# **ZANEEN**<sub>®</sub>

# A3D235- COMPONENTS

## DTM0150350ES

### DESCRIPTION

ERP - ESS015W-0350-42 - 0-10Vdc & Phase [Leading and Trailing Edge @120Vac only] dimming - 15W - 350mA - 120 / 277Vac - LED power supply -Used with ENCP3 -Available with IP68-Outdoor Rated -ENCP20, ENCP22

### GENERAL

Division: Architectural : Components : LED Drivers

#### PHYSICAL

Length (mm): 84
Length (in): 3 <sup>1</sup> / <sub>3</sub>
Width (mm): 40
Width (in): 1 <sup>9</sup> / <sub>16</sub>
Height (mm): 25.2
Height (in): 1
Weight (kg): 0.154
Weight (lbs): 0.339
Fixture Material: Plastic
ELECTRICAL

## Lamp Type: LED

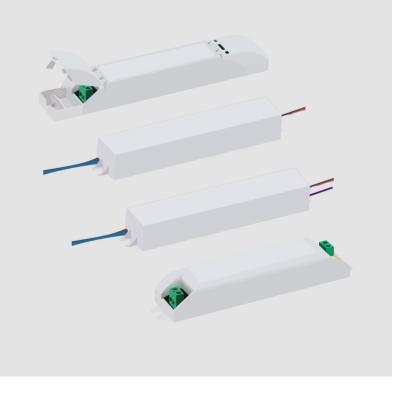
Lamp Type: LED
Total Output Wattage (W): 8.4-14.7
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350
Constant Voltage (V): 28-42
Upon Request: 0-10Vdc dimming / Phase dimming @120Vac only / 277Vac

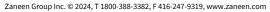
### **RATINGS AND CERTIFICATIONS**

Certified By: UR Listed

Code Compliance: Title 24 commercial Installation IP rating: Dry / Damp

PROJECT			
TYPE	-		
NOTES			
QUANTITY			
DATE			





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# A3D235- COMPONENTS

LEGEND

PROJECT

PROJECT
TYPE

NOTES QUANTITY

DATE

floor-mounted	¥	pivotable	$\circledast$	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
ceiling-mounted and wall-mounted	R	illuminate tilted	0	rechargeable battery powered
wall-mounted	T	color of suspension cable	1400	fixture with natural vivid LED (upon request)
omni-directional light distribution	÷	length of suspension cable		color rendering index
direct light distribution	Δ	reflector degree selection	°К	color temperature
direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
indirect light distribution	≱•	lens	€	efficacy (lumens per watt)
asymmetric light distribution	&	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
aura light distribution	0	shine ring	Ĝŀ∘	marine grade (AISI 316 stainless steel)
round wall or ceiling cut-out	$\odot$	integrated shine ring with diffuser	۲	walk on
square wall or ceiling cut-out	Ċ	free individual colors 01-29	۲	drive on
the supplied jig specifies the cutout dimensions	Ĩ	individual colors: 00 (free of charge), 01-25 (extra charge)	BSC	Dark Sky Compliance
minimum distance (meters) lamp - object	۲	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
ceiling thickness selection		luminaire part to be colored (F4)		acoustic material
(step-dim)		luminaire part to be colored (F5)	$\bigcirc$	protection class I, protection insulation
included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
sensor	D	direct diffuser	c (H) us	UL Certified to UL and CSA Standards
remote control	$\odot$	ball-proof (upon request)	٩.	CSA Certified to UL and CSA Standards
available upon request	0	accessory	2	Certified for North American Standards
	wall and ceiling: recessed and surface mounted ceiling-mounted and wall-mounted wall-mounted omni-directional light distribution direct light distribution direct light distribution indirect light distribution asymmetric light distribution aura light distribution round wall or ceiling cut-out square wall or ceiling cut-out the supplied jig specifies the cutout dimensions minimum distance (meters) lamp - object recessed depth ceiling thickness in mm ceiling thickness selection dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) included or excluded LED driver/transformer/ control gear separately switchable sensor remote control	wall and ceiling: recessed and surface mounted   wall-mounted and wall-mounted   wall-mounted   omni-directional light distribution   direct light distribution   direct light distribution   indirect light distribution   asymmetric light distribution   aura light distribution   round wall or ceiling cut-out   square wall or ceiling cut-out   ininimum distance (meters) lamp - object   recessed depth   ceiling thickness in mm   ceiling thickness selection   dimmable DP (phase), DV (0-10V), DD (dali), DS   included or excluded LED driver/transformer/ control gear   sensor   op   remote control	wall and ceiling: recessed and surface mounted ✓ rotating   ceiling-mounted and wall-mounted ✓ rotating   omni-directional light distribution ✓ color of suspension cable   omni-directinal light distribution ✓ reflector degree selection   direct/indirect light distribution ✓ reflector degree selection   direct/indirect light distribution ✓ super spot   indirect light distribution ✓ lens   asymmetric light distribution ✓ shine ring   round wall or ceiling cut-out ✓ integrated shine ring with diffuser   square wall or ceiling cut-out ✓ free individual colors 01-29   the supplied jig specifies the cutout dimensions ✓ individual colors: 00 (free of charge), 01-25 (extra charge)   minimum distance (meters) lamp - object ✓ luminaire part to be colored (F1)   recessed depth ✓ luminaire part to be colored (F2)   ceiling thickness in mm ✓ luminaire part to be colored (F3)   ceiling thickness selection ✓ luminaire part to be colored (F3)   luminaire part to be colored (F4) Iuminaire part to be colored (F5)   included or excluded LED	wall and ceiling: recessed and surface mounted ✓ rotating Image: color of supension cable

## **IP RATING**

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
IP65	protected against ingress of dust protected against jets of water
IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

## **IK RATING**

КО1	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
КОЗ	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
КО5	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
КОб	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
КОВ	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
1609	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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