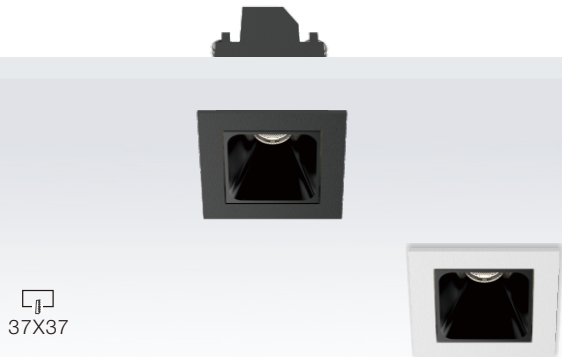




Quickinfo

GENERAL

recessed

fixed

square

LED

SMD LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination

beam angle 24°, 40°

PHYSICAL

aluminium

wet painting

secondary reflector plastic

Function

- Ultra miniature recessed LED downlight
- Perfect combination of lens & reflector
- Superior glare control

Order options

SYSTEM POWER

3W

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOR RENDERING INDEX

CRI 80

CRI 90

ELECTRICAL

non DIM

phase DIM

1-10V

LENS

24°Beam

40°Beam

COLOUR

Black

White

SECONDARY REFLECTOR

Matt

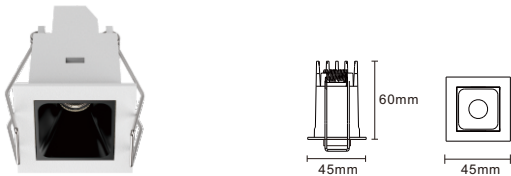
White

Gold

Black

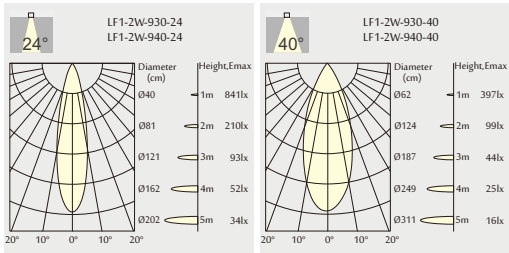
LF1

3000K
(Standard)



Light distribution for 3000K

2W 150lm-160lm



Order Information

LF1-2W 150-160 Lm MODELS (OSRAM LED)									
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
LF1-2W-930-24	210 lm	150 lm	3 V	700 mA	2W	3W	90	3000K	24°
LF1-2W-940-24	230 lm	160 lm	3 V	700 mA	2W	3W	90	4000K	24°
LF1-2W-930-40	210 lm	150 lm	3 V	700 mA	2W	3W	90	3000K	40°
LF1-2W-940-40	230 lm	160 lm	3 V	700 mA	2W	3W	90	4000K	40°

Remark: X= F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



Quickinfo

GENERAL

recessed

fixed

square

LED

SMD LED module

2700K, 3000K, 4000K

CRI > 80, CRI > 90

Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination

beam angle 24°, 40°

PHYSICAL

aluminium

wet painting

secondary reflector plastic

Function

- Ultra miniature recessed LED downlight
- Perfect combination of lens & reflector
- Superior glare control

Order options

SYSTEM POWER

6W

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOR RENDERING INDEX

CRI 80

CRI 90

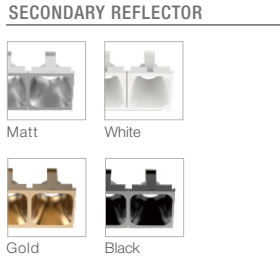
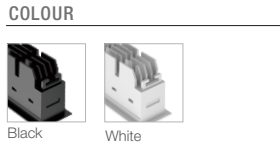
ELECTRICAL

non DIM

phase DIM

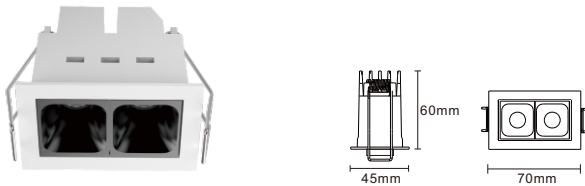
1-10V

DALI



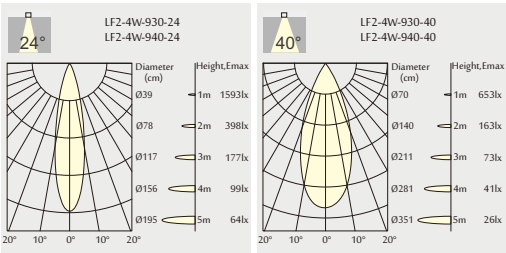
LF2

3000K
(Standard)



Light distribution for 3000K

4W 300lm-320lm



Order Information

LF2-4W 300-320 Lm MODELS (OSRAM LED)										
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM	
LF2-4W-930-24	380 lm	300 lm	6.5 V	700 mA	4W	6W	90	3000K	24°	
LF2-4W-940-24	400 lm	320 lm	6.5 V	700 mA	4W	6W	90	4000K	24°	
LF2-4W-930-40	380 lm	300 lm	6.5 V	700 mA	4W	6W	90	3000K	40°	
LF2-4W-940-40	400 lm	320 lm	6.5 V	700 mA	4W	6W	90	4000K	40°	
Remark: X= F (ON-OFF) X= P (Phase Dim) X= A (1-10V Dim) X= D (DALI Dim) X= N (Without Driver)										



Quickinfo

GENERAL
recessed
fixed
square
LED
SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam
ESTIMATED LED LIFETIME
L80 / 50.000h
OPTICAL
direct illumination
beam angle 24°, 40°
PHYSICAL
aluminium
wet painting
secondary reflector plastic

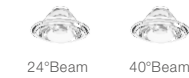
Function

- Ultra miniature recessed LED downlight
- Perfect combination of lens & reflector
- Superior glare control

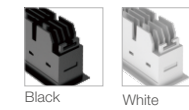
Order options

SYSTEM POWER
9W
COLOUR TEMPERATURE
2700K
3000K
4000K
COLOR RENDERING INDEX
CRI 80
CRI 90
ELECTRICAL
non DIM
phase DIM
1-10V
DALI

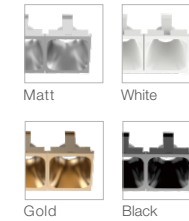
LENS



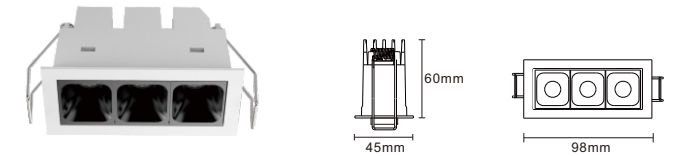
COLOUR



SECONDARY REFLECTOR

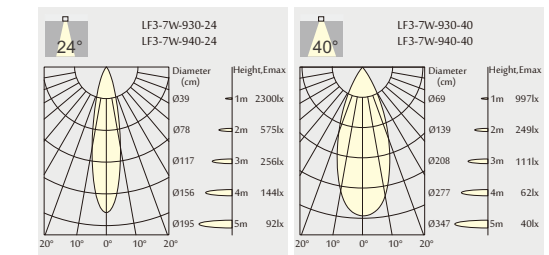


LF3



Light distribution for 3000K

7W 500lm-550lm



Order Information

LF3-7W 500-550 Lm MODELS (OSRAM LED)									
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
LF3-7W-930-24	650 lm	500 lm	10 V	700 mA	7W	9W	90	3000K	24°
LF3-7W-940-24	700 lm	550 lm	10 V	700 mA	7W	9W	90	4000K	24°
LF3-7W-930-40	650 lm	500 lm	10 V	700 mA	7W	9W	90	3000K	40°
LF3-7W-940-40	700 lm	550 lm	10 V	700 mA	7W	9W	90	4000K	40°
Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)									



Quickinfo

- GENERAL
- recessed
- fixed
- square
- trimless
- LED
- SMD LED module
- 2700K, 3000K, 4000K
- CRI > 80, CRI > 90
- Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination

beam angle 24°, 40°

PHYSICAL

aluminium

wet painting

secondary reflector plastic

Function

- Ultra miniature recessed LED downlight
- Perfect combination of lens & reflector
- Superior glare control
- Trimless available

Order options

SYSTEM POWER

13W

COLOUR TEMPERATURE

2700K

3000K

4000K

COLOR RENDERING INDEX

CRI 80

CRI 90

ELECTRICAL

non DIM

phase DIM

1-10V

DALI

LENS

 24°Beam

 40°Beam

COLOUR

 Black

 White

SECONDARY REFLECTOR

 Matt

 White

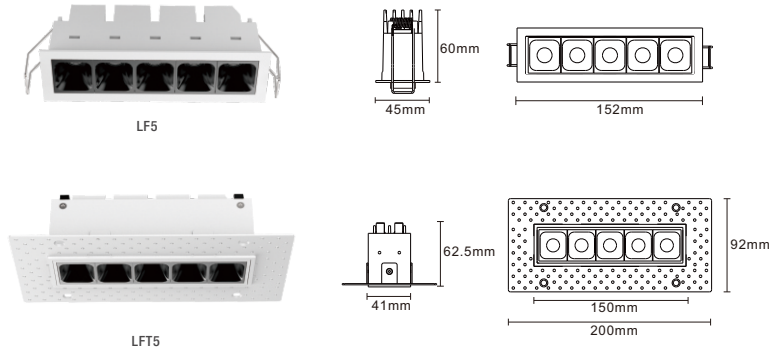
 Gold

 Black

LF5/LFT5

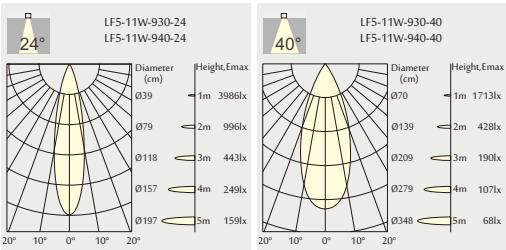
 3000K

(Standard)



Light distribution for 3000K

11W 800lm-850lm



Order Information

LF5-11W 800-850 Lm MODELS (OSRAM LED)										
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM	
LF5-11W-930-24	1050 lm	800 lm	15 V	700 mA	11W	13W	90	3000K	24°	
LF5-11W-940-24	1100 lm	850 lm	15 V	700 mA	11W	13W	90	4000K	24°	
LF5-11W-930-40	1050 lm	800 lm	15 V	700 mA	11W	13W	90	3000K	40°	
LF5-11W-940-40	1100 lm	850 lm	15 V	700 mA	11W	13W	90	4000K	40°	

Remark: X= F (ON-OFF) X= P (Phase Dim) X= A (1-10V Dim) X= D (DALI Dim) X= N (Without Driver)

Order Information

LFT5-11W 800-850 Lm MODELS (OSRAM LED)										
Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM	
LFT5-11W-930-24	1050 lm	800 lm	15 V	700 mA	11W	13W	90	3000K	24°	
LFT5-11W-940-24	1100 lm	850 lm	15 V	700 mA	11W	13W	90	4000K	24°	
LFT5-11W-930-40	1050 lm	800 lm	15 V	700 mA	11W	13W	90	3000K	40°	
LFT5-11W-940-40	1100 lm	850 lm	15 V	700 mA	11W	13W	90	4000K	40°	

Remark: X= F (ON-OFF) X= P (Phase Dim) X= A (1-10V Dim) X= D (DALI Dim) X= N (Without Driver)

UGR
< 19

LF10

282X37

LFT10

292X47

**Quickinfo****GENERAL**

recessed
fixed
square
trimless

LED

SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 24°, 40°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

- Ultra miniature recessed LED downlight
- Perfect combination of lens & reflector
- Superior glare control
- Trimless available

Order options**SYSTEM POWER**

24W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

LENS

24° Beam



40° Beam

COLOUR

Black



White

SECONDARY REFLECTOR

Matt



White



Gold



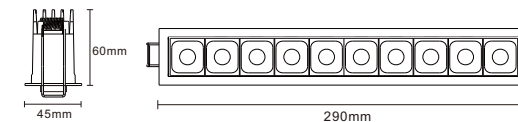
Black

LF10/LFT10

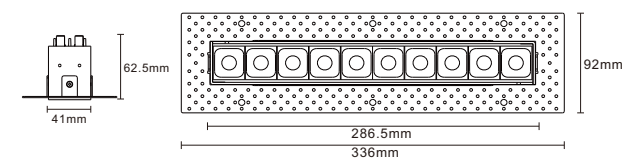
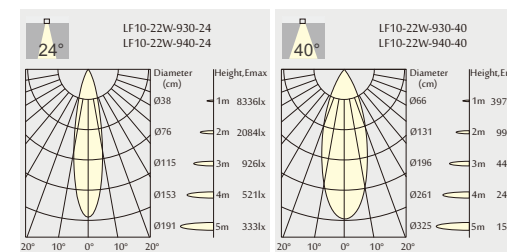
3000K
(Standard)



LF10



LFT10

**Light distribution for 3000K****22W 1600lm-1700lm****Order Information****LF10-22W 1600-1700 Lm MODELS (OSRAM LED)**

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
LF10-22W-930-24	2100 lm	1600 lm	30 V	700 mA	22W	24W	90	3000K	24°
LF10-22W-940-24	2200 lm	1700 lm	30 V	700 mA	22W	24W	90	4000K	24°
LF10-22W-930-40	2100 lm	1600 lm	30 V	700 mA	22W	24W	90	3000K	40°
LF10-22W-940-40	2200 lm	1700 lm	30 V	700 mA	22W	24W	90	4000K	40°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)

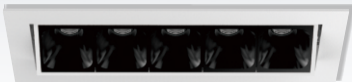
LFT10-22W 1600-1700 Lm MODELS (OSRAM LED)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
LFT10-22W-930-24	2100 lm	1600 lm	30 V	700 mA	22W	24W	90	3000K	24°
LFT10-22W-940-24	2200 lm	1700 lm	30 V	700 mA	22W	24W	90	4000K	24°
LFT10-22W-930-40	2100 lm	1600 lm	30 V	700 mA	22W	24W	90	3000K	40°
LFT10-22W-940-40	2200 lm	1700 lm	30 V	700 mA	22W	24W	90	4000K	40°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)



160X52



Quickinfo

GENERAL

recessed
adjustable
square

LED

SMD LED module
2700K, 3000K, 4000K
CRI > 80, CRI > 90
Bining < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000h

OPTICAL

direct illumination
beam angle 24°, 40°

PHYSICAL

aluminium
wet painting
secondary reflector plastic

Function

- Adjustable LED downlight
- Perfect combination of lens & reflector
- Superior glare control

Order options

SYSTEM POWER

13W

COLOUR TEMPERATURE

2700K
3000K
4000K

COLOR RENDERING INDEX

CRI 80
CRI 90

ELECTRICAL

non DIM
phase DIM
1-10V
DALI

LENS



24°Beam



40°Beam

COLOUR



Black



White

SECONDARY REFLECTOR



Matt



White



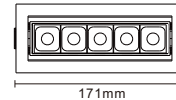
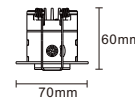
Gold



Black

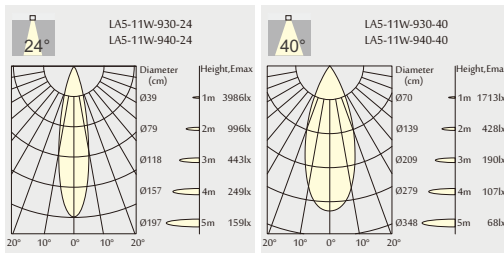
LA5

3000K
(Standard)



Light distribution for 3000K

11W 800lm-850lm



Order Information

LA5-11W 800-850 Lm MODELS (OSRAM LED)

Code	LED output	Module output	LED Voltage	LED Current	LED Power	System Power	CRI	CCT	BEAM
LA5-11W-930-24	1050 lm	800 lm	15 V	700 mA	11W	13W	90	3000K	24°
LA5-11W-940-24	1100 lm	850 lm	15 V	700 mA	11W	13W	90	4000K	24°
LA5-11W-930-40	1050 lm	800 lm	15 V	700 mA	11W	13W	90	3000K	40°
LA5-11W-940-40	1100 lm	850 lm	15 V	700 mA	11W	13W	90	4000K	40°

Remark: X=F (ON-OFF) X=P (Phase Dim) X=A (1-10V Dim) X=D (DALI Dim) X=N (Without Driver)