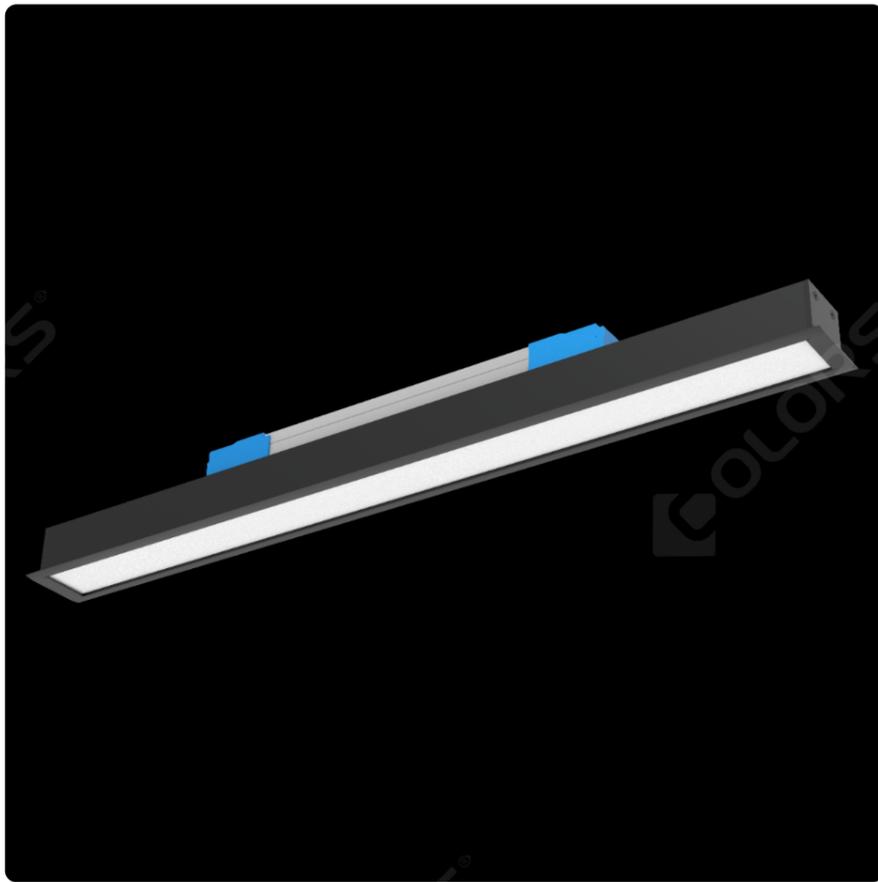


LINE40 Recessed

# LE40FD





# LE40FD

## Basic Parameters

Application	Indoor
Material	AL6063-T5,spraying surface
IP Grade	IP20
Warranty	5 years (emergency model: 3 years)
Operating Temperature	-20°C-40°C

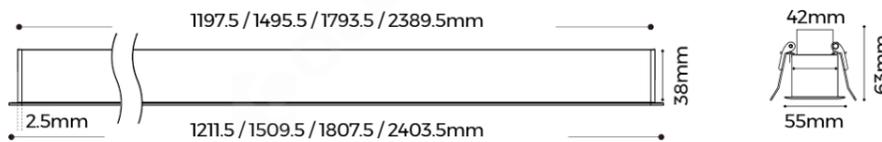
## Electrical Parameters

Input Voltage	AC200-240V
Power Efficiency	0.88
PF	0.9
Equipment Protection Class	IP20
Control	Non-Dimming,1-10V Dimming,DALI Dimming
Emergency Duration	≥3 hours
Luminaire Lifespan	50000H

## Optical Parameters

Version	Normal,High efficiency,3 CCT tunable (Dial switch),Emergency
LED Chip	2835
SDCM	≤3 Step(ANSI)
UGR(X=4H,Y=8H)	/
Length	1200mm,1500mm,1800mm,2400mm
CRI	>80,>90
CCT	2700K,3000K,3500K,4000K,5000K,6500K,3000K-6500K
Luminous Efficacy	100LM/W(CCT tunable)、110LM/W(Normal/Emergency)、140LM/W(High efficiency)

## Dimensions



## Luminaire Parameters

Version	Length(mm)	Power(W)	PCB Current(A)	CRI	CCT	Lumens(LM) @White, Sliver	Lumens(LM) @Black
Normal	1200mm	34W	0.9	>80	4000K	3740	3179
Normal	1500mm	46W	1.2	>80	4000K	5060	4301
Normal	1800mm	51W	1.3	>80	4000K	5610	4768
Normal	2400mm	68W	1.8	>80	4000K	7480	6358
Normal	1200mm	34W	0.9	>90	4000K	3216	2733
Normal	1500mm	46W	1.2	>90	4000K	4351	3698
Normal	1800mm	51W	1.3	>90	4000K	4824	4100
Normal	2400mm	68W	1.8	>90	4000K	6432	5467
High efficiency	1200mm	28W	0.75	>80	4000K	3920	3332
High efficiency	1500mm	35W	1	>80	4000K	4900	4165
High efficiency	1800mm	42W	1.15	>80	4000K	5880	4998
High efficiency	2400mm	56W	1.5	>80	4000K	7840	6664
High efficiency	1200mm	28W	0.75	>90	4000K	3584	3046
High efficiency	1500mm	35W	1	>90	4000K	4480	3808
High efficiency	1800mm	42W	1.15	>90	4000K	5376	4569
High efficiency	2400mm	56W	1.5	>90	4000K	7168	6092
3 CCT tunable(Dial switch)	1200mm	34W	0.9	>80	3000K-6500K	3196/3502/3298	2716/2976/2803

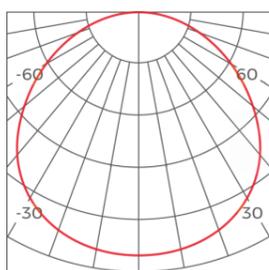
3 CCT tunable(Dial switch)	1500mm	46W	12	>80	3000K-6500K	4324/4738/4462	3675/4027/3792
3 CCT tunable(Dial switch)	1800mm	51W	13	>80	3000K-6500K	4794/5253/4947	4074/4465/4204
3 CCT tunable(Dial switch)	2400mm	68W	18	>80	3000K-6500K	6392/7004/6596	5433/5953/5606
3 CCT tunable(Dial switch)	1200mm	34W	0.9	>90	3000K-6500K	2720/2992/2822	2312/2543/2398
3 CCT tunable(Dial switch)	1500mm	46W	12	>90	3000K-6500K	3680/4048/3818	3128/3440/3245
3 CCT tunable(Dial switch)	1800mm	51W	13	>90	3000K-6500K	4080/4488/4233	3468/3814/3598
3 CCT tunable(Dial switch)	2400mm	68W	18	>90	3000K-6500K	5440/5984/5644	4624/5086/4797
Emergency	1200mm	34W	0.9	>80	4000K	3740	3179
Emergency	1200mm	34W	0.9	>90	4000K	3216	2733
Normal	1200mm	34W	0.9	>80	2700K	3179	2702
Normal	1500mm	46W	12	>80	2700K	4301	3655
Normal	1800mm	51W	13	>80	2700K	4768	4053
Normal	2400mm	68W	18	>80	2700K	6358	5404
Normal	1200mm	34W	0.9	>90	2700K	2733	2323
Normal	1500mm	46W	12	>90	2700K	3698	3144
Normal	1800mm	51W	13	>90	2700K	4100	3485
Normal	2400mm	68W	18	>90	2700K	5467	4647
High efficiency	1200mm	28W	0.75	>80	2700K	3724	3165
High efficiency	1500mm	35W	1	>80	2700K	4655	3956
High efficiency	1800mm	42W	1.15	>80	2700K	5586	4748
High efficiency	2400mm	56W	1.5	>80	2700K	7448	6330
High efficiency	1200mm	28W	0.75	>90	2700K	3449	2932
High efficiency	1500mm	35W	1	>90	2700K	4312	3665
High efficiency	1800mm	42W	1.15	>90	2700K	5174	4398
High efficiency	2400mm	56W	1.5	>90	2700K	6899	5864
Emergency	1200mm	34W	0.9	>80	2700K	3179	2702
Emergency	1200mm	34W	0.9	>90	2700K	2733	2323
Normal	1200mm	34W	0.9	>80	3000K	3366	2861
Normal	1500mm	46W	12	>80	3000K	4554	3870
Normal	1800mm	51W	13	>80	3000K	5049	4291
Normal	2400mm	68W	18	>80	3000K	6732	5722
Normal	1200mm	34W	0.9	>90	3000K	2917	2479
Normal	1500mm	46W	12	>90	3000K	3946	3354
Normal	1800mm	51W	13	>90	3000K	4375	3719
Normal	2400mm	68W	18	>90	3000K	5834	4959
High efficiency	1200mm	28W	0.75	>80	3000K	3920	3332
High efficiency	1500mm	35W	1	>80	3000K	4900	4165
High efficiency	1800mm	42W	1.15	>80	3000K	5880	4998
High efficiency	2400mm	56W	1.5	>80	3000K	7840	6664
High efficiency	1200mm	28W	0.75	>90	3000K	3584	3046
High efficiency	1500mm	35W	1	>90	3000K	4480	3808
High efficiency	1800mm	42W	1.15	>90	3000K	5376	4569
High efficiency	2400mm	56W	1.5	>90	3000K	7168	6092
Emergency	1200mm	34W	0.9	>80	3000K	3366	2861
Emergency	1200mm	34W	0.9	>90	3000K	2917	2479
Normal	1200mm	34W	0.9	>80	3500K	3627	3083
Normal	1500mm	46W	12	>80	3500K	4908	4171
Normal	1800mm	51W	13	>80	3500K	5441	4625

Normal	2400mm	68W	1.8	>80	3500K	7255	6167
Normal	1200mm	34W	0.9	>90	3500K	3104	2638
Normal	1500mm	46W	1.2	>90	3500K	4199	3569
Normal	1800mm	51W	1.3	>90	3500K	4656	3957
Normal	2400mm	68W	1.8	>90	3500K	6208	5277
Emergency	1200mm	34W	0.9	>80	3500K	3627	3083
Emergency	1200mm	34W	0.9	>90	3500K	3104	2638
Normal	1200mm	34W	0.9	>80	5000K	3740	3179
Normal	1500mm	46W	1.2	>80	5000K	5060	4301
Normal	1800mm	51W	1.3	>80	5000K	5610	4768
Normal	2400mm	68W	1.8	>80	5000K	7480	6358
Normal	1200mm	34W	0.9	>90	5000K	3216	2733
Normal	1500mm	46W	1.2	>90	5000K	4351	3698
Normal	1800mm	51W	1.3	>90	5000K	4824	4100
Normal	2400mm	68W	1.8	>90	5000K	6432	5467
Emergency	1200mm	34W	0.9	>80	5000K	3740	3179
Emergency	1200mm	34W	0.9	>90	5000K	3216	2733
Normal	1200mm	34W	0.9	>80	6500K	3740	3179
Normal	1500mm	46W	1.2	>80	6500K	5060	4301
Normal	1800mm	51W	1.3	>80	6500K	5610	4768
Normal	2400mm	68W	1.8	>80	6500K	7480	6358
Normal	1200mm	34W	0.9	>90	6500K	3216	2733
Normal	1500mm	46W	1.2	>90	6500K	4351	3698
Normal	1800mm	51W	1.3	>90	6500K	4824	4100
Normal	2400mm	68W	1.8	>90	6500K	6432	5467
High efficiency	1200mm	28W	0.75	>80	6500K	3920	3332
High efficiency	1500mm	35W	1	>80	6500K	4900	4165
High efficiency	1800mm	42W	1.15	>80	6500K	5880	4998
High efficiency	2400mm	56W	1.5	>80	6500K	7840	6664
High efficiency	1200mm	28W	0.75	>90	6500K	3584	3046
High efficiency	1500mm	35W	1	>90	6500K	4480	3808
High efficiency	1800mm	42W	1.15	>90	6500K	5376	4569
High efficiency	2400mm	56W	1.5	>90	6500K	7168	6092
Emergency	1200mm	34W	0.9	>80	6500K	3740	3179
Emergency	1200mm	34W	0.9	>90	6500K	3216	2733

1. The output data is based on the testing result of Ra80,4000k,white coated luminaires;
2. The tolerance of output data can be vary up to 10%;
3. The output data is typical value;

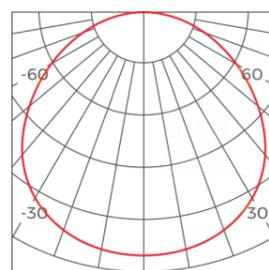
## Light Distribution

Normal-110°



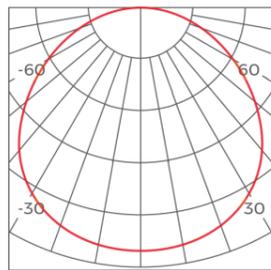
h(m)	D(cm)	E(lx)
1	287	1380
2	574	345
3	861	153
4	1148	86

High efficiency-110°



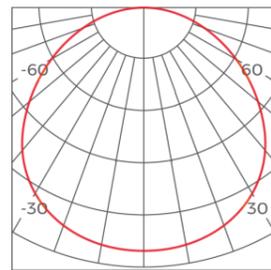
h(m)	D(cm)	E(lx)
1	279	1311
2	559	327
3	839	145
4	1119	81

Emergency-110°



h(m)	D(cm)	E(lx)
1	287	1380
2	574	345
3	861	153
4	1148	86

3 CCT tunable(Dial switch)-110°



h(m)	D(cm)	E(lx)
1	287	1207
2	574	301
3	863	134
4	1150	75

Common Accessories

**Standard Corner**



**L120-LE40**  
Applicable product model: LE40 Installation method: L-shaped 120° splicing Material process: Al6063-T5/spraying Diffuser Nature:Diffuser Light source: NO Size: L200\*W200.7\*H40.0mm [Inch size:L7.87\*\*W7.90\*\*H1.57"] Others:Including 4pcs 180° sliver straight splicing bar, 12pcs M5X4 headless hex socket screws, 1pc 2.5 Allen key(15mm)



**L60-LE40**  
Applicable product model: LE40 Installation method: L-shaped 60° splicing Material process: Al6063-T5/spraying Diffuser Nature:Diffuser Light source: NO Size: L200\*W173.2\*H40.0mm [Inch size:L7.87\*\*W6.82\*\*H1.57"] Others:Including 4pcs 180° sliver straight splicing bar, 12pcs M5X4 headless hex socket screws, 1pc 2.5 Allen key(15mm)



**L90-LE40**  
Applicable product model: LE40 Installation method: L-shaped 90° splicing Material process: Al6063-T5/spraying Diffuser Nature:Diffuser Light source: NO Size: L200\*W200\*H40.0mm [Inch size:L7.87\*\*W7.87\*\*H1.57"] Others:Including 4pcs 180° sliver straight splicing bar, 12pcs M5X4 headless hex socket screws, 1pc 2.5 Allen key(15mm)



**X90-LE40**  
Applicable product model: LE40 Installation method: X-shaped 90° splicing Material process: Al6063-T5/spraying Diffuser Nature:Diffuser Light source: NO Size: L400\*W400\*H40.0mm [Inch size:L15.75\*\*W15.75\*\*H1.57"] Others:Including 4pcs 180° sliver straight splicing bar, 12pcs M5X4 headless hex socket screws, 1pc 2.5 Allen key(15mm)



**Y120-LE40**  
Applicable product model: LE40 Installation method: Y-shaped 120° splicing Material process: Al6063-T5/spraying Diffuser Nature:Diffuser Light source: NO Size: L373.9\*W323.8\*H40.0mm [Inch size:L14.72\*\*W12.75\*\*H1.57"] Others:Including 4pcs 180° sliver straight splicing bar, 12pcs M5X4 headless hex socket screws, 1pc 2.5 Allen key(15mm)

**Splicing accessory**



**EX-EI**  
Applicable product model:LG7043/LR3735/LR3840(A)/LR3840(B)/LR3924/LR3943/LS1911C/LS1911K/SK10032/SK6013(A)/SK6013(B)/LE5535/LE6935(F)/LE9435/LR5535(A)/LR5535(B)/LS3360/LS4067/LS5470(F)/LS7977/M20FD/M20G(A)/M20G/M20I/M20S/R25FD/R25FP/R25G/R25KD/R25L/R35I/R35S/RN R30MJ/RNR30NJ/RNR30NK  
Material process: SPCC/ spray paint  
Size: 80\*10\*2mm  
Quantity: 10 PCS/ set  
Other:180° straight splicing bar, include 20pcs M5X4 headless hex socket screws, 20pcs M5X4 flat head hex socket screws, 1pc 2.5 Allen key(15mm), 1pc 2.5 Allen key(20mm)

Packing

Size (mm/box)	Quantity /box	QTY/CTN	NW (kg/box)	N. WT (ctn)	G.WT (ctn)	Size (cm/carton)	Product Size (mm)
1252*75*67.5	1	4	1.5	6	7.26	127.2*17*15.5	1200
1550*75*67.5	1	4	1.8	7.2	8.71	157*17*15.5	1500
1848*75*67.5	1	4	2.1	8.4	10.16	186.8*17*15.5	1800
2444*75*67.5	1	4	2.7	10.8	13.07	246.4*17*15.5	2400

Attentions

1. Non-professionals are prohibited from installing, disassembling and repairing the product.
2. Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
3. Please use professional cutting tools when cutting.
4. Do not use any acid or alkaline adhesive to fix products.
5. The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.
6. PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use.