

## Ascent 100 II Arch LumiNature Human Centric Light Tunable White ( Lumi HCL TW )

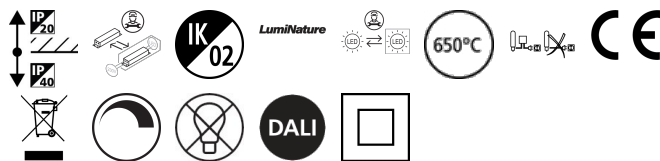
ASCENT 100 II ARCH 120 1300 LUMI HCL TW SSC

2060676



### Caratteristiche prodotto

- The ASCENT 100 II ARCH 120 1300 LUMI HCL TW SSC is a dimmable downlight luminaire; Colour temperature: TunableWhite (2700-6500K). For 2700K - Colour rendering index Ra >97; Melanopic Ratio MEER 0.525; Fidelity Index R 96; Gamut Index R 102. For 3000K - Colour rendering index Ra >96; Melanopic Ratio MEER 0.612; Fidelity Index R 97; Gamut Index R 103. For 4000K - Colour rendering index Ra >95; Melanopic Ratio MEER 0.827; Fidelity Index R 96; Gamut Index R 102. For 6500K - Colour rendering index Ra >99; Melanopic Ratio MEER 1.12; Fidelity Index R 98; Gamut Index R 100. Class II; Protection rating IP40/IP20; Cut out dimensions: 137mm. Human Centric Lighting with LumiNature chips; SylSmart Standalone enabled.



### PANORAMICA DEL PRODOTTO

Nome prodotto	ASCENT 100 II ARCH 120 1300 LUMI HCL TW SSC
Tecnologia	LED LumiNature
Cap/Base	Cable
Housing	Alluminio
Montaggio	Ceiling recessed mounting
General application	Strutture alberghiere, Uffici, Esercizi commerciali
ETIM Class	EC001744
Garanzia	5 years
Fixture luminous flux (lm)	1300
Luminaire efficacy (lm/W)	65
L.O.R. (%)	100
Temperatura di colore (K)	3000
Colore della luce	Bianco Caldo
CRI (Ra)	97
Colour Consistency (SDCM)	3
Consistenza colore (SDCM)	SDCM2
Beam Angle (°)	85
Glare control	< 23
Gruppo di rischio fotobiologico	RG0
Potenza totale (W)	20
Electrical protection	Classe II
Tipologia reattore	Electronic ballast
Montaggio reattore	Remote
Dimmable	Si
Dimming method	DALI, Switch-dim (mains-rated)
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Colore corpo lampada	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK02
Product EAN number	5025768606764

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### TABELLA DATI

#### Dati generali

Nome prodotto	ASCENT 100 II ARCH 120 1300 LUMI HCL TW SSC
Tecnologia	LED LumiNature
Cap/Base	Cable
Housing	Alluminio
Montaggio	Ceiling recessed mounting
General application	Strutture alberghiere, Uffici, Esercizi commerciali
Operating temperature range (°C)	0°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Garanzia	5 years

#### Dati ottici

Fixture luminous flux (lm)	1300
Luminaire efficacy (lm/W)	65
L.O.R. (%)	100
Temperatura di colore (K)	3000
Correlated colour temperature range (K)	3000 - 3000
Colore della luce	Bianco Caldo
CRI (Ra)	97
Colour Consistency (SDCM)	3
Consistenza colore (SDCM)	SDCM2
Beam Angle (°)	85
Glare control	< 23
Gruppo di rischio fotobiologico	RG0

#### Dati elettrici

Potenza totale (W)	20
Tensione di rete (V)	220-240V
Lamp power factor	1
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	10
Electrical protection	Classe II
Control gear required	Si
Tipologia reattore	Electronic ballast
Montaggio reattore	Remote
Transformer required	No
Dimmable	Si
Dimming method	DALI, Switch-dim (mains-rated)
Minimum dimming level (%)	1
Drive current (mA)	600
Drive current - Range (mA)	600mA / 600mA
Corrente di spunto (A)	26
Durata picco di corrente (µs)	224
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz

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LED Flickering Rate	Ultra low (5% or less)
Quantità max. apparecchi per interruttore 10A tipo C	16
Max. Luminaires per 13A C Breaker	21
Quantità max. apparecchi per interruttore 16A tipo C	26
Max. Luminaires per 20A C Breaker	33
Max. Luminaires per 10A B Breaker	10
Max. Luminaires per 13A B Breaker	13
Max. Luminaires per 16A B Breaker	16
Max. Luminaires per 20A B Breaker	20

### Dati vita utile

Vita utile nominale - L70 B50	90000
Vita utile nominale - L80 B20	72500
Vita utile nominale - L90 B10	34000

### Dati dimensionali

Colore corpo lampada	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK02
Diffuser finish	Opalino
Diffuser material	PMMA acrilico
Finitura del riflettore	High-gloss
Larghezza nominale prodotto (mm)	150
Nominal Product Height (mm)	94
Nominal Product Diameter (mm)	150
Cutout Dimensions (W x L in mm or Diameter in mm)	137
Peso (Kg)	0.715

### Dati di imballo

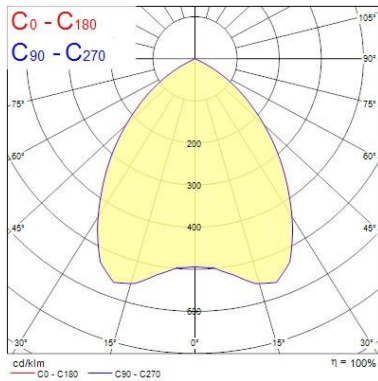
Tipologia imballo singolo	Carton
Product EAN number	5025768606764
Lunghezza imballo singolo (mm)	17.5
Larghezza imballo singolo (cm)	15.0
Packaging single depth (cm)	17.5
DUN14 (outer)	05025768606764
Quantità per imballo esterno	1
Packaging outer length / height (cm)	17.5
Packaging outer width (cm)	15.0
Packaging outer depth (cm)	17.5

## FOTOMETRIA

## Ascent 100 II Arch LumiNature Human Centric Light Tunable White ( Lumi HCL TW)

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0.5	0.91	E(0°) E(C0)	42.2"	2687 600
1.0	1.81	E(0°) E(C0)	42.2"	642 150
1.5	2.72	E(0°) E(C0)	42.2"	288 67
2.0	3.63	E(0°) E(C0)	42.2"	180 37
2.5	4.53	E(0°) E(C0)	42.2"	103 24
3.0	5.44	E(0°) E(C0)	42.2"	71 17

Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 84.4°)

### DISEGNI TECNICI

