

DND1000048TLC

base number

DESCRIPTION

Tridonic - LC~48V~100W~DC-STR~UNV~FO~lp - 120-277Vac - 48Vdc - 96W - Non-dimming~driver-Used~with~ENCP7~Available~with~IP68 - Outdoor~Rated - Enclosure~TBD

- 1.To build a product code in our configurator select the specify button on the base model # product page
- 2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Division: Architectural : Components

PHYSICAL

Length (mm): 425

Length (in): 16 3/4

Width (mm): 30

Width (in): 1 $\frac{3}{16}$

Height (mm): 21

Height (in): 13/16

Weight (kg): 0.756

Fixture Material: Metal

ELECTRICAL

Lamp Type: LED

Input Wattage (W): Max. 106

Total Output Wattage (W): 100

Dimming: Non-Dimmable

Driver Type: Constant Voltage - Universal

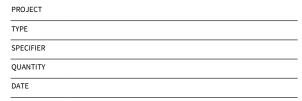
Driver Class: Class 2

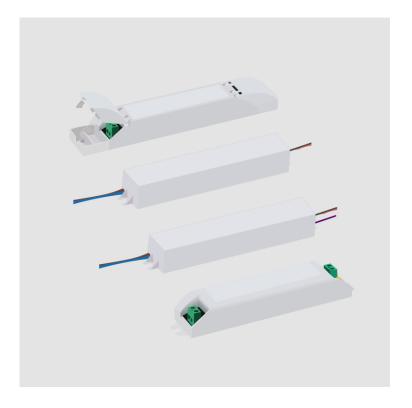
Input Voltage (V): 120 - 277

Constant Voltage (V): 48Vdc

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards









PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

LEGEND

		¥			special LED (upon request) PGB_PGBW_tunable	
<u></u>	floor-mounted		pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+	
7	wall and ceiling: recessed and surface mounted		rotating	0	warm dim / natural dimming LED	
$\overline{\uparrow}$	ceiling-mounted and wall-mounted		illuminate tilted	0	rechargeable battery powered	
\rightarrow	→ wall-mounted		color of suspension cable		fixture with natural vivid LED (upon request)	
Y	omni-directional light distribution		length of suspension cable	CRI	color rendering index	
$\dot{\Delta}$	direct light distribution		reflector degree selection	(K)	color temperature	
X	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)	
Y	indirect light distribution		lens	₩	efficacy (lumens per watt)	
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40	
	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)	
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	3	walk on	
Z)	square wall or ceiling cut-out		free individual colors 01-29	②	drive on	
4	the supplied jig specifies the cutout dimensions	Ĉ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance	
□ ←,→	minimum distance (meters) lamp - object	♦	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)	
$\hat{\pm}$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion	
<u></u>	ceiling thickness in mm	•	luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower	
1	ceiling thickness selection		luminaire part to be colored (F4)	● ®	acoustic material	
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation	
C. CO	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation	
8	separately switchable	\odot	indirect diffuser	. .	ETL Certified to UL and CSA Standards	
9	sensor	0	direct diffuser	շ (Մը) us	UL Certified to UL and CSA Standards	
	remote control	(1)	ball-proof (upon request)	® :	CSA Certified to UL and CSA Standards	
9	available upon request	O	accessory	②	Certified for North American Standards	

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

100000	288 (400 C) - 26 5 (100 C) - 26 5 (
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
ІКОЗ	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)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	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) $$
IK08	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)