

## PRODUCT SPECIFICATION

# VIDAR DEEP DIM Surface Mount 60

Article no: 100042



## SOLUTION DESCRIPTION

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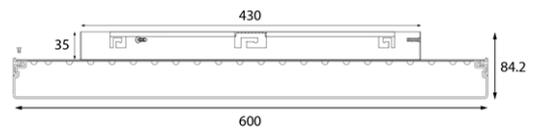
The BrainLit Vidar DD is a 24/7 Tunable white surface mount, LED luminaire that brings brightness and provides the right light daytime as well as night time. By dynamically adjusting its color temperature anywhere between cold white (6500K) and blue deprived warm white (1800K), you can transform the ambience of a room and promote the circadian alignment in the right way whether used during day- or night time. The BrainLit Vidar DD luminaire embraces the black body curve with exceptional color rendering while dimming smoothly down to 0,1%. Similarly when used at night the low temperature white ensures comfortable blue deprived light to relax or work in.

### AREAS OF USE (examples)

<b>Office</b>	High Value Offices / High Risk Offices / Meetings & Seminar Rooms
<b>Industrial</b>	High Value Manufacturing / High Risk Operations / Control Rooms
<b>Education</b>	Conference Centres / Class Rooms
<b>Hospitality</b>	Customer Interaction Centres / Receptions / Conference Rooms / Premium Room Settings / Terminals / Lounges
<b>Healthcare</b>	Surgical Theaters / Sterile Processing Dep. / Intensive Care Units / Wards-Long Term Care / Dialysis Centres
<b>Residential</b>	Nursing Homes / Elderly Care / Luxury

## MEASUREMENTS / PACKAGING

Weight (kg)	5,2
Size LxWxH (mm)	NAxNAx84,2
Diameter (mm)	600
Box quantity	1
Boxed size LxWxH (mm)	660x660x140
Boxed weight (kg)	6,8
UGR 4H 8H	22,5



Driver size LxWxH (mm): 155x80x30

## MARKET AVAILABILITY

EMEA	EU
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## PRODUCT TECHNICAL SPECIFICATION

### LIGHT PROPERTIES

Light source type	LED
LED color temperature	6500K-1800K
Color rendering	CRI/R <sub>a</sub> >90
Lumen output	6800lm
mDER range	26%-95%
Beam angle	116°
Dimming range	0,1%-100 %
Flicker handling	P <sub>st</sub> <sup>LM</sup> ≤1, SVM ≤ 0,4, IEEE 1789 comp.
Lifetime	0.88 (LLMF 50 000h) >100 000 h (L70B50)

### POWER PROPERTIES

Rated input power	56W
Efficacy*	121 lm/W
Supply voltage range	120-250V
Supply power frequency	50/60Hz
Maximum circuit breaker loading (no of luminaires):	B10 B13 B16 C10 C13 C16 @230V 21 27 33 21 27 33
DALI device type	6
DALI-2 compliant	Yes
Power supply and DALI connector	WAGO WINSTA® 0,5m

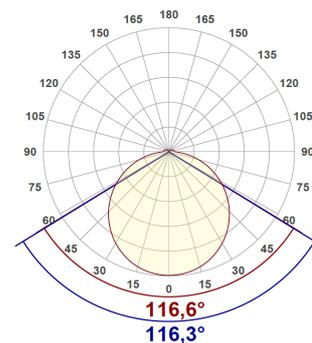
### MECHANICAL PROPERTIES

Colors	White matte (RAL 9003)
Material	Aluminum
Configuration	Backlit
Mounting	Surface mount
IP rating	20
Certifications	CE
Warranty	5 years

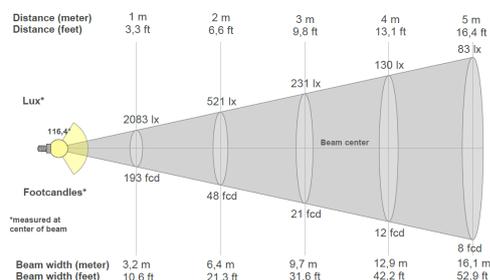
\*At maximum intensity and CCT

## TYPICAL CHARACTERIZATION DATA

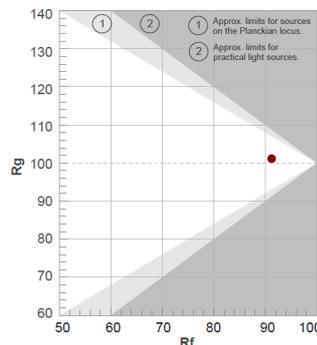
### Light distribution



### Beam description

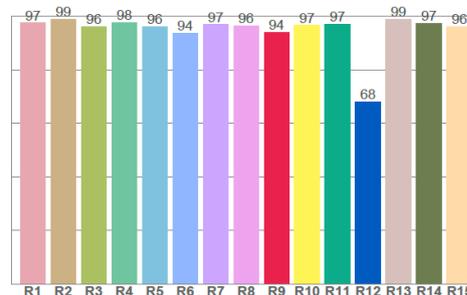


### Color rendering TM-30



### Color rendering CRI, (CIE 1931)

#### CRI: 96,6 (R1-R8)



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