

PRODUCT SPECIFICATION VILI Downlight 6"

P/N: NU6-RDTW-20LM-2765-95-HE65-120-DALIZ-RET-WH-WH



SOLUTION DESCRIPTION

PRODUCT DESCRIPTION

The BrainLit VILI is a powerful yet discreet, dynamic, recessed LED downlight that brings life and contrast to any room. It provides balance to the emotional experience of a space. By dynamically adjusting its color temperature anywhere between cold white (6500K) to warm white (2700K) you can transform the ambience of a room and promote the circadian alignment.

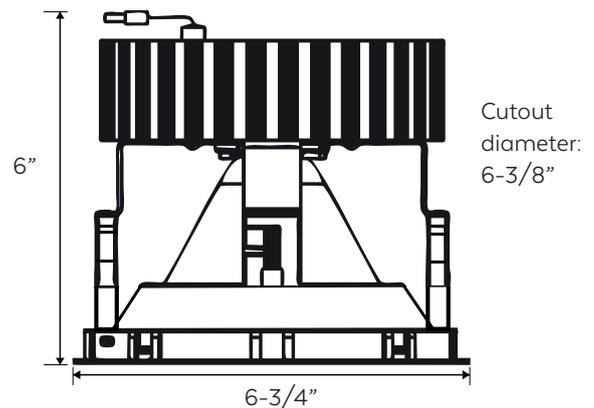
The BrainLit VILI embraces the black body curve with exceptional color rendering while dimming smoothly down to 0.1%. In addition, this new technology allows you to respond to changing demands in lighting requirements or design without replacing fixtures.

AREAS OF USE (examples)

Office	High End Offices / High Risk Offices / Meetings & Seminar Rooms
Industrial	High Value Manufacturing / High Risk Operations / Control Rooms
Education	Conference Rooms / Classrooms
Hospitality	Customer Service Centres / Receptions / Conference Centres / Terminals / Lounges / Premium Room Settings
Healthcare	N/A
Residential	Nursing Homes / Elderly Care / Grand Room

MEASUREMENTS / PACKAGING

Weight (lbs)	4.5
Height (in)	6"
Diameter (in)	6-3/4"
Box quantity	1



MARKET AVAILABILITY

AMERICAS US, Canada

Driver enclosure size:
LxWxH (in): 8-5/8 x 3-1/2 x 1-1/2



PRODUCT TECHNICAL SPECIFICATION

LIGHT PROPERTIES

Light source type	LED
LED color temperature	2700K-6500K
Color rendering	CRI/Ra >90
Lumen output	1,300lm
mDER range	41% - 98%
Beam angle	75°
Dimming range	0.1% - 100%
Flicker handling	$P_{st}^{LM} \leq 1$, SVM ≤ 0.4 , IEEE 1789 comp.
Lifetime	0.85 (LLMF 50,000h) >100,000h (L70B50)

POWER PROPERTIES

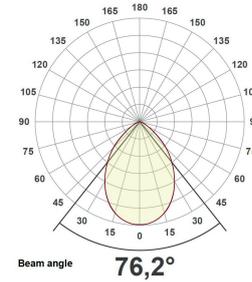
Rated input power	25W																		
Efficacy*	65 lm/W																		
Supply voltage range	120 V - 277 V																		
Supply power frequency	50/60Hz																		
Maximum circuit breaker loading (no of luminaires):	<table border="1" style="display: inline-table; border-collapse: collapse;"> <thead> <tr> <th></th> <th>10A</th> <th>15A</th> <th>20A</th> <th>25A</th> <th>30A</th> </tr> </thead> <tbody> <tr> <td>@277V</td> <td>38</td> <td>56</td> <td>76</td> <td>96</td> <td>114</td> </tr> <tr> <td>@120V</td> <td>16</td> <td>24</td> <td>32</td> <td>40</td> <td>50</td> </tr> </tbody> </table>		10A	15A	20A	25A	30A	@277V	38	56	76	96	114	@120V	16	24	32	40	50
	10A	15A	20A	25A	30A														
@277V	38	56	76	96	114														
@120V	16	24	32	40	50														
DALI device type	6																		
DALI-2 compliant	No																		
Power, DALI connection	Splice box																		

MECHANICAL PROPERTIES

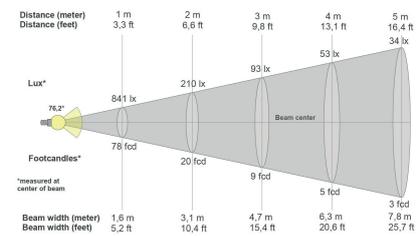
Colors	White
Material	Electrocoated cold-rolled steel, die cast aluminum, PC
Mounting	Recessed
Configuration	Recessed downlight
IP rating	Wet locations
Certifications	usETL Listed to UL1598 cETL Listed to CSA C22.2 #250.0
Warranty	5 years

TYPICAL CHARACTERIZATION DATA

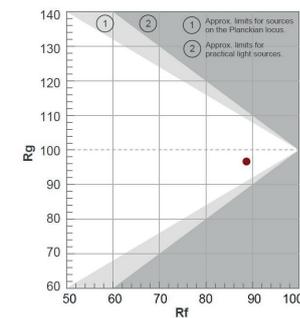
Light distribution



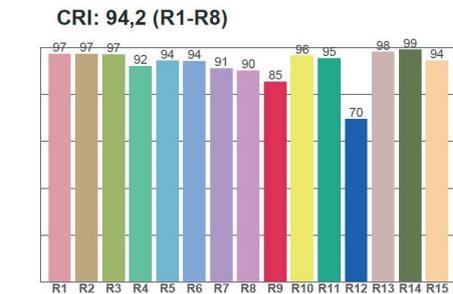
Beam description



Color rendering TM-30



Color rendering CRI, (CIE 1931)



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