alphabet

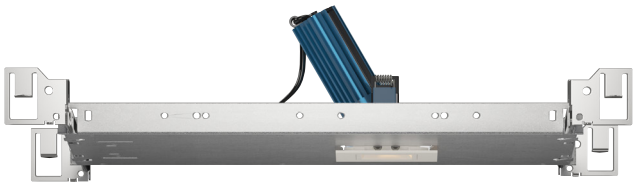
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

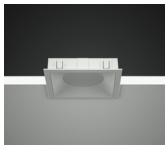
NU1

1" Square Wall Wash Tunable White

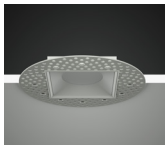
NSF AT airtight PR plenum rated wet rated

WW BEAM (Note: Specifications are subject to change without notice)			
6mm COB PERFORMANCE DATA			
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	DRIVE CURRENT	LED WATTAGE
07LM	465LM @30K/95CRI	175mA	7W
Notes	Delivered lumens based on WW optic		





Trim



Trimless



Trimless Millwork

FEATURES

- Light uniformity from ceiling line to floor with no scalloping
- 3' set back with 3' on center spacing – 18 FC average (10' AFF)
- Placement of light intensity at any desired wall location
- Wide range of spacing flexible provides ability to navigate ceiling obstructions

DIMMING AND CONTROLS

- eldoLED flicker free 0-10V dimming to 0%
- eldoLED flicker free DALI dimming to 0%
- Casambi dimming to 0%
- NLight control interface dimming to 0%
- All driver offerings are remote with above ceiling access, see page 3 for details.
- Refer to DX remote panels for additional options.

CONSTRUCTION

- High-grade die-cast and cold forged aluminum alloy assembly that has superior thermal and corrosion resistance properties.
- Shatter proof acrylic bezel lens
- Electrocoated 16-gauge cold-rolled steel construction
- Accommodates ceiling thickness from 1/8" to 1-1/2", On-field thick ceiling adjustment, see page 7
- Fixture is pre-set and shipped at 30deg tilt

LED

- Luminus tunable white COB from 2700K - 6500K: 95 CRI, R9 > 70: SDCM = 4-step MacAdam Ellipse; Lumen Maintenance: L_{70} > 54,000 hrs

LISTING

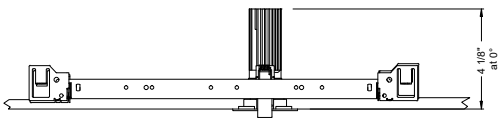
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP44 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- **Declare.** - LBC Red List Approved
- 5 Year Limited warranty

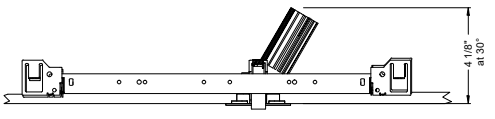
ELECTRICAL

- Low voltage luminaire: 36Vdc nominal
- 07LM - 175mA

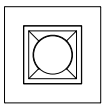
FIXTURE HEIGHT

LED LIGHT ENGINE: 07LM



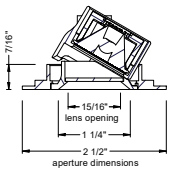


TRIMMED

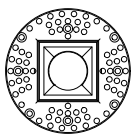


ceiling cutout
2-1/8" square

ceiling thickness
1/8" to 1-1/2"

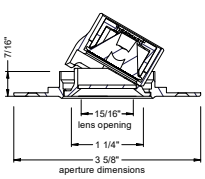


TRIMLESS



ceiling cutout
2-1/8" square

ceiling thickness
1/8" to 1-1/2"

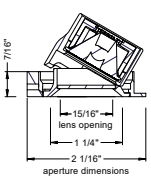


MILLWORK



ceiling cutout
2-1/8" square

ceiling thickness
1/8" to 1-1/2"



alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

ORDERING CODE

SERIES	**NU1**	NU1
TYPE	**QW**	square wall wash
	QWT	square wall wash trimless
	QWTMW	square wall wash trimless millwork
LED	**TW**	tunable white (Luminus)
DELIVERED LUMENS	**07LM**	465 lm
	Standard Configuration: 3000K 80CRI	
	Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier]	
CCT	**2765**	2700K to 6500K tunable white

CCT	2700K	3000K	3500K	4000K	5000K	5700K	6500K
CCT MULTIPLIER FOR LUMEN OUTPUT	0.91	0.98	1.00	0.99	1.00	1.01	1.02
EML RATIO	0.49	0.57	0.68	0.79	0.96	1.04	1.12

CRI	**95**	95 typical, 90 minimum
OPTIC & LM MULTIPLIER SEE PAGE 5	**WW**	wall wash with diffused angle bending lens
TRIM COLOR	**BK**	black
	WH	white
	MC	matte chrome
	BZ	bronze
	CC[1]	custom color, consult factory for details
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.	
	Not applicable to trimless option. Do not include in trimless ordering code.	

BEZEL COLOR	**BK**	black	(0.98)
	WH	white	(1.00)
	MC	matte chrome	(0.99)
	BZ	bronze	(0.98)
	CC[1]	custom color, consult factory for details	
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.		

ORDERING CODE

MOUNTING OPTIONS SEE PAGE 6, 7	**NC**	new construction plate
	IC	insulation contact housing
	ICAT	insulation contact/airtight housing
	CP	chicago plenum housing
	RET	retrofit, no ceiling plate
	remote driver housing only	
VOLTAGE	**LVL**	low voltage luminaire
DIMMING	**ND**	No Driver Included. Customer to supply PoE system components or order remote driver separately. Refer to PoE/Remote Driver reference sheet for additional details.

ADDITIONAL MOUNTING INFO

New Construction Bar Hangers (included)	Mounting Length: 14-3/4" to 26"
Extension Kit p/n: K20266 (ordered separately, 1 per fixture)	*Extends a pair of Bar Hangers* Total Mounting Length: 29" to 48"

YOUR COMPLETED ORDERING CODE

Follow the steps to specify your fixture, example:

NU1 - QW - TW - 07LM - 2765 - 95 - WW - WH - WH - NC - LVL - ND

NOTES

1. Custom set up fee plus minimum quantity required per color.

TRIM OPTIONS

TRIM/BEZEL COLORS



WH MC BK BZ

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

REMOTE DRIVER - ORDERING CODE		
SERIES	DX-C	compact driver box
NUMBER OF DRIVERS	1	number of drivers, 1
LED	TW	tunable white
CURRENT	175	175mA
VOLTAGE	UNV	120V-277V
DIMMING	DIM10Z	eldoLED flicker free 0-10V dim 0.1%
	DALIZ	eldoLED flicker free DALI-2 dim to 0.1%
	CASZ	Casambi dim to zero
	NLT	nLight control interface: Cat-5/RJ45, dim to off

YOUR COMPLETED ORDERING CODE
Follow the steps to specify your fixture, example:
DX-C - 1 - TW - 175 - UNV - DIM10Z

NOTES

1.

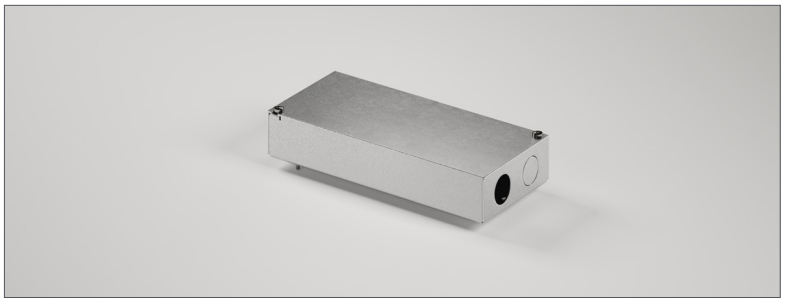
EldoLED uses logarithmic dimming curve as standard. For linear dimming curve, add "LIN" after dimming code, i.e. DIM10LIN.

WW BEAM (Note: Specifications are subject to change without notice)		
6mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
07LM	465LM @30K/95CRI	11W
Notes	Delivered lumens based on WW optic	

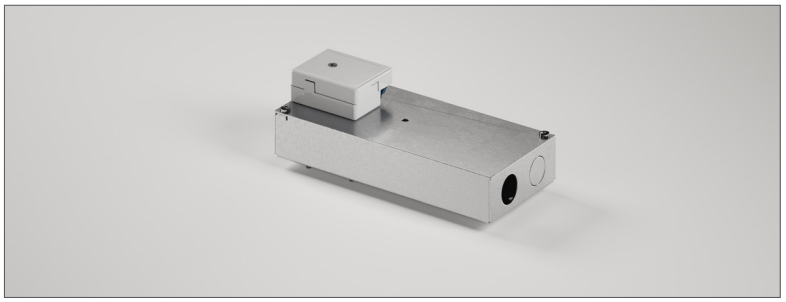
ELECTRICAL/CONTROLS

- 120V-277V
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Max. ambient installation temperature 95°F (35°C)
- Minimum wire gauge approved mounting distance 18 AWG, 330 feet
- Maximum Remote mounting distance of EM driver shall be 50 feet

REMOTE SINGLE DRIVER BOX (DIM10Z & DALIZ)



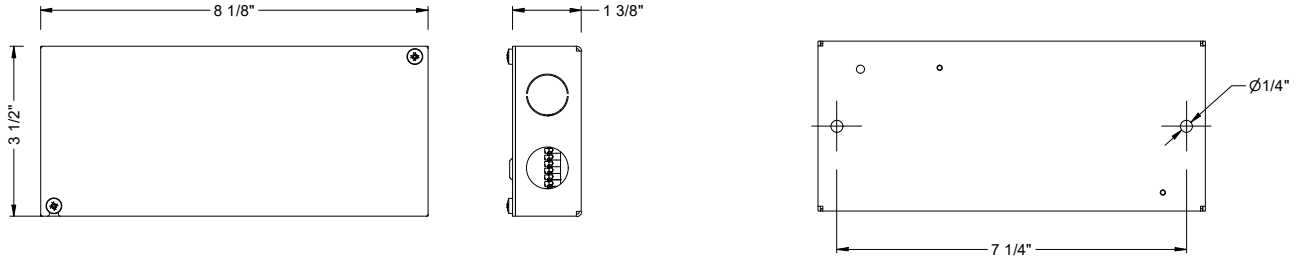
REMOTE SINGLE DRIVER BOX (NLT & CASZ)



PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

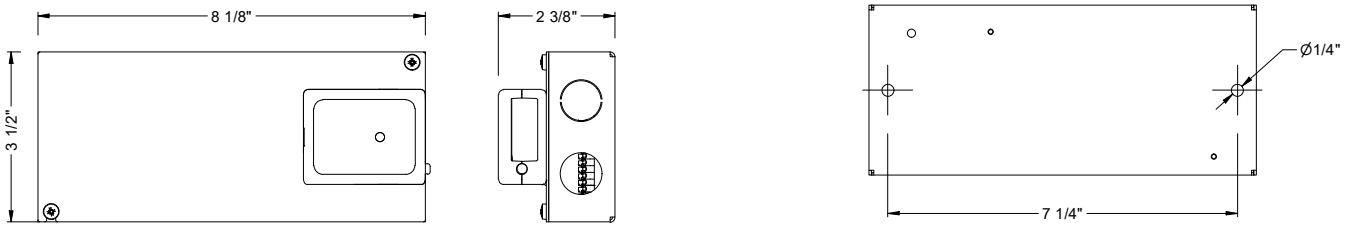
DRIVER BOXES

REMOTE SINGLE DRIVER BOX (DIM10Z & DALIZ)



Wall mount option

REMOTE SINGLE DRIVER BOX (NLT & CASZ)

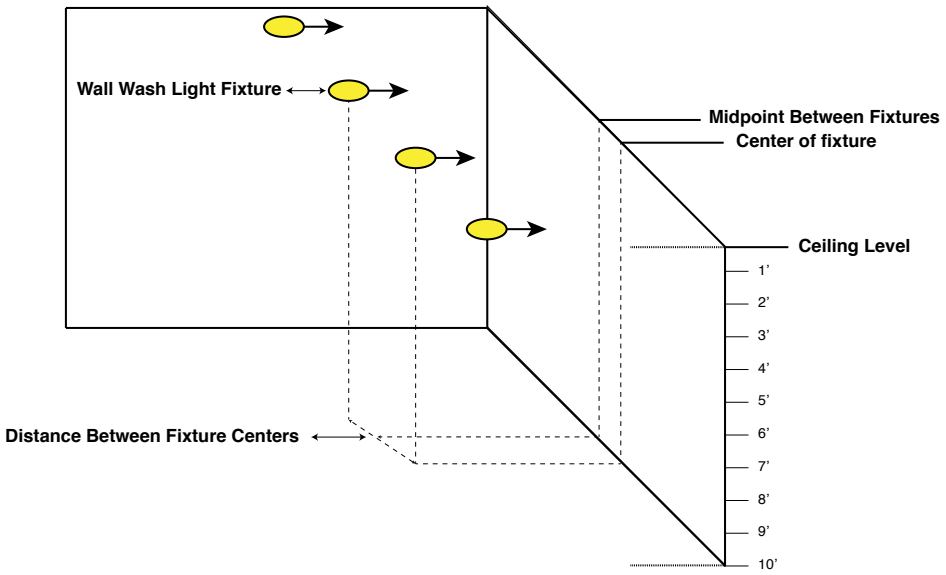


Wall mount option

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA DIAGRAM



PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT

TUNABLE WHITE 07LM 95CRI 3000K																		
MOUNTING DISTANCE	2' FROM WALL						3' FROM WALL						4' FROM WALL					
FIXTURE SPACING	2' ON CENTER		3' ON CENTER		4' ON CENTER		2' ON CENTER		3' ON CENTER		4' ON CENTER		3' ON CENTER		4' ON CENTER		6' ON CENTER	
DISTANCE FROM CEILING	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT
1'	12.8	12.4	9.7	7.1	9.1	3.8	2.8	2.8	2	1.8	1.7	1.1	0.4	0.4	0.3	0.3	0.3	0.1
2'	25.7	25.7	18.4	16.7	15.8	10.8	12.1	12.4	8.7	8.6	6.9	6.1	4.1	4.2	3.2	3.1	2.4	1.8
3'	22.3	22.7	16	15.5	13	11.1	15.5	16	11.4	11.4	8.9	8.5	7	7.1	5.5	5.5	4.1	3.3
4'	15.9	16.3	11.7	11.7	9.3	8.8	14.2	14.7	10.8	10.9	8.5	8.3	8	8.2	6.4	6.4	4.6	4.2
5'	10.9	11.2	8.3	8.4	6.5	6.5	11.5	11.8	9	9.1	7.1	7.1	7.7	7.9	6.3	6.3	4.5	4.2
6'	7.5	7.7	5.9	6	4.7	4.8	8.8	9.1	7.1	7.2	5.7	5.8	6.8	7	5.6	5.7	4	3.9
7'	5.3	5.4	4.3	4.4	3.5	3.5	6.7	6.8	5.5	5.6	4.5	4.6	5.7	5.9	4.8	4.9	3.5	3.4
8'	3.8	3.9	3.1	3.2	2.6	2.7	5	5.2	4.3	4.4	3.6	3.6	4.7	4.8	4	4.1	2.9	2.9
9'	2.8	2.8	2.4	2.4	2	2.1	3.9	3.9	3.3	3.4	2.8	2.9	3.8	3.9	3.3	3.4	2.5	2.5
10'	2.1	2.1	1.8	1.9	1.6	1.6	3	3	2.6	2.7	2.3	2.3	3.1	3.2	2.7	2.8	2.1	2.1

NOTE

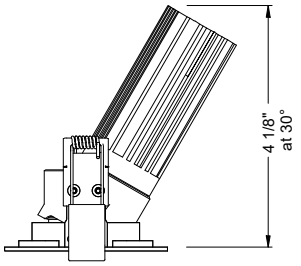
1.Performance based on typical reflectance values and room dimensions. IES files available at ledrabrands.com

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

FIXTURE HEIGHT

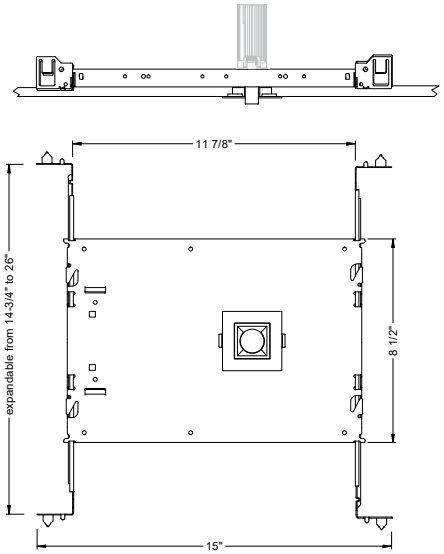
07LM



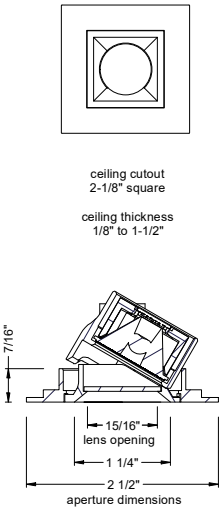
TRIMMED, TRIMLESS &
MILLWORK

NC - NEW CONSTRUCTION

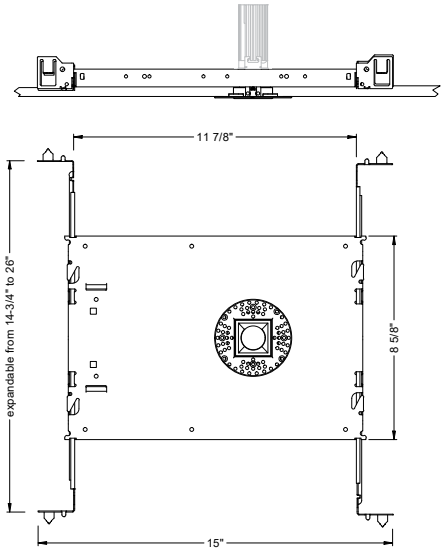
TRIM



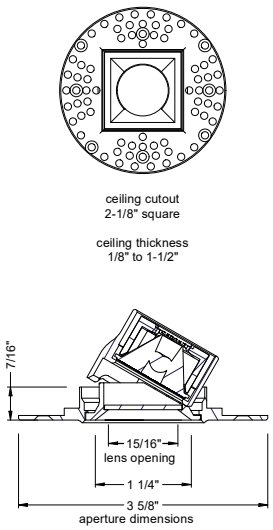
TRIM



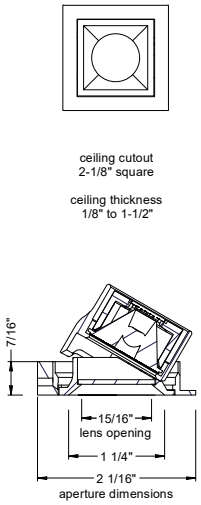
TRIMLESS



TRIMLESS



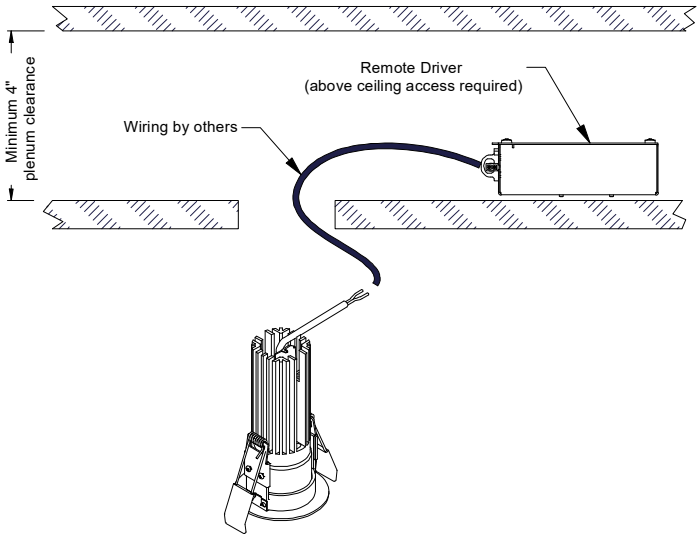
TRIMLESS/MILLWORK



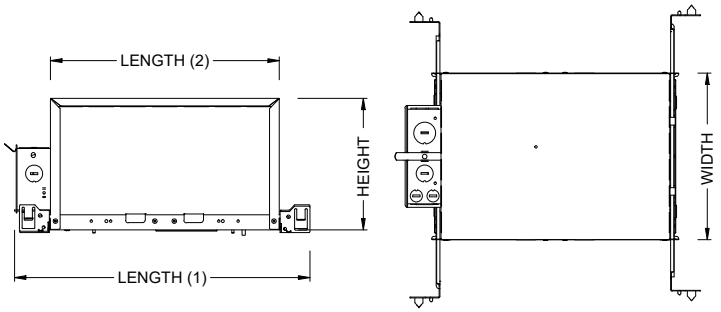
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

RET - RETRO
TRIM/TRIMLESS



IC - INSULATION CONTACT HOUSING
ICAT - INSULATION CONTACT / AIR TIGHT
CP - CHICAGO PLENUM

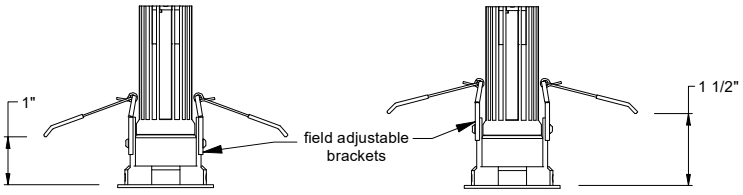


BOX SIZE	L 1	L 2	W	H
A	15 - 7/16"	11 - 3/4"	8 - 1/2"	6 - 3/4"

RATINGS / CERTIFICATIONS	NC	RET	IC	ICAT	CP
TYPE NON-IC	✔	✔			
TYPE IC			✔	✔	✔
CHICAGO PLENUM (CCEA)					✔
SUITABLE FOR AIR HANDLING PLENUMS				✔	✔
REDUCED AIRFLOW ASTM E283				✔	✔

BOX TYPE / LUMEN OUTPUT - STANDARD BEAMS			
LUMEN OUTPUT	BOX - A		
	CP	IC	ICAT
07LM	✔	✔	✔

CEILING THICKNESS			
FIXTURE TYPE	MOUNTING TYPE		
	NC, IC, ICAT, CP, RET	NC, IC, ICAT, CP, RET	NC, IC, ICAT, CP, RET
	STANDARD CEILING THICKNESS	THICK CEILING THICKNESS	CEILING CUTOUT
TRIM	1/8" to 1.0"	1.0" to 1 1/2"	2-1/8" square
TRIMLESS	1/8" to 1.0"	1.0" to 1 1/2"	2-1/8" square
MILLWORK (TRIMLESS)	1/8" to 1.0"	1.0" to 1 1/2"	2-1/8" square



1/8" to 1" thick ceiling

1" to 1-1/2" thick ceiling

FIXTURE TILT INFO	
TILT	CEILING THICKNESS
0° TO 30°	1/8" to 1.0"
0° TO 20°	1.0" to 1 1/2"

In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.