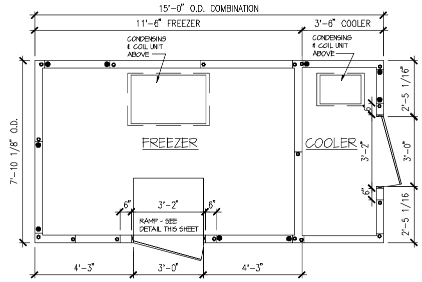
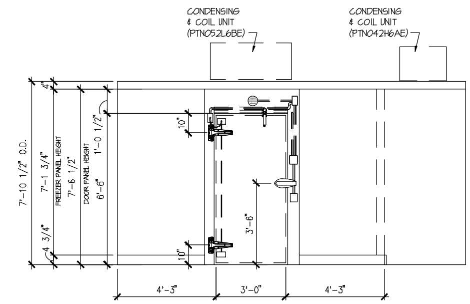
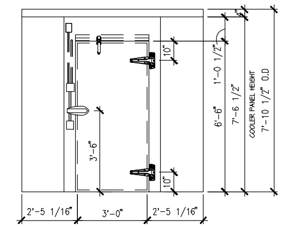
KPS GLOBAL PREFABRICATION
WALK-IN FREEZER/COOLER UNIT



PLAN VIEW



FRONT ELEVATION



SIDE ELEVATION

SPECIFICATIONS

CONSTRUCTION:

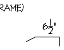
COOLER:
- WALLS: 3 1/2" FOAM-FRAME (T & G), POLYURETHANE F-I-P
- TOPS: 4" FOAM-FRAME (T & G), POLYURETHANE F-I-P

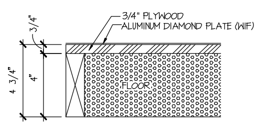
FREEZER:
- WALLS : 4" FOAM-FRAME (T & G), POLYURETHANE F-I-P
- TOPS: 4" FOAM-FRAME (T & G), POLYURETHANE F-I-P
- FLOORS: 4" FOAM-FRAME (T & G), WITH ONE(1) LAYER OF 3/4" PLYWOOD INTERIOR FLOORS

FINISH :
26GA STUCCO GALV. STEEL INTERIOR
26GA STUCCO GALV. STEEL EXTERIOR
.0625 ALUMINUM DIAMOND PLATE INTERIOR FLOORS OVER 0.032 STUCCO ALUMINUM FINISH
26GA STUCCO GALV STEEL EXTERIOR FLOORS

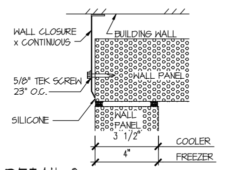
ACCESSORIES :
- 1 EA. - 36" X 78" HINGED, INFIT, 4"THICK., SELF CLOSING FREEZER DOOR WITH HEATED FRAME (3 SIDES), ADJUSTABLE HEATED SWEEP AND MAGNETIC GASKET (26GA STUCCO GALV. STEEL INT. & EXT, K-T1 W489 2-K1261, AND 1-K1094) *18 GA. GALV. JAMB (4") - NEW STYLE
- 1 EA. - 36" X 78" HINGED, INFIT, 4"THICK., SELF CLOSING COOLER DOOR WITH MAGNETIC GASKET AND ADJUSTABLE SWEEP (26GA STUCCO GALV. STEEL INT. & EXT., K-T1 W489, 2-K1261, AND 1-K1094) *18 GA. GALV. JAMB (3 1/2") - NEW STYLE
- 2 EA - 44" X 86" PLASTIC CURTAINS
- 2 EA. - 48" LED LIGHT FIXTURE SUPPLIED BY ORIGIN RETAIL (MODEL #LD-TL-B040-RX-40F) (SHIP LOOSE)
- 2 EA. - WEATHER PROOF J-BOX
- 3 EA - WIDE J-BOX
- 4 EA. - SMALL 2X4 J-BOX
- 2 EA - WIDE PVC J-BOX (FSCC#54240)
- 1 EA. - HEATED AIR VENT (#1830)
- 1 EA. - OPENING FOR PRO 3 UNIT (PTN042H6AE)
- 1 EA. - OPENING FOR PRO 3 UNIT (PTN052L6BE)
- 1 EA. - INTERIOR RAMP (29 1/2" DEEP WITH 1 3/4" EXTENDED FRONT EDGE; .125 ALUMINUM DIAMOND PLATE; .040 SMOOTH ALUMINUM)
- 2 EA. - PRE-WIRED WEISS ALARM W/4 1/2 METER PROBE

NOTE :
LAG DOWN TOP PANELS (PRE- DRILLED LAG HOLES)
PVC SCREED - COOLER
PRE-DRILLED HOLES ON FLOOR PLATING
UL STICKER (FOAM FRAME)
2-WALL CLOSE OFFS

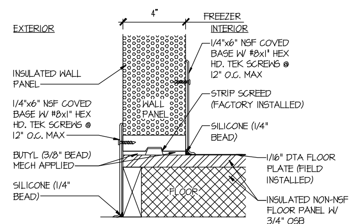




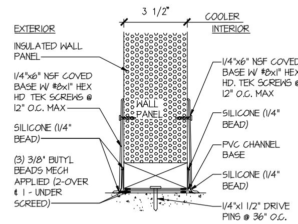
DETAIL 1
WALK-IN FREEZER/COOLER



DETAIL 2
WALK-IN FREEZER/COOLER



DETAIL 3
WALK-IN FREEZER/COOLER



DETAIL 4
WALK-IN FREEZER/COOLER

GENERAL NOTES:

1. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE
2. PENETRATIONS AND SEALING OF PENETRATIONS - ARE THE RESPONSIBILITY OTHERS.
3. PROVIDE 6" MINIMUM CLEARANCE AROUND WALK-IN WITH A MINIMUM AIR CIRCULATION OF 5 CFM FOR EVERY 100 S/F OF PANEL SURFACE.
4. PANEL LAYOUT MAY CHANGE BASED ON OPTIMAL MANUFACTURING STANDARDS.
5. WALK-IN TOP IS NOT DESIGNED FOR STORAGE UNLESS NOTED OTHERWISE - TOPS ARE DESIGNED FOR 10 PSF UNIFORMLY DISTRIBUTED.
6. QUARRY TILE OR CONCRETE FLOOR APPLICATIONS; METAL PANEL FACING MAY BE SUSCEPTIBLE TO STAINING DUE TO EXCESSIVE MOISTURE CREATED BY THE HYDRATION OF CONCRETE TYPE MATERIALS. IT IS ABSOLUTELY NECESSARY THAT EACH ROOM BE PROPERLY VENTILATED. SPECIAL PRECAUTIONS MUST ALSO BE TAKEN WHEN USING MURIATIC ACID DUE TO EFFECTS HYDROCHLORIC FUMES HAVE ON METAL MATERIALS
7. IF CONDENSING UNIT IS LOCATED IN THE INTERIOR OF BUILDING A MINIMUM OF 24" OF CLEARANCE IS REQUIRED AROUND TOP AND SIDES.
8. FLOOR, CURB, AND PIT DETAILS ARE FOR GENERAL REFERENCE ONLY. THESE DRAWINGS SHOULD NOT BE USED OR INCORPORATED IN THE DESIGN OR PREPARATION OF THE INSULATED FLOOR, SUB-SLAB OR CURBS, WITHOUT HAVING THE DESIGN REVIEWED BY A QUALIFIED ENGINEER. ALL FOOTINGS, FOUNDATION WALLS AND CONCRETE WEAR SLABS ARE THE RESPONSIBILITY OF THE BUILDING ENGINEER OR ARCHITECT.
9. THE FOAM PLASTIC USED IN THIS PRODUCT COMPLIES TO THE IBC SECTION 2603 AS FOLLOWS FLAME SPREAD RATING 15, SMOKE DEVELOPED RATING: 350
10. REFER TO INSTALLATION INSTRUCTIONS FOR ASSURING UNIT IS INSTALLED LEVEL AND PLUMB; DOOR OPENING ARE SQUARED; AND FOR LOCK-DOWN TOPS/FLOORS PANEL ASSEMBLY DIRECTIONS
11. ANY UNITS RUNNING AT 32 DEG. AND BELOW REQUIRE BUTYL AT ALL JOINTS - TOPS TO TOPS; WALLS TO WALLS; FLOORS TO FLOORS; WALLS TO TOPS; WALLS TO FLOORS - AS PANELS ARE ASSEMBLED BUTYL MUST NOT BE EXPOSED

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www.ediallighting.com

Specification

LED Vapor Tight Light

Item No. LD-TL-B024
LD TL B030
LD-TL-B040
LD-TL-B050
LD TL B060

NOTES:
1. This specification for our regular product specifications.
2. The right of final interpretation of this specification to Guangzhou LEDIA Lighting Technology Co., Ltd.

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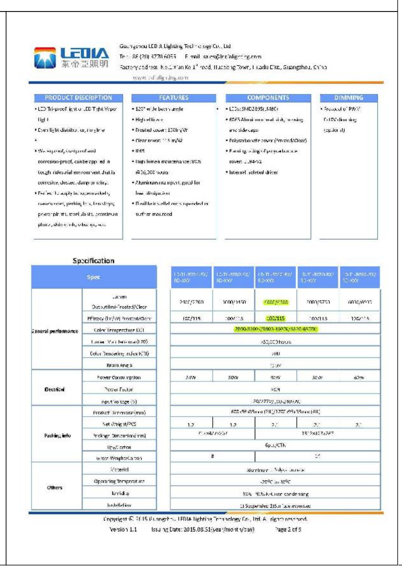

Guangzhou LEDIA Lighting Technology Co., Ltd

PRODUCT DESCRIPTION	FEATURES	COMPONENTS	DIMMING
LED Tri-proof light or LED Tight Vapor light; Even light distribution; Waterproof, dustproof and corrosion-proof; can be applied in tough industrial environment; Perfect to apply in supermarkets, warehouses, parking lots, cold storage, etc.	120° wide beam angle; High efficiency; Frosted cover; Clear cover; IP65; High lumen maintenance; 50,000 hours; Aluminium heat sink for heat dissipation; Flexible installation: suspended or surface mounted	LEDs: SMD2835 LED; 6063 Aluminium housing with end caps; Polycarbonate cover (frosted/clear); Sealing ring of polyurethane; Internal isolated driver	Provided by PWM / 0-10V dimming (optional)

Specification

Spec		LD-TL-B024	LD-TL-B030	LD-TL-B040	LD-TL-B050	LD-TL-B060
General performance	Lumen Output (lm) Frosted/Clear	2400/2760	3000/3450	4000/4600	5000/5750	6000/6900
	Efficacy (lm/W) Frosted/Clear	100/115	100/115	100/115	100/115	100/115
	Color Temperature (K)	2700-3000/3500/4000/5000/6500K				
	Lumen Maintenance (L70)	>50,000 hours				
	Color Rendering Index (CRI)	>80				
	Beam Angle	120°				
Electrical	Power Consumption	24W	30W	40W	50W	60W
	Power Factor	>0.9				
	Input Voltage (V)	100-277V, 50-60Hz				
Packing info	Product Dimension (mm)	[illegible]				
	Net Weight (KGS)	[illegible]				
	Package Dimension (mm)	[illegible]				
	Qty/Carton	[illegible]				
	Gross Weight/Carton	[illegible]				
Others	Material	Aluminium + Polycarbonate				
	Operating Temperature	-20°C to 50°C				
	Humidity	10%-90%				
	Installation	Suspended or Surface mounted				

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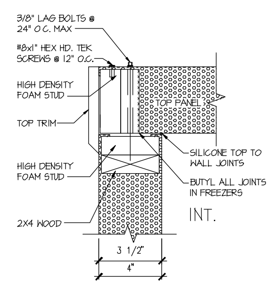
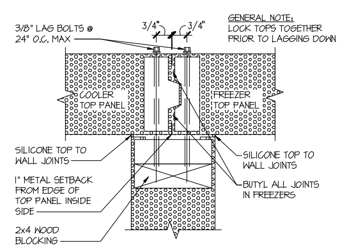
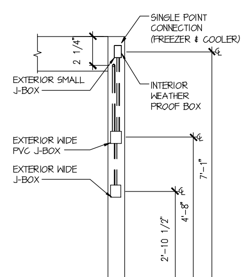


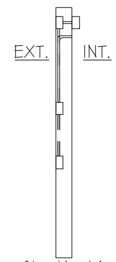
DETAIL 5
WALK-IN
FREEZER/COOLER



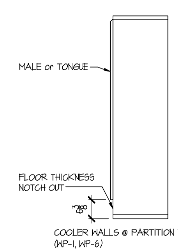
DETAIL 6
WALK-IN
FREEZER/COOLER



FRONT ELEVATION 1
WALK-IN
FREEZER/COOLER

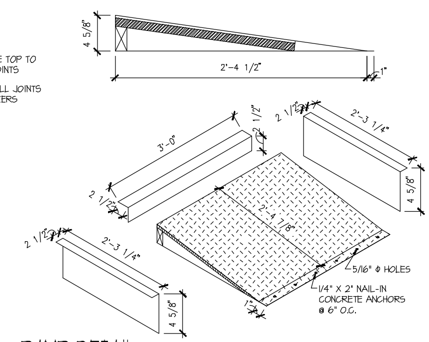


SECTION 1
WALK-IN
FREEZER/COOLER



COOLER WALLS @ PARTITION T-CORNER (WP-1, WP-6)

SECTION 2
WALK-IN
FREEZER/COOLER



RAMP DETAIL
WALK-IN FREEZER

RAMP SCHEDULE

Q	INT. / EXT.	SIZE	FINISH	RAMP FINISH	DUE	REMARK
1	INT	36" X 28 1/2" X 4 5/8"H	.050 SMOOTH ALUM.	125 ALUMINUM DIAMOND PLATE		1 - 2 X 4 ADD

GENERAL NOTES:
1. THE PROPOSED FREEZER/COOLER UNIT SIZE IS INDICATED ON FLOOR PLAN
2. ALL WALK-IN & MERCHANDISING UNITS ARE SELF CONTAINED AND DO NOT REQUIRE A FLOOR DRAIN.

[1] REFER TO SPECIFICATIONS

3. INSTALLATION OF THESE NSF, ETL & UL LISTED UNITS SHALL COMPLY WITH ALL STATE AND LOCAL CODES PER APPROVED PLANS.
4. MINIMUM DESIGN LOAD UNIFORMLY DISTRIBUTED:
   TOPS (PSF): 10
   WALLS (PSF): 5
   FLOORS (PSF) 1000
5.

FOR REFERENCE ONLY

date	09/13/17
project	51565
designed	DRB
drawn	DRB
checked	RBM

mark	date	by	description

revisions

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10671 WATSON ROAD
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PROJECT MANAGERS

PROFESSIONAL OF RECORD

FOR INFORMATION ONLY
NO SIGNATURE REQUIRED

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drawing
WALK-IN DETAILS AND SPECIFICATIONS

DS2