

Linear

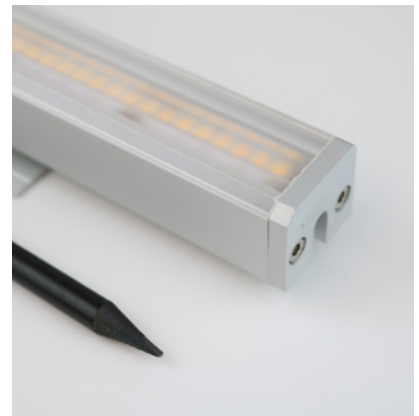
# TIA 26 Asymmetric A030 (30W) Fixture Guide

# KKDÖ

Indoor | Surface | High output up to 3630lm/m (1106lm/ft)



121lm/W

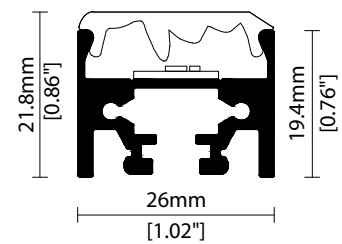


## Key applications

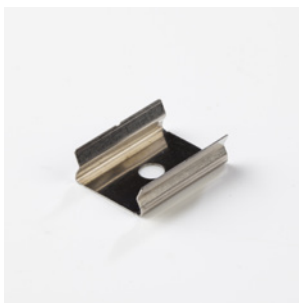
- ✓ Ceiling
- ✓ Cove lighting
- ✓ Downlighting
- ✓ Interior
- ✓ Retail display
- ✓ Shelving display
- ✓ Wall grazing
- ✓ Wallwashing

## Key features

- ✓ A-line
- ✓ Adjustable
- ✓ Asymmetric lens
- ✓ High lumen efficacy
- ✓ IP40
- ✓ Output high



## MOUNTING METHODS



KKCP-11 Concealed clip



KKBK-25 Adjustable bracket

Linear

# TIA 26 Asymmetric A030 (30W)

## Specification sheet



<b>Dimension</b>	H21.8/W26/L96-1019mm (H0.9/W1.02/L3.8-40.1in)	
<b>PCB increment</b>	38.46mm increment/1000mm max (1.51in increment/39.37in max)	
<b>LED pitch</b>	4.8mm - 208LED/m (0.19in - 64LED/ft)	
<b>Chip</b>	<b>A-line</b>	
<b>Beam angle</b>	Asymmetric	
<b>Colours</b>	<b>A-line</b> 2700K/3000K/4000K	
<b>Bin/Step</b>	<b>A-line</b> 3-step MacAdam ellipse	
<b>CRI</b>	94	
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)	
<b>Operating temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> max = 76.1°C) T <sub>a</sub> = -13 to 104°F (T <sub>c</sub> max = 169°F)	
<b>IP rating</b>	IP40	
<b>Finish</b>	Silver anodised	
<b>Cover/lens</b>	Asymmetric lens	
<b>Mounting</b>	Surface mounting via concealed clips or brackets	
<b>Power feed</b>	Non Sheathed tail	
<b>Control</b>	0-10V/1-10V/DMX/DALI	



### LED Grading Key

<b>Exclusive Grade</b>	*KKDC tuned CCT range
<b>A-line*</b>	CCT range
3-step CCT range	
KKDC highest lumen efficacy LED	

### PERFORMANCE DATA @ 3000K

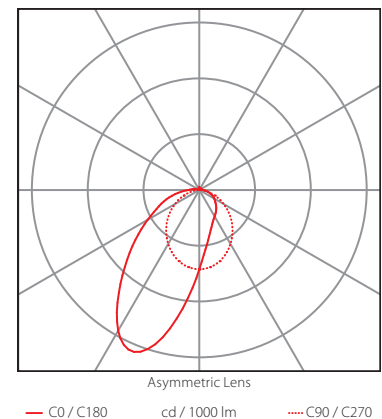
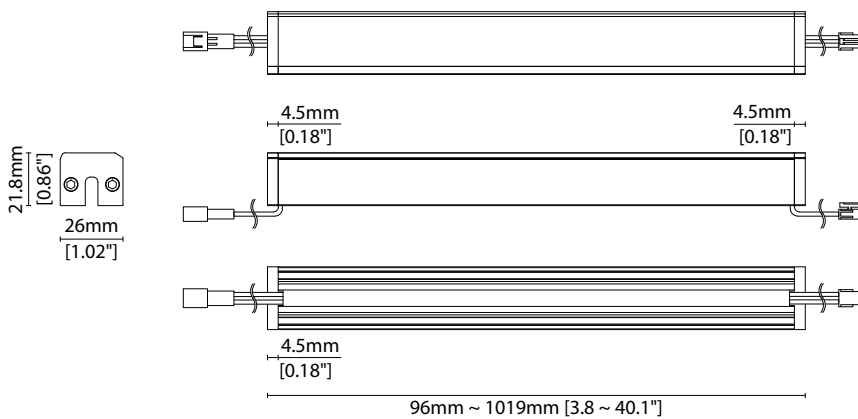
<b>Power consumption</b>	<b>Supply voltage</b>	<b>Supply current</b>
30W/m (9.14W/ft)	24V DC	1.25A/m (0.381A/ft)

### Colour Rendering Index (CRI)

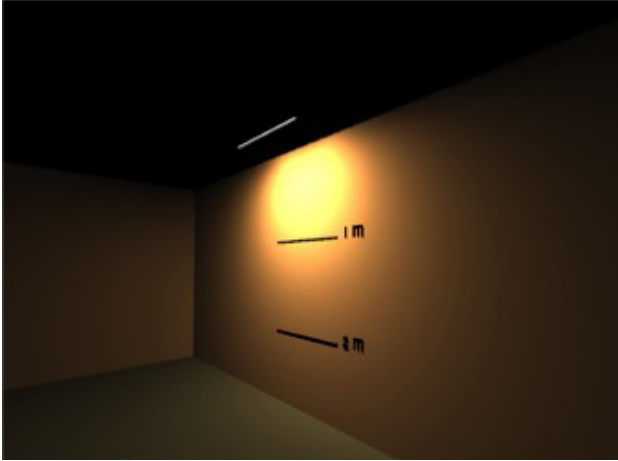
	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
<b>A-line</b>	95	96	95	94	92	92	97	91	78	88	93	67	95	97

### Asymmetric Lens

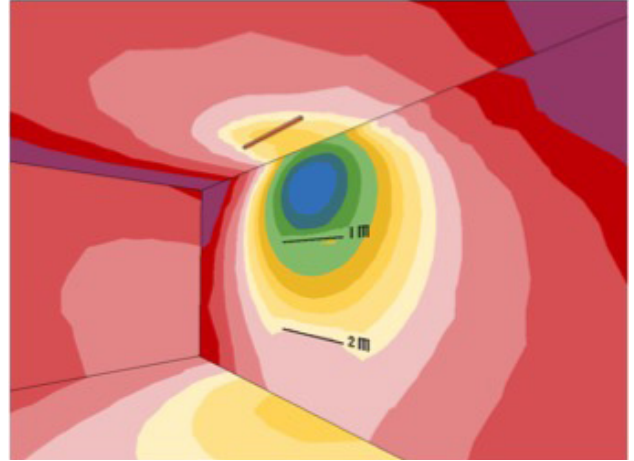
			<b>CRI</b>	<b>R9</b>	<b>Rf</b>	<b>Rg</b>
<b>A-line</b>	3630lm/m (1106lm/ft)	121lm/W	94	78	-	-



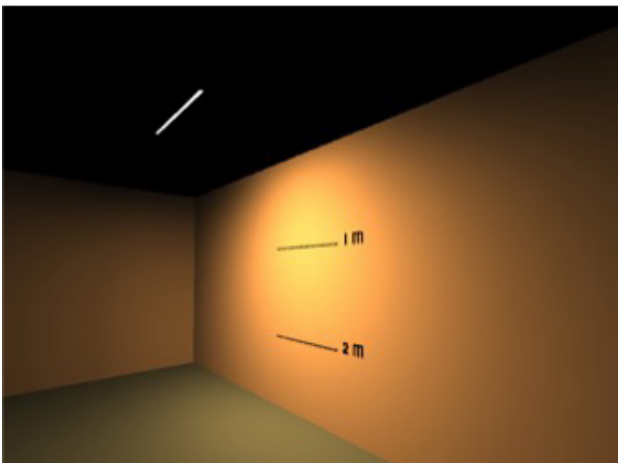
Data derived from independent UKAS/IESNA LM-79-08 accredited testing of production samples.



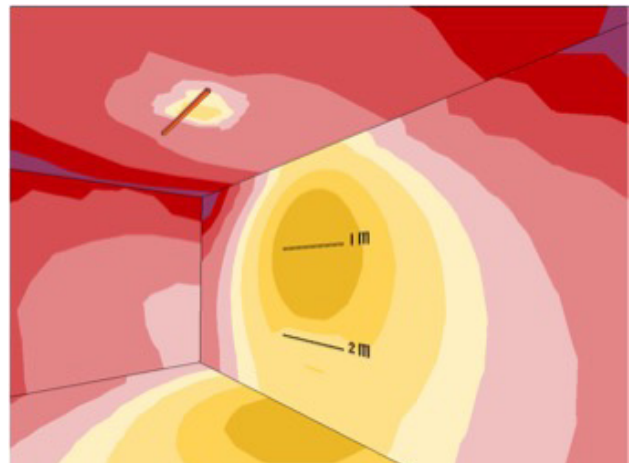
0.5M between light and wall



0.5M between light and wall (Psuedo color)



1M between light and wall



1M between light and wall (Psuedo color)

Distance between wall and light	Light reaching height (based on wall)
0.5M	1M
1.1M	1.5M
1.3M	2M

Linear

# TIA 26 Asymmetric A030 (30W) Code Table



## FIXTURE

Model	Finish	Cover/Lens	Grade <sup>1</sup>	LED	Colour (CCT)	Length Availability <sup>2</sup>	IP	Cable Length	Power Feed	Input										
TIA 26 Asymmetric	TY	Silver Anodised	SA	Asymmetric Lens	Y	A-	A	A030	2700K 27 3000K 30 4000K 40	m	L96-1019mm 38.46mm increments  i	L3.8-40.1in 1.51in increments  (Specify length code OR total run length)	IP40	40	300mm (11.81in)	0300	Single no sheath tail  Double no sheath tail  Single no sheath IP20 connector Double no sheath IP20 connector	S00X  D00X  S20X  D20X	DC 24V	g

<sup>1</sup> Refer to **LED Grading Key** on **Specification sheet** page

<sup>2</sup> Refer to **Length Availability List** or enter total run length instead of length code

## Code Example:

TY	-	SA	-	Y	-	A-	-	A030	-	30	-	m	-	519	-	40	-	0300	-	S00X	-	g
TIA 26 Asymmetric		Silver Anodised		Asymmetric Lens		A-		A030		3000K		m		519mm		40		300mm (11.81in)		Single no sheath tail		DC 24V

## ACCESSORIES

### Mounting Accessories

KKCP-11	Concealed Clip
KKBK-25	Adjustable bracket

\* Refer to **Mounting accessories** on **Accessories** pages

### Connection Accessories

KKCN-01	2 PIN male & female 50mm/1.97" pair
KKCN-03	2 PIN male & female 300mm/11.81" pair
KKCN-06	2 PIN 300mm/11.81" extension lead

\* Refer to **Power feed** on **Accessories** pages

### PSU/Driver

0-10V/1-10V/DALI/DMX

\* Refer to **Driver/PSU Options** page for details or provide requirement and KKDC to offer the suitable option

# TIA 26 Asymmetric A030 (30W) Length Availability List

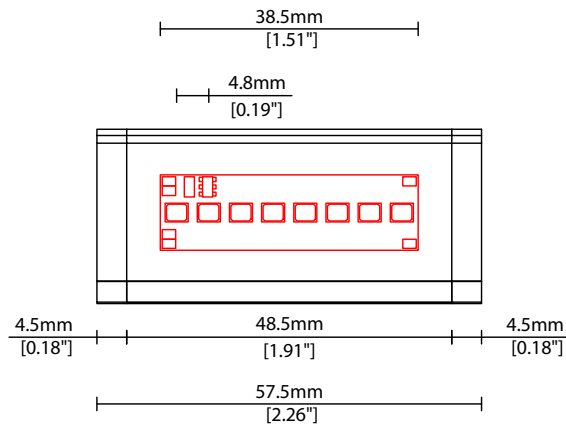


Length Code		Fixture Length <sup>1</sup>		LED Strip <sup>2</sup>		End Cap Dimension <sup>3</sup>		Wattage (W)	Output (lm)
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)
m0096	i0004	96mm	3.78in	77mm	3.03in	9mm	0.35in	2.31	280
m0134	i0005	134mm	5.29in	115mm	4.54in	9mm	0.35in	3.46	419
m0173	i0007	173mm	6.80in	154mm	6.06in	9mm	0.35in	4.62	559
m0211	i0008	211mm	8.32in	192mm	7.57in	9mm	0.35in	5.77	698
m0250	i0010	250mm	9.83in	231mm	9.09in	9mm	0.35in	6.92	837
m0288	i0011	288mm	11.35in	269mm	10.60in	9mm	0.35in	8.08	978
m0327	i0013	327mm	12.86in	308mm	12.11in	9mm	0.35in	9.23	1117
m0365	i0014	365mm	14.38in	346mm	13.63in	9mm	0.35in	10.38	1256
m0404	i0016	404mm	15.89in	385mm	15.14in	9mm	0.35in	11.54	1396
m0442	i0017	442mm	17.40in	423mm	16.66in	9mm	0.35in	12.69	1535
m0481	i0019	481mm	18.92in	462mm	18.17in	9mm	0.35in	13.85	1676
m0519	i0020	519mm	20.43in	500mm	19.68in	9mm	0.35in	15.00	1815
m0557	i0022	557mm	21.95in	538mm	21.20in	9mm	0.35in	16.15	1954
m0596	i0023	596mm	23.46in	577mm	22.71in	9mm	0.35in	17.31	2095
m0634	i0025	634mm	24.97in	615mm	24.23in	9mm	0.35in	18.46	2234
m0673	i0026	673mm	26.49in	654mm	25.74in	9mm	0.35in	19.62	2374
m0711	i0028	711mm	28.00in	692mm	27.26in	9mm	0.35in	20.77	2513
m0750	i0030	750mm	29.52in	731mm	28.77in	9mm	0.35in	21.92	2652
m0788	i0031	788mm	31.03in	769mm	30.28in	9mm	0.35in	23.08	2793
m0827	i0033	827mm	32.55in	808mm	31.80in	9mm	0.35in	24.23	2932
m0865	i0034	865mm	34.06in	846mm	33.31in	9mm	0.35in	25.38	3071
m0904	i0036	904mm	35.57in	885mm	34.83in	9mm	0.35in	26.54	3211
m0942	i0037	942mm	37.09in	923mm	36.34in	9mm	0.35in	27.69	3350
m0981	i0039	981mm	38.60in	962mm	37.85in	9mm	0.35in	28.85	3491
m1019	i0040	1019mm	40.12in	1000mm	39.37in	9mm	0.35in	30.00	3630

<sup>1</sup> Actual total overall length of light fixture (LED strip + end caps + void/wire hole)

<sup>2</sup> Actual length of PCB strip

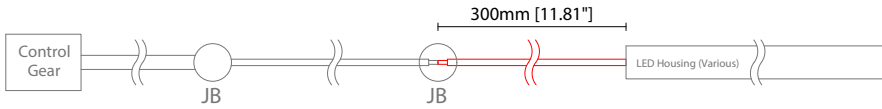
<sup>3</sup> Actual length of 2x end caps



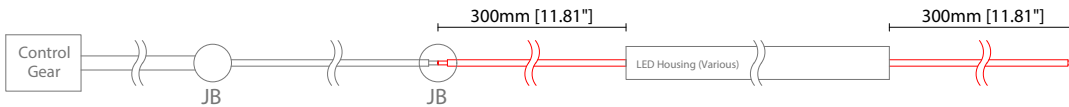
## POWER FEED OPTIONS

\* Options are an integral part of the fixture ordering codes. Please refer to **Code Table** pages.

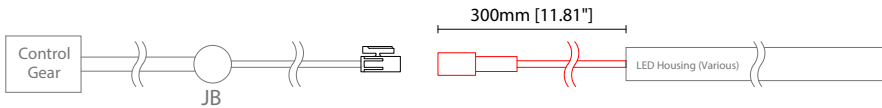
### 0300 S00X 300mm (11.81") Single no sheath tail



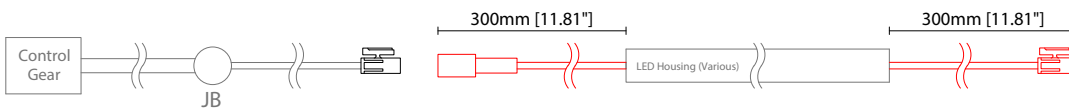
### 0300 D00X 300mm (11.81") Double no sheath tail



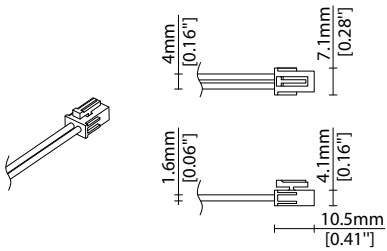
### 0300 S20X 300mm (11.81") Single no sheath IP20 connector



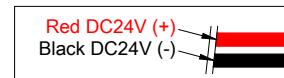
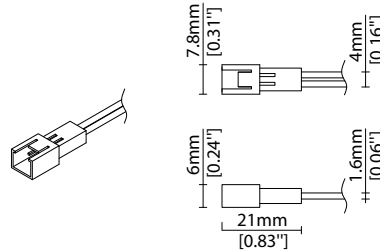
### 0300 D20X 300mm (11.81") Double no sheath IP20 connector



### 2 Pin Female Connector



### 2 Pin Male Connector



### Key

Control Gear Power supply, sub-controllers & control systems  
 JB Junction box / cable connection

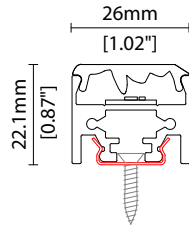
## MOUNTING ACCESSORIES

Note: Accessories are to be ordered separately with corresponding code shown below.



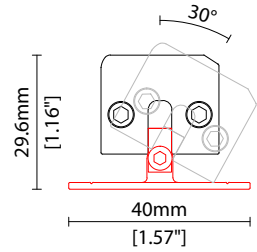
**KKCP-11**

Concealed clip  
(allow 3 per metre/40in)  
S/Steel finish  
L20/W26/H22.1mm  
(L0.79/W10.2/H0.87")

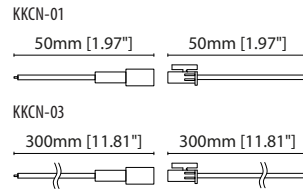
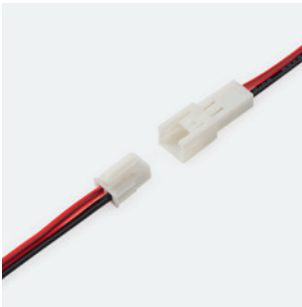


**KKBK-25**

Adjustable bracket  
(allow 2 per metre/40in)  
S/Steel finish  
L30/W40/H29.6mm  
(L1.18/W1.57/H1.16")



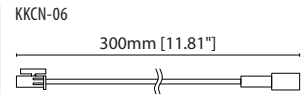
## POWER FEED



**KKCN-01** 50mm (1.97in) pair  
**KKCN-03** 300mm (11.81in) pair  
2 PIN male + female connector set



**KKCN-06**  
2 PIN 300mm (11.81in) extension lead



Linear

# TIA 26 Asymmetric A030 (30W) Accessories

# KKDÖ

## KKDC CONTROL



IP20  
Plastic housing  
L170/W59/H29mm  
(L6.69/W2.32/H1.14in)

**KKDM-06** 1-10V

visDIM dimmable sub-controller  
(4 x 8A max @ 12-36V)



IP20  
Plastic housing  
L170/W53.4/H28mm  
(L6.69/W2.10/H1.10in)

**KKSC-05** DMX

visDIM dimmable sub-controller  
(4 x 5A max @ 12-36V)



IP20  
Plastic housing  
L170/W59/H29mm  
(L6.69/W2.32/H1.14in)

**KKDL-02** DALI

visDIM dimmable sub-controller  
(4 x 8A max @ 12-36V)

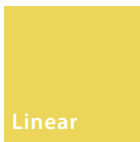


IP20  
Plastic housing  
L166/W53.4/H23mm  
(L6.54/W2.10/H0.91in)

**KKDL-03** DALI

visDIM dimmable sub-controller  
(4 x 5A max @ 12-36V)





# TIA Driver/PSU Options



## AVAILABLE PSU OPTIONS

Control Mode	PSU (Order Code)	Input Voltage AC	Output Voltage DC	Rated Output Current	Rated Power	Dim %	IP Rating
Switched	CEN-60-24	90-295V	24V	2.5A	60W	-	IP67
	HLG-60H-24	90-305V	24V	2.5A	60W	-	IP67
	HLG-100H-24	90-305V	24V	4.0A	100W	-	IP67
	HLG-150H-24	90-305V	24V	6.3A	150W	-	IP67
	HLG-240H-24	90-305V	24V	10A	240W	-	IP67
0-10V (1-10V)	PWM-40-24	90-305V	24V	1.67A	40W	100-0.15 (100-10)	IP67
	PWM-60-24	90-305V	24V	2.5A	60W	100-0.15 (100-10)	IP67
	PWM-90-24	90-305V	24V	3.67A	90W	100-0.15 (100-10)	IP67
	PWM-120-24	90-305V	24V	5.0A	120W	100-0.15 (100-10)	IP67
DALI	LIN100A1	120-277V	24V	1A per channel	100W	100-0.1	IP66/IP40
DMX RGB	LIN100A1	120-277V	24V	1.33A per channel	100W	100-0.1	IP66/IP40
DMX RGBW	LIN100A1	120-277A	24V	1A per channel	100W	100-0.1	IP66/IP40

## Flicker Free Options - Combination of PSU+ sub-controller

Control Mode	PSU (Order Code)	Sub-controller (Order Code)	Input Voltage AC	Output Voltage DC	Rated Output Current	Rated Power	Dim %	IP Rating PSU/ Sub-controller
0-10V or 1-10V	CEN-60-24	KKDM-06	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-60H-24	KKDM-06	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-100H-24	KKDM-06	90-295V	24V	4.0A	100W	100-0.9	IP67/IP20
	HLG-150H-24	KKDM-06	90-295V	24V	6.3A	150W	100-0.9	IP67/IP20
	HLG-240H-24	KKDM-06	90-295V	24V	10.0A	240W	100-0.9	IP67/IP20
DALI	CEN-60-24	KKDL-02/03	90-295V	24V	2.5A	60W	100-0.1	IP67/IP20
	HLG-60H-24	KKDL-02/03	90-305V	24V	2.5A	60W	100-0.1	IP67/IP20
	HLG-100H-24	KKDL-02/03	90-305V	24V	4.0A	100W	100-0.1	IP67/IP20
	HLG-150H-24	KKDL-02/03	90-305V	24V	6.3A	150W	100-0.1	IP67/IP20
	HLG-240H-24	KKDL-02/03	90-305V	24V	10.0A	240W	100-0.1	IP67/IP20
DMX RGB	CEN-60-24	KKSC-05	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-60H-24	KKSC-05	90-305V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-100H-24	KKSC-05	90-305V	24V	4A	100W	100-0.9	IP67/IP20
	HLG-150H-24	KKSC-05	90-305V	24V	6.3A	150W	100-0.9	IP67/IP20
	HLG-240H-24	KKSC-05	90-305V	24V	10.0A	240W	100-0.9	IP67/IP20

<sup>1</sup> The items shown above cover the most frequently used specification but does not exhaust the possible options

<sup>2</sup> PSU and/or driver can be chosen from the table, or KKDC may recommend the best option upon receipt of the controls requirement and installation environment

<sup>3</sup> Electrical shop drawing will include detailed information of PSU and relevant control drivers

<sup>4</sup> Cut sheets are available on the controls section of [www.kkdc.lighting](http://www.kkdc.lighting) or upon request