

REWARDING BRIGHTNESS



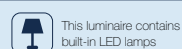
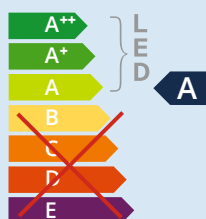
Downlights

Omega 50

Adjustable

Specifications

Colour(s)	Housing	Reflector ring	Housing	Reflector ring
	Matt white RAL9016 / Gold (XX=61)		Matt black RAL9005 / Gold (XX=71)	
	Matt white RAL9016 / Silver (XX=63)		Matt black RAL9005 / Silver (XX=74)	
	Matt white RAL9016 / Copper (XX=64)		Matt black RAL9005 / Copper (XX=75)	
	Matt white RAL9016 / Black (XX=62)		Matt black RAL9005 / Black (XX=72)	
Beam angle (FWHM)	40° (65° FWTM)			
Fixture material	Housing: Die cast aluminium / Reflector glass: Polycarbonate			
Environment	Indoor			
IP rate	IP20			
IK rate	IK03			
Operating temperature (Ta)	-20°C / +45°C			
Safety marks	EN60598 / EN62031 / EN62471			
EMC compliance	EN55015			
Colour consistency (SDCM)	MacAdam step 3			
Warranty	7 years			



The lamps cannot be changed in the luminaire.



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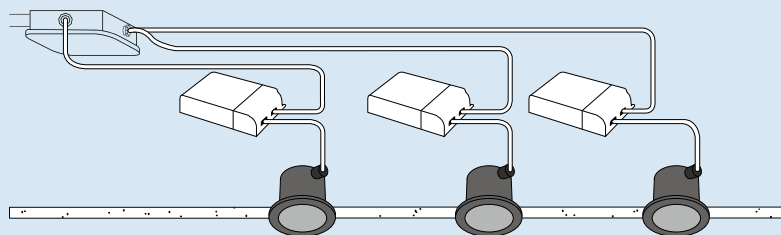

IP20

Only for plasterboard ceilings or similar hard materials.

Omega 50 (dimmable - incl. individual power supply)

220-240V

Downlight incl. PSU



Item specifications (part A)

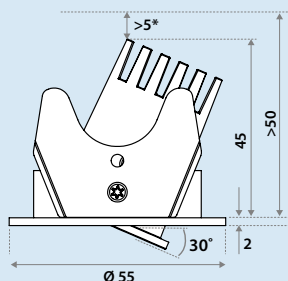
Description	Item code	Type	Input	W	Lm	Lm/W	CRI (typ.)	UGR	Pf	Ripple	Inrush current	B-16A Fuse
Omega 50 adj LV 375 Lm 2700K Triac dim	VP5303XX4813	Incl. PSU	220-240V	5,7	375	66	82	14.4	0.96	<20%	2A 50µS	50 pcs
Omega 50 adj LV 400 Lm 3000K Triac dim	VP5303XX4913	Incl. PSU	220-240V	5,7	400	70	82	14.4	0.96	<20%	2A 50µS	50 pcs
Omega 50 adj LV 425 Lm 4000K Triac dim	VP5303XX5013	Incl. PSU	220-240V	5,7	425	75	82	14.4	0.96	<20%	2A 50µS	50 pcs

Item specifications (part B)

Description	Safety class	Energy class	Weight	Dimensions single carton	Quantity per carton	Expected lifespan (25°C)		
						L70B50	L80B50	L90B50
Omega 50 adj LV 375 Lm 2700K Triac dim	II	A	188 gr	105x105x61 mm	42 pcs	259.260 hrs	156.636 hrs	65.836 hrs
Omega 50 adj LV 400 Lm 3000K Triac dim	II	A	188 gr	105x105x61 mm	42 pcs	259.260 hrs	156.636 hrs	65.836 hrs
Omega 50 adj LV 425 Lm 4000K Triac dim	II	A	188 gr	105x105x61 mm	42 pcs	259.260 hrs	156.636 hrs	65.836 hrs

All values are measured at 230V (+/- 7%).

Dimensions



* This distance is necessary because of the height of the connection box (80 mm). For purely heat reasons just 5 mm is sufficient.

Incl. PSU Triac dim

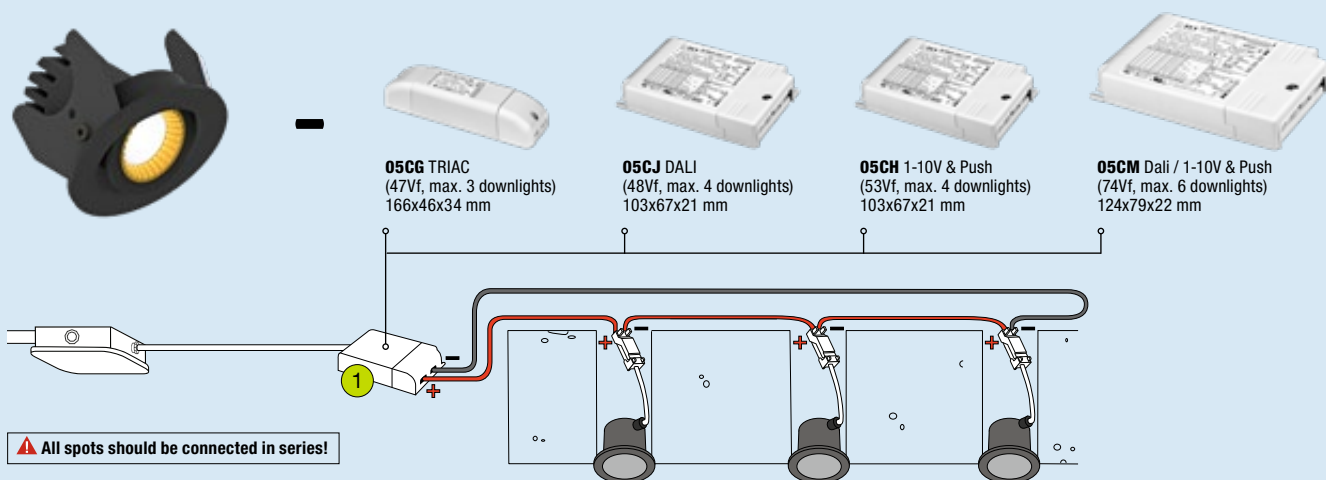


PSU Triac dim
102x38x21 mm

Cable
150 mm

Omega 50 (dimmable - excl. central power supply)

350 mA



Item specifications (part A)

Description	Item code	Type	Input	Vf	W	Lm	Lm/W	CRI (typ.)	UGR	Pf	Ripple	Inrush current	B-16A Fuse
Omega 50 adj LV 350mA 375 Lm 2700K Dim	VP5303XX0111	Incl. Conn.Box	350mA	11,9	4,5	375	83	82	14.4	x	x	x	x
Omega 50 adj LV 350mA 400 Lm 3000K Dim	VP5303XX7211	Incl. Conn.Box	350mA	11,9	4,5	400	89	82	14.4	x	x	x	x
Omega 50 adj LV 350mA 425 Lm 4000K Dim	VP5303XX0211	Incl. Conn.Box	350mA	11,9	4,5	425	94	82	14.4	x	x	x	x

Item specifications (part B)

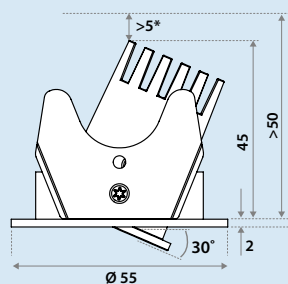
Description	Safety class	Energy class	Weight	Dimensions single carton	Quantity per carton	Expected lifespan (25°C)		
						L70B50	L80B50	L90B50
Omega 50 adj LV 350mA 375 Lm 2700K Dim	III	A	138 gr	105x105x61 mm	42 pcs	259.260 hrs	156.636 hrs	65.836 hrs
Omega 50 adj LV 350mA 400 Lm 3000K Dim	III	A	138 gr	105x105x61 mm	42 pcs	259.260 hrs	156.636 hrs	65.836 hrs
Omega 50 adj LV 350mA 425 Lm 4000K Dim	III	A	138 gr	105x105x61 mm	42 pcs	259.260 hrs	156.636 hrs	65.836 hrs

Dimmable central power supply

Description	Item code	Watt	Current	Efficiency	Pf	Ripple	Input	Weight	Inrush current	B-16A Fuse
PSU 32W 350mA Triac (1)	05CG03MLMD00	32W (47Vf)	350mA	85%	0.97	<3%	220-240V	138 gr	5A 50μS	50 pcs
PSU 32W 350mA Dali (1)	05CJ03MLMD00	32W (48Vf)	350mA	87%	0.98	<3%	220-240V	138 gr	5A 50μS	50 pcs
PSU 32W 350mA 1-10V & Push (1)	05CH03MLMD00	32W (53Vf)	350mA	90%	0.95	<3%	220-240V	138 gr	5A 50μS	50 pcs
PSU 50W 350mA Dali / 1-10V & Push (1)	05CM03MLMD00	50W (74Vf)	350mA	89%	0.95	<3%	220-240V	218 gr	20A 400μS	15 pcs

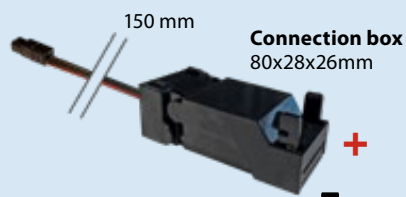
All values are measured at 230V (+/- 7%).

Dimensions



Including connection box

For installation to a central power supply.



CREE

37C

PHENIX CONTACT

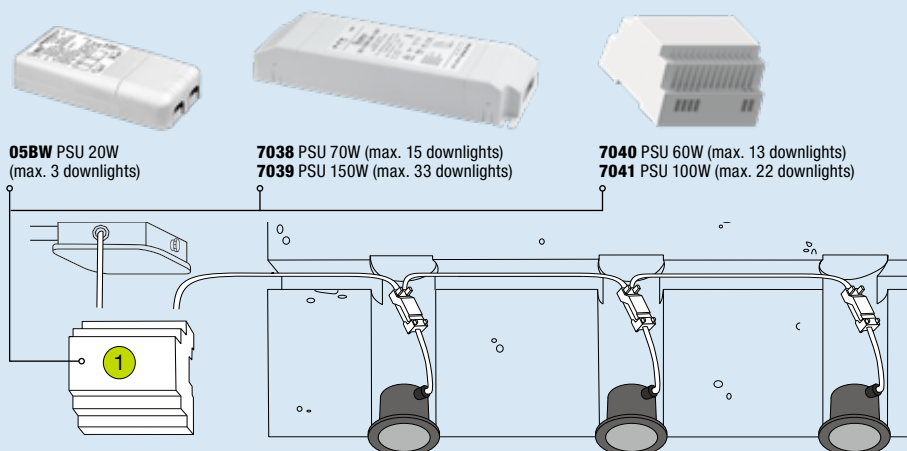
TCI LED

Omega 50 (non-dimmable - excl. central power supply)

24Vdc



Easy installation, all spots can be connected in parallel!



Item specifications (part A)

Description	Item code	Type	Input	W	Lm	Lm/W	CRI (typ.)	UGR	Pf	Ripple	Inrush current	B-16A Fuse
Omega 50 adj LV 24Vdc 375 Lm 2700K No dim	VP1903XX0111	Incl. Conn.Box	24Vdc	4,5	375	83	82	14.4	x	x	x	x
Omega 50 adj LV 24Vdc 400 Lm 3000K No dim	VP1903XX7211	Incl. Conn.Box	24Vdc	4,5	400	89	82	14.4	x	x	x	x
Omega 50 adj LV 24Vdc 425 Lm 4000K No dim	VP1903XX0211	Incl. Conn.Box	24Vdc	4,5	425	94	82	14.4	x	x	x	x

Item specifications (part B)

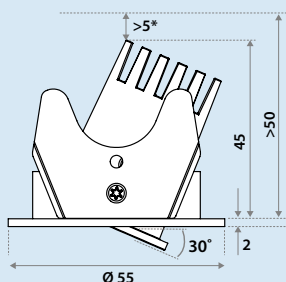
Description	Safety class	Energy class	Weight	Dimensions single carton	Quantity per carton	Expected lifespan (25°C)		
						L70B50	L80B50	L90B50
Omega 50 adj LV 24Vdc 375 Lm 2700K No dim	III	A	138 gr	105x105x61 mm	42 pcs	259.260 hrs	156.636 hrs	65.836 hrs
Omega 50 adj LV 24Vdc 400 Lm 3000K No dim	III	A	138 gr	105x105x61 mm	42 pcs	259.260 hrs	156.636 hrs	65.836 hrs
Omega 50 adj LV 24Vdc 425 Lm 4000K No dim	III	A	138 gr	105x105x61 mm	42 pcs	259.260 hrs	156.636 hrs	65.836 hrs

Central power supply

Description	Item code	Input	Watt	Efficiency	Pf	Ripple	Dimensions	Weight	Inrush current	B-16A Fuse
PSU 20W 24Vdc No dim (1)	05BW03MLMC00	220-240V	20W	87%	0.93	<3%	111x52x22 mm	108 gr	5A 50µS	50 pcs
PSU 70W 24Vdc No dim (1)	703805000002	220-240V	70W	91%	0.97	<3%	225x60x36 mm	448 gr	15A 600µS	15 pcs
PSU 150W 24Vdc No dim (1)	703905000002	220-240V	150W	94%	0.98	<3%	240x60x49 mm	582 gr	35A 1000µS	8 pcs
PSU 60W 24Vdc No dim (1)	704005000002	100-240V	60W	84%	0.92	<3%	93x78x56 mm	296 gr	35A	
PSU 100W 24Vdc No dim (1)	704105000002	100-240V	100W	89%	0.92	<3%	100x93x56 mm	342 gr	40A	

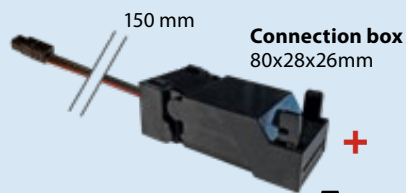
All values are measured at 230V (+/- 7%).

Dimensions



Including connection box

For installation to a central power supply.



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37C

PHENIX CONTACT

TCI LED
professional led applications