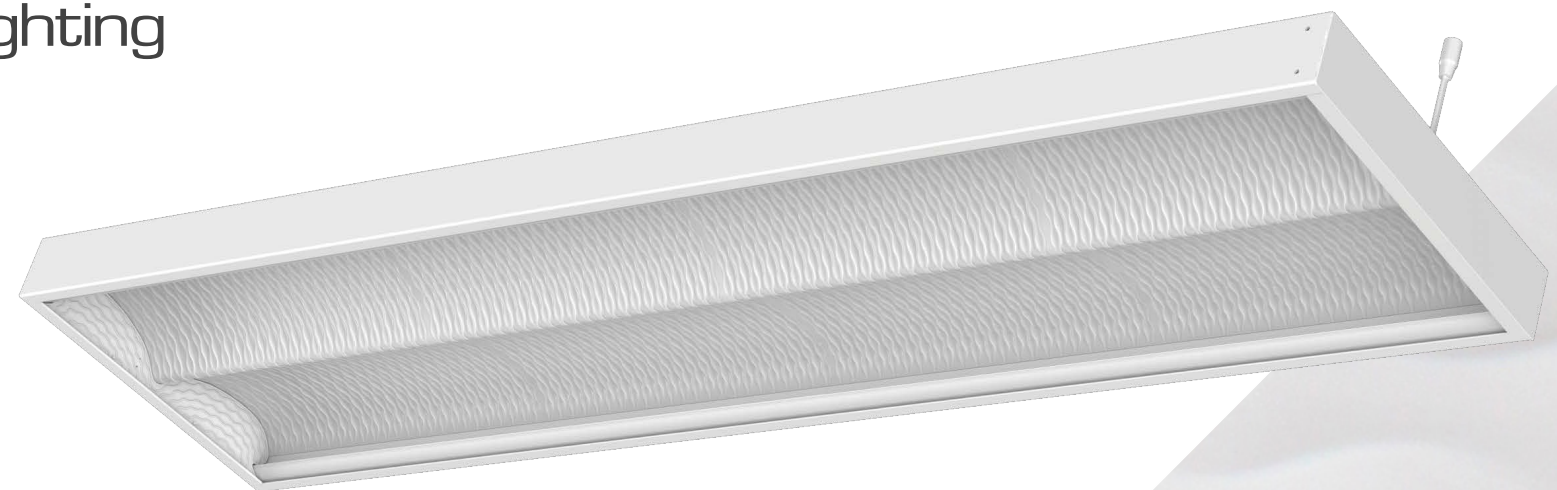Armadillo LED - Evolution In Lighting

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CelinLED Lighting
Unique Replacement for traditional grid ceiling lighting

CelinLED Lighting

- LM80 Qualified
- Low dirt accumulation
- Aluminium alloy heatsink
- High efficacy reflector material
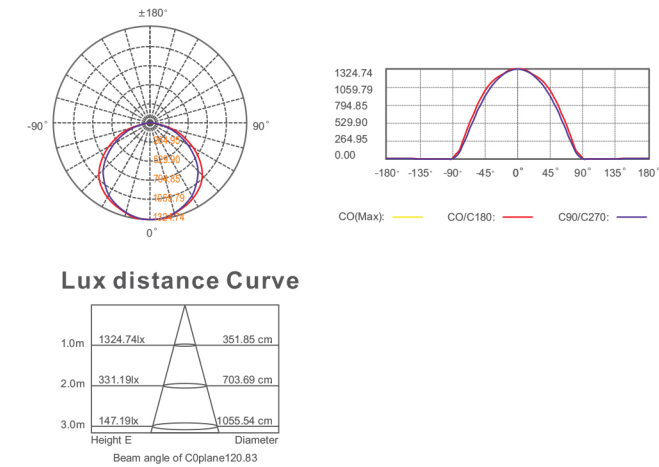- Concealed LEDs produce very low glare

Colour Temperature:	4000k (Optional: 3000k, 5000k)
Wattage:	10W - 40W
Colour Rendering Index:	>90 CRI
Lifetime:	80,000 Hours
IP Rating:	IP20
Voltage:	100-240V
Driver Current:	700mA
Power Factor:	>0.9
Dimming:	1-10V, DALI

European Standards Compliant
EN60598-1, EN 62471, EU 1194/874
2012, EN 12464, RoHS.
Mercury free and no IR or UV radiation.

UGR Glare

Reflectancies										
Ceiling/Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor	20	20	20	20	20	20	20	20	20	20

RoomDimensions X	Y	Viewed crosswise					Viewed endwise				
2H	2H	13.2	14.6	13.5	14.8	15.1	12.6	14.0	12.9	14.2	14.5
	3H	14.8	16.1	15.2	16.4	16.7	14.0	15.2	14.3	15.5	15.8
	4H	15.3	16.3	15.6	16.6	17.0	14.3	15.3	14.7	15.7	16.0
	6H	15.7	16.7	16.0	17.0	17.4	14.6	15.7	15.0	16.0	16.3
	8H	15.8	16.8	16.2	17.2	17.5	14.7	15.7	15.1	16.1	16.4
	12H	15.7	16.5	16.1	16.9	17.3	14.6	15.3	15.0	15.7	16.2
4H	2H	13.7	14.7	14.1	15.1	15.4	13.2	14.2	13.6	14.6	14.9
	3H	15.5	16.3	15.9	16.7	17.1	14.8	15.6	15.2	16.0	16.4
	4H	16.2	17.0	16.7	17.4	17.8	15.4	16.2	15.8	16.6	17.0
	6H	16.7	17.5	17.1	17.9	18.3	15.8	16.6	16.2	17.0	17.4
	8H	16.7	17.2	17.2	17.6	18.2	15.7	16.2	16.3	16.7	17.2
	12H	16.9	17.3	17.4	17.8	18.3	15.8	16.3	16.3	16.7	17.3
8H	4H	16.4	16.8	16.9	17.3	17.8	15.6	16.1	16.1	16.6	17.1
	6H	17.0	17.4	17.5	17.9	18.4	16.1	16.6	16.6	17.1	17.6
	8H	17.2	17.6	17.7	18.1	18.6	16.3	16.7	16.8	17.2	17.7
	12H	17.4	17.8	17.9	18.3	18.8	16.4	16.8	16.9	17.3	17.8
12H	4H	16.4	16.9	16.9	17.3	17.9	15.7	16.1	16.2	16.6	17.1
	6H	17.0	17.5	17.5	17.9	18.5	16.2	16.7	16.7	17.1	17.7
	8H	17.3	17.7	17.8	18.2	18.7	16.4	16.8	16.9	17.3	17.8

Variation of observer position for the luminarie distances S		
S = 1.0H	0.3/−0.6	0.3/−0.5
S = 1.5H	0.6/−0.6	0.6/−0.7
S = 2.0H	1.0/−0.7	0.9/−0.9
Standard table Correction Summand	BK3 −1.4	BK3 −2.2

Corrected Glare Indices referring to 1000lm Total Luminous Flux

Light Distribution Curve (unit: cd)

CO(Max):   CO/C180:   C90/C270:

Lux distance Curve

1.0m	1324.74lx	351.85 cm
2.0m	331.19lx	703.69 cm
3.0m	147.19lx	1055.54 cm

Height E   Diameter

Beam angle of C0plane120.83

Wattage: 10W
Dimensions: 295mm x 295mm
Lumens: >1700
Efficiency: >93lm/w

Wattage: 40W
Dimensions: 595mm x 595mm
Lumens: >3900
Efficiency: >98lm/w

Wattage: 30W
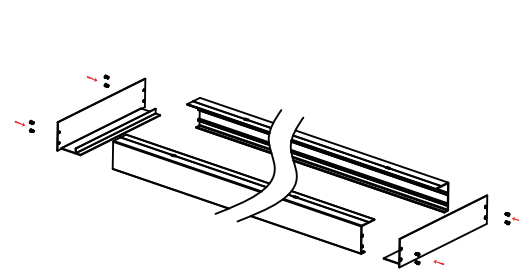Dimensions: 595mm x 295mm
Lumens: >2500
Efficiency: >95lm/w

Wattage: 40W
Dimensions: 1195mm x 295mm
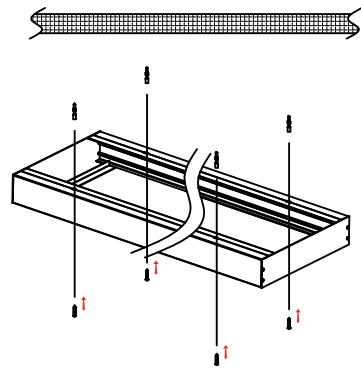Lumens: >3900
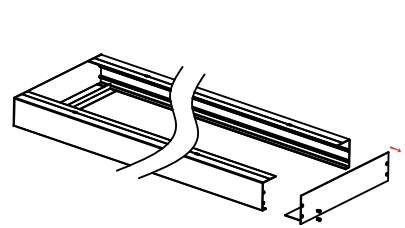Efficiency: >98lm/w

CelinLED Surface Mounting Instructions

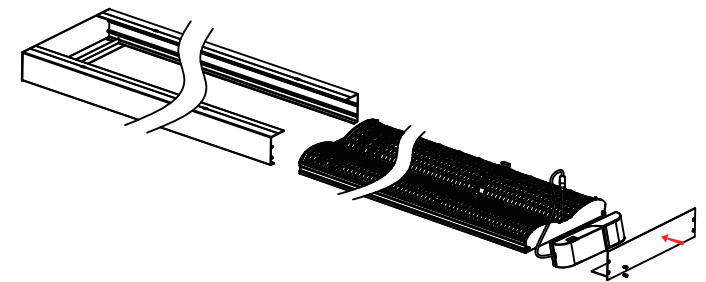① Assemble the four pcs frame on the dest.

② Use the bolts to fasten the frame on the ceiling.

③ Disassemble the front cover cap.

④ Cut off the power supply,connect the power in put of panel with the power supply/driver, insert the panel lamp into the frames from the front side,the power supply/driver is placed on the side of the fixture,then fasten the front cover cap.

⑤ Plug in the power