b>3000K</b>										
2060682	ASCT100IIARCH 1650 3K DA 160 CR90 SM	White	17	1650	97	85	3000	90	Yes	DALI
2060683	ASCT100IIAR 1650 3K D EMPRO 160 CR90 SM	White	19	1650	87	85	3000	90	Yes	DALI
2060764	ASCT100IIAR 1650 3K D EM 160 CR90 SM	White	19	1650	87	85	3000	90	Yes	DALI
<b>4000K</b>										
2060684	ASCT100IIARCH 1750 4K DA 160 CR90 SM	White	17	1750	103	85	4000	90	Yes	DALI
2060685	ASCT100IIAR 1750 4K D EMPRO 160 CR90 SM	White	19	1750	92	85	4000	90	Yes	DALI
2060765	ASCT100IIAR 1750 4K D EM 160 CR90 SM	White	19	1750	92	85	4000	90	Yes	DALI

## Additional Images



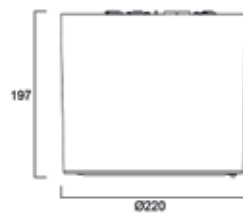
Ascent 100 II 160 Arch SM    Ascent 100 II 160 Arch SM    Ascent 100 II 160 Arch EM SM

## Photometric Data



Ascent 100 II Arch 1650 160 SM

## Dimensions (mm)

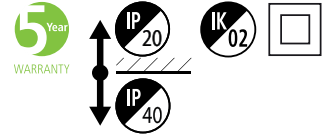


Ascent 100 II 160 DALI EM SM



Ascent 100 II 160 DALI SM

# Concord Ascent 100 II Decorative 160



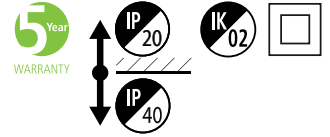
## Features

- Direct LED retro fit for original LED 100 Deco (160) single CFL lamp offering distribution of original LED 100 CFL lamp equivalents
- Offers a range of accessories for decorative lighting (Kometa ring illuminates beautifully the ceiling while the downlight still delivers direct light). Additionally PC covers with clear, opal, prismatic and asymmetrical lenses can be used
- Matching lumen levels and improved light
- Typically half the power consumption compared to CFL
- Up to 146lm/W
- 160mm aperture
- MacAdam Ellipse: 3
- Voltage: 230-240V
- Housing Colour: White - RAL9016
- Construction Material: Aluminium
- Warranty: 5 years
- Photobiological Risk Group: 0
- Lifespan CRI80&90: 100,000hrs L80B20

## Product information

Code	Description	Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Beam Angle (°)	Colour Temp (K)	CRI	Dimmable	Control Technology
<b>Ascent 100 II Decorative 160</b>										
<b>3000K</b>										
2060630	Ascent 100 II DECO 1000 3K STD 160	White	7	968	138	85	3000	80	No	Switched
2060631	Ascent 100 II DECO 1000 3K STD EMG 160	White	9	968	108	85	3000	80	No	Switched
2060632	Ascent 100 II DECO 1000 3K DALI 160	White	7	968	138	85	3000	80	Yes	DALI
2060633	Ascent 100 II DECO 1000 3K DALI EMG 160	White	9	968	108	85	3000	80	Yes	DALI
2060640	Ascent 100 II DECO 1900 3K STD 160	White	17	1847	109	85	3000	80	No	Switched
2060641	Ascent 100 II DECO 1900 3K STD EMG 160	White	19	1847	97	85	3000	80	No	Switched
2060642	Ascent 100 II DECO 1900 3K DALI 160	White	17	1847	109	85	3000	80	Yes	DALI
2060643	Ascent 100 II DECO 1900 3K DALI EMG 160	White	19	1847	97	85	3000	80	Yes	DALI
2060650	Ascent 100 II DECO 2700 3K STD 160	White	19	2649	139	85	3000	80	No	Switched
2060651	Ascent 100 II DECO 2700 3K STD EMG 160	White	22	2649	120	85	3000	80	No	Switched
2060652	Ascent 100 II DECO 2700 3K DALI 160	White	19	2649	139	85	3000	80	Yes	DALI
<b>4000K</b>										
2060635	Ascent 100 II DECO 1000 4K STD 160	White	7	1009	144	85	4000	80	No	Switched
2060636	Ascent 100 II DECO 1000 4K STD EMG 160	White	9	1009	112	85	4000	80	No	Switched
2060637	Ascent 100 II DECO 1000 4K DALI 160	White	7	1009	144	85	4000	80	Yes	DALI
2060638	Ascent 100 II DECO 1000 4K DALI EMG 160	White	9	1009	112	85	4000	80	Yes	DALI
2060645	Ascent 100 II DECO 1900 4K STD 160	White	17	1921	113	85	4000	80	No	Switched
2060646	Ascent 100 II DECO 1900 4K STD EMG 160	White	19	1921	101	85	4000	80	No	Switched
2060647	Ascent 100 II DECO 1900 4K DALI 160	White	17	1921	113	85	4000	80	Yes	DALI
2060648	Ascent 100 II DECO 1900 4K DALI EMG 160	White	19	1921	101	85	4000	80	Yes	DALI
2060655	Ascent 100 II DECO 2700 4K STD 160	White	19	2767	146	85	4000	80	No	Switched
2060656	Ascent 100 II DECO 2700 4K STD EMG 160	White	22	2767	126	85	4000	80	No	Switched
2060657	Ascent 100 II DECO 2700 4K DALI 160	White	19	2767	146	85	4000	80	Yes	DALI
2060658	Ascent 100 II DECO 2700 4K DALI EMG 160	White	22	2767	126	85	4000	80	Yes	DALI

# Concord Ascent 100 II Decorative 160



## Product information

Code	Description
<b>Ascent 100 II Decorative 160 Accessories</b>	
2059236	Ascent 100 II Kometa Ring 160
2028040	Ascent 100 II IP44 Clear PC Cover 160
2028042	Ascent 100 II IP44 Opal PC Cover 160
2028044	Ascent 100 II IP44 Prismatic PC Cover 160
2028046	Ascent 100 II Asym IP44 Lens 160



2028036



2028040



2028042



2028044



2028046

## Additional Images



Ascent 100 Decorative 160



Ascent 100 Decorative 160  
installed (accessory required)

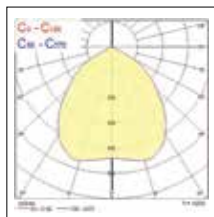
## Photometric Data



Ascent 100 II Decorative -  
17W 4000K

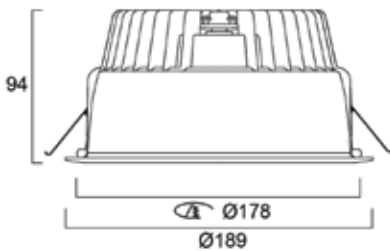


Ascent 100 II Decorative -  
25W 4000K



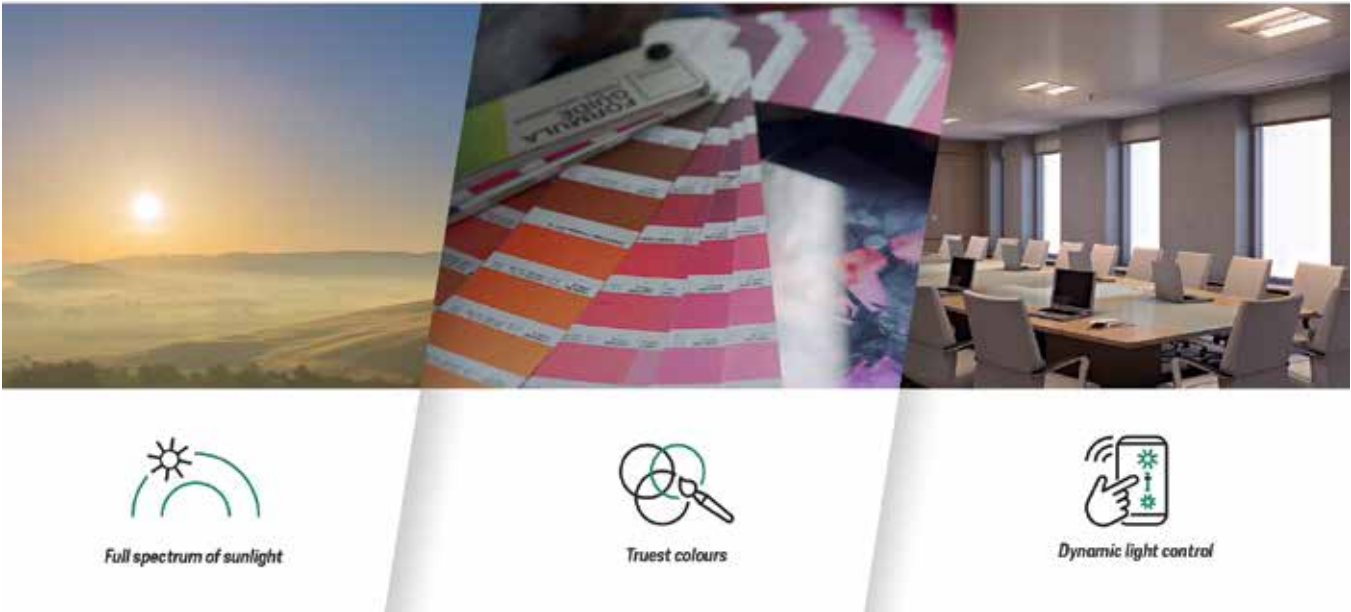
Ascent 100 II Decorative -  
30W 4000K

## Dimensions (mm)



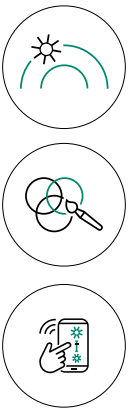
# Human Centric Lighting

## LumiNature. Natural light recreated.



Our versatile Concord Ascent 100 II range offers real Human Centric Lighting options with either Tunable White (2700-6500K) or Warm White (3000K) or Neutral White (4000K) colour temperature.

**Sylvania LumiNature marks a new era in human centric lighting: it recreates sunlight.**



- **Its complete spectral curve with eliminated blue peaks** and
- **truest colours** make it one of the most natural artificial lights.
- **LumiNature** gives you something that even the sun cannot:
- **dynamic lighting control.**

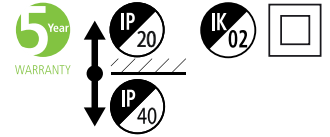
The SylSmart Standalone option offers you full optimisation and tunability.

**Revolutionary, human-tailored light. Designed for better living.**

- Zero blue peak even in cold colour temperatures - low flicker (<5%),
- Rich and energizing light with beneficial melanopic ratio (>0.8 during daytime with cool light and <0.5 during the evening with warm light),
- Excellent colour rendering perfect for numerous applications – CRI97 including the truest reds and no ultra-violet or infra-red,
- Dynamic light 100% adapted to circadian rhythm – SylSmart enabled system with dimmable, auto-adjusting tunable white light.

# Concord Ascent 100 II LUMI

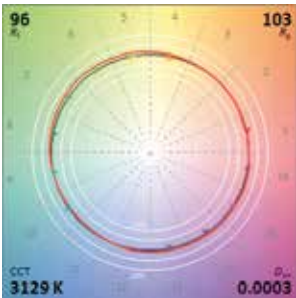
## Melanopic & TM-30 data



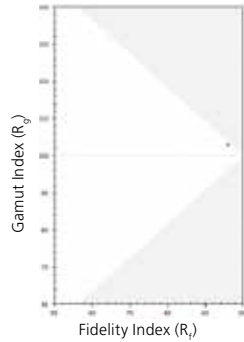
Code	Description	Control Technology	Colour Temperature (K)	Luminous Flux (lm)	Melanopic Ratio /MEER	Melanopic Ratio /MDER	Fidelity Index R <sub>f</sub>	Gamut Index R <sub>g</sub>	Fidelity Index (Skin)	CRI
<b>LUMI</b>										
2060672	ASCENT 100 II ARCH 120 1100 LUMI 3K DALI	DALI	3000K	1089	0.59	0.53	96	103	97	97
2060673	ASCENT 100 II ARCH 120 1200 LUMI 4K DALI	DALI	4000K	1221	0.75	0.68	95	102	97	96
2060674	ASCENT 100 II ARCH 160 2350 LUMI 3K DALI	DALI	3000K	2346	0.59	0.53	96	103	98	97
2060675	ASCENT 100 II ARCH 160 2650 LUMI 4K DALI	DALI	4000K	2645	0.75	0.68	95	102	97	97
<b>LUMI Human Centric Lighting Tunable White</b>										
2060676	ASCENT 100 II ARCH 120 1300 LUMI HCL TW SSC	SylSmart	2700K	1219	0.53	0.48	96	102	99	97
		SylSmart	4000K	1450	0.83	0.75	96	102	95	95
		SylSmart	6500K	1455	1.12	1.02	98	100	99	99
2060677	ASCENT 100 II ARCH 160 2500 LUMI HCL TW SSC	SylSmart	2700K	2398	0.52	0.47	97	102	99	98
		SylSmart	4000K	2855	0.83	0.75	96	102	95	95
		SylSmart	6500K	2823	1.12	1.02	97	100	98	99

### TM-30 diagrams (2060672):\*

Colour Vector Graphic



R<sub>f</sub>-R<sub>g</sub> Graphic



\*Available on request for all LUMI items.

The range in possible R<sub>g</sub> values increases as R<sub>f</sub> decreases. The gray shaded area indicates the approximate region of combinations that are not possible for nominally white light sources.



# Concord

by **SYLVANIA**



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Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, specifications and performance data are constantly changing. Current details should therefore be checked with Feilo Sylvania International Group Kft.

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