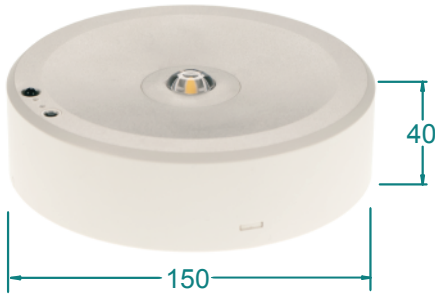


# VISUAL Emergency Downlight



**Specification:** Stand-alone self-contained emergency LED downlight. Constant emergency light (1.5W/150lm & 3W/270lm) for 3 hours. Low stand-by power consumption (0.5W). Self-test versions and remote controls available. Lithium battery integrated. Non-maintained configuration. Ceiling surface mount. Suitable for open area and corridor indoor applications.



\* Self-test only available on AST and PST versions

## Key Features

- Integrated test button
- Low stand-by power consumption (0.5 W)
- Fast battery re-charge (8 hours)\*
- Open area, corridor and spot lens options
- Remote control available

\* First battery charge takes up to 16 hours

## VISUAL Emergency Downlight

Part number	Description	Testing facility	Remote control part number *	Operating temperature	Net weight
DLB1.5-OA2-MT	Ceiling mounted LED downlight NM 1.5W 150lm open area MT	Manual Test (MT)	ARC	0°C ~ 40°C	0.27 kg
DLB1.5-OA2-AST	Ceiling mounted LED downlight NM 1.5W 150lm open area Self Test AST	Advanced Self-Test (AST)	ARC		
DLB1.5-OA2-PST	Ceiling mounted LED downlight NM 1.5W 150lm open area Self Test PST	Programmable Self-Test (PST)	PRC		
DLB1.5-C-MT	Ceiling mounted LED downlight NM 1.5W 140lm corridor MT	Manual Test (MT)	ARC		
DLB1.5-C-AST	Ceiling mounted LED downlight NM 1.5W 140lm corridor Self Test AST	Advanced Self-Test (AST)	ARC		
DLB1.5-C-PST	Ceiling mounted LED downlight NM 1.5W 140lm corridor Self Test PST	Programmable Self-Test (PST)	PRC		
DLB3-S45-MT	Ceiling mounted LED downlight NM 3W 270lm 45° beam MT	Manual Test (MT)	ARC		0.32kg
DLB3-S45-AST	Ceiling mounted LED downlight NM 3W 270lm 45° beam Self Test AST	Advanced Self-Test (AST)	ARC		
DLB3-S45-PST	Ceiling mounted LED downlight NM 3W 270lm 45° beam Self Test PST	Programmable Self-Test (PST)	PRC		
DLB3-OA1-MT	Ceiling mounted LED downlight NM 3W 270lm open area MT	Manual Test (MT)	ARC		
DLB3-OA1-AST	Ceiling mounted LED downlight NM 3W 270lm open area Self Test AST	Advanced Self-Test (AST)	ARC		
DLB3-OA1-PST	Ceiling mounted LED downlight NM 3W 270lm open area Self Test PST	Programmable Self-Test (PST)	PRC		
DLB3-OA2-MT	Ceiling mounted LED downlight NM 3W 270lm open area High Ceiling MT	Manual Test (MT)	ARC		
DLB3-OA2-AST	Ceiling mounted LED downlight NM 3W 270lm open area Self Test High Ceiling AST	Advanced Self-Test (AST)	ARC		
DLB3-OA2-PST	Ceiling mounted LED downlight NM 3W 270lm open area Self Test High Ceiling PST	Programmable Self-Test (PST)	PRC		

\* Advance Remote Control (ARC) allows the accredited installer to carry out functional tests and/or full duration tests at any time and to check system's status. Please refer to ARC's user guide. In addition to ARC functions the Programmable Remote Control (PRC) allows the accredited installer to programme the testing schedule of each emergency luminaire. Please refer to PRC's user guide.

## Installation Notes

- Surface ceiling mount
- Screwless terminal block (L, N, earth loop in/out)
- Cable entry to side (20mm cut-out) and rear
- Terminal block takes wires up to 3 x 2.5mm<sup>2</sup>

Technical information	1.5W	3W
Input voltage/frequency	220-240V AC 50Hz	
Power consumption	N.A.	
Maintained	N.A.	
Non-maintained	3W(Max.*) 0.5W(standby)	6W(Max.*) 0.5W(standby)
Lumen output	N.A.	
On mains voltage	N.A.	
On emergency mode	150lm	270lm
LEDs Lifetime (L-70)	50,000h	
Discharge duration	3hr	
Wh (non-maintained standby)	0.5	
Charge duration	up to 8hrs (first charge up to 16hrs)	
Test facility	MT, AST, PST	
IP rate	IP20	
IK rate	IK06	
Insulation class	II	
Operation temp.	0~40°C	
Storage temp.	0~50°C	

Materials	1.5W	3W
Luminaire housing	Polycarbonate	
Luminaire lens	Polycarbonate	
Luminaire bracket	Polycarbonate	
Luminaire legend	N.A.	
Luminaire screws	Nickel Steel	
Finish	Matt	
Colour	White	
Battery type	Li-Ion 3.6V 2500mAh	Li-Ion 3.6V 5000mAh

Logistic information	
Product dimensions (L x W x D)mm	R75 x 40 mm
Product Net weight (Kg)	0.27Kg / 0.32Kg
Box dimensions (L x W x D)mm	160 x 154 x 50 mm
Gross weight (Kg)	0.35Kg / 0.40Kg
Quantity of outer carton	28 pcs
Outer carton dimensions(L x W x D)mm	360 x 336 x 327 mm
Outer carton gross weight (Kg)	10.50Kg / 11.60Kg
Quantity per Euro pallet (1200 x 800)	672 pcs
Pallet weight (Kg)	10 Kg

Light Source	
Brand	Luminus
Quantity	1 pcs
CCT	4000K
CRI	>80

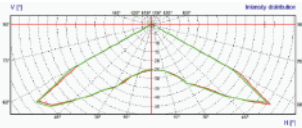
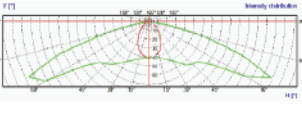
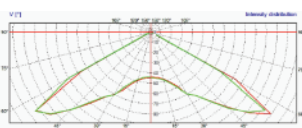
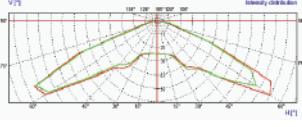
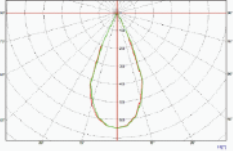
Certification	
Safety standard	BS EN 60598-2-22
Certified by	LIA
CE mark	Yes
Factory QMS	ISO9001

\* Power consumption only during charging mode

## TESTING FACILITIES

MT (Manual Test)	This luminaire needs to be tested by a competent person according to BS EN 50172:2004. This luminaire can be used in conjunction with the Advanced Remote Control (ARC). ARC is an optional tool that adds new features to AST and MT emergency luminaires. If functional test or full duration test is initiated via ARC the MT luminaire will automatically switch to mains mode after the functional or full duration test is completed.
AST (Advanced Self-Test)	This is a self-test luminaire. Functional test is carried out automatically once a week and runs for 30 seconds. Full duration test is carried out automatically every 52 weeks. First full duration test is carried out automatically within the first 4 weeks after the luminaire being connected to mains voltage. This luminaire can be used in conjunction with the Advanced Remote Control (ARC). ARC is an optional tool that adds extra features to AST emergency luminaires. Please refer to the ARC's user guide.
PST (Programmable Self-Test)	This is a programmable self-test luminaire. It must be used in conjunction with a Programmable Remote Control (PRC). Please refer to PRC's user guide.

## SPACING TABLE

Photometric curve	Model Number	Mounting height (m)	Lux level directly under	Anti-panic 0.5 lux				Escape Route 1 lux			
				Transverse to Wall	Transverse to Transverse	Axial to Axial	Axial to Wall	Transverse to Wall	Transverse to Transverse	Axial to Axial	Axial to Wall
	DLB1.5-OA2 Open Area lens (125°)	2	6.2	3.8	8.1	8.1	3.8	3.6	7.6	7.6	3.5
		2.5	5.1	4.6	9.8	9.8	4.5	4.1	9.1	9.1	4.0
		3	3.9	5.2	11.3	11.3	5.2	4.5	10.3	10.4	4.4
		3.5	2.7	5.7	12.7	12.8	5.7	4.2	11.3	11.3	4.2
		4	1.6	6.1	14.0	14.1	6.1	2.8	11.3	11.5	2.8
		4.5	1.3	6.5	15.1	15.2	6.4	-	8.3	8.5	-
		5	1.1	5.9	16.1	16.1	5.9	-	7.7	7.8	-
		5.5	0.9	4.4	16.3	16.6	4.6	-	6.8	7.0	-
	DLB1.5-C Corridor lens (145°x75°)	2	10.1	-	-	-	-	1.9	4.7	12.1	5.2
		2.5	8.2	-	-	-	-	2.0	5.1	13.7	5.7
		3	6.3	-	-	-	-	2.0	5.4	14.9	6.0
		3.5	4.4	-	-	-	-	2.0	5.6	16.1	4.6
		4	2.5	-	-	-	-	1.8	5.7	15.6	4.2
		4.5	4.4	-	-	-	-	1.6	5.7	15.3	3.8
		5	3.3	-	-	-	-	-	5.6	13.1	-
		5.5	2.2	-	-	-	-	-	5.3	12.0	-
	DLB3-OA2 Open Area lens (125°)	2	10.9	4.0	8.3	8.3	4.0	3.8	8.0	8.0	3.7
		2.5	8.3	4.9	10.1	10.2	4.8	4.5	9.6	9.6	4.4
		3	6.4	5.6	11.9	11.9	5.5	5.1	11.1	11.1	4.9
		3.5	4.6	6.3	13.5	13.5	6.2	5.6	12.5	12.5	5.4
		4	2.7	7.0	15.0	15.0	6.7	6.0	13.7	13.7	5.9
		4.5	2.4	7.5	16.4	16.4	7.3	6.1	14.7	14.7	5.9
		5	2.0	7.9	17.8	17.8	7.7	5.4	15.6	15.6	5.4
		5.5	1.6	8.3	19.0	19.0	8.2	3.7	15.4	15.6	3.7
	DLB3-OA1 Open Area lens (155°)	2	6.2	5.2	12.1	12.0	5.1	4.6	10.7	10.6	4.5
		2.5	5.0	6.0	14.0	13.8	5.9	5.2	12.3	12.1	4.9
		3	3.9	6.7	15.7	15.5	6.5	5.4	13.7	13.4	5.0
		3.5	2.7	7.3	17.3	20.0	6.9	3.9	14.8	14.3	4.0
		4	1.5	7.5	18.7	18.4	7.1	1.5	14.0	14.1	1.5
		4.5	1.3	7.5	20.0	19.4	6.7	-	11.8	11.4	-
		5	1.1	5.3	20.9	20.2	5.5	-	9.9	9.7	-
		5.5	0.9	2.5	20.2	20.2	4.7	-	-	-	-
	DLB3-S45 45° Spot lens (45°)	2	161.0	1.1	2.3	2.4	1.1	1.1	2.3	2.4	1.1
		2.5	130.8	1.4	2.9	3.0	1.4	1.4	2.9	3.0	1.4
		3	100.7	1.7	3.5	3.6	1.7	1.7	3.5	3.6	1.7
		3.5	70.5	2.0	4.0	4.2	2.0	2.0	4.0	4.1	2.0
		4	40.3	2.3	4.6	4.8	2.3	2.2	4.6	4.6	2.2
		4.5	34.7	2.5	5.2	5.4	2.6	2.5	5.1	5.1	2.5
		5	29.1	2.8	5.8	5.8	2.8	2.7	5.7	5.7	2.8
		5.5	23.5	3.1	6.3	6.3	3.1	2.9	6.2	6.2	3.0
		6	17.9	3.3	6.9	6.9	3.4	3.2	6.7	6.7	3.2
6.5	15.0	3.6	7.4	7.4	3.6	3.4	7.2	7.2	3.4		
7	12.2	3.8	7.9	8.0	3.9	3.5	7.7	7.7	3.6		