

SUNNY



VCK



SUNNY CATALOG

A leader in the emergency lighting
market for more than 42 years



2021

LIGHT FOR LIFE

sunnyemergencylight.com

เว็บไซต์



คู่มือการใช้



ไฟฉุกเฉิน EMERGENCYLIGHT

CU Series



Battery Checker
With Sound Alert



Auto Test
Every 30 Days 30 Mins



Remote Test
5 Secs / 30 Mins /
60 Mins



Battery
Sealed Lead Acid (SLA)

WARRANTY



REMOTE
TEST
RT-S1



Model	Lamp		Battery Capacity	Back-up (hr)	Back-Up Time Compare to Battery Life (Approx)			Dimension (mm)			Weight (kg)
	Bulb	Watts			1 year (min)	2 year (min)	3 year (min)	L	W	H	
CU209CD4	2	9	12V - 5.0Ah	4.0	240	170	110	250	80	230	3.27
CU209CD6	2	9	12V - 7.0Ah	6.0	360	250	160				3.68
CU212CD3	2	12	12V - 5.0Ah	3.0	180	125	80				3.27
CU212CD4	2	12	12V - 7.0Ah	4.0	240	170	110				3.68

SN Series



Manual Test



Battery
Sealed Lead Acid (SLA)

WARRANTY



Model	Lamp		Battery Capacity	Back-up (hr)	Dimension (mm)			Weight (kg)
	Bulb	Watts			L	W	H	
SN203NC7	2	3	6V - 4.5Ah	7.0	210	70	220	2.10

SG Series



Auto Test
Every 30 Days 30 Mins



Battery
Sealed Lead Acid (SLA)

WARRANTY

หลอด LED	วงจรสำรอง	แบตเตอรี่
5 ปี	5 ปี	2 ปี

Model	Lamp		Battery Capacity	Back-up (hr)	Dimension (mm)			Weight (kg)
	Bulb	Watts			L	W	H	
SG509-02	2	9	12V - 1.3Ah	3.0	210	70	215	1.95

SG SERIES



NEW!
2023

มั่นใจ! กับระบบใหม่ที่มี
AUTO CHECK



Auto Check



Auto Test



Lithium Phosphate



3 Steps Charger

Model	Lamp		Battery Capacity	Back-up (hr)	Dimension (mm)			Weight (kg)
	Bulb	Watts			L	W	H	
SG209CD2	2	9	3.2V-6000mAh	2.0	210	70	215	1.24
SG209CD4	2	9	3.2V-6000mAhx2	4.0	210	70	215	1.40
SG212CD3	2	12	3.2V-6000mAhx2	3.0	210	70	215	1.40

TM SERIES



NEW!
2023



Timer Function



Lithium Phosphate



3 Steps Charger

Model	Lamp		Battery Capacity	Back-up (hr)	Dimension (mm)			Weight (kg)
	Bulb	Watts			L	W	H	
TM209CD2	2	9	3.2V-6000mAh	2.0	210	70	215	1.50

EDLS Series



EDLS09-3C


Auto Test
Every 30 Days 30 Mins

AT Deactivation
Can be Selected

Remote Test
5 Secs / 30 Mins / 60 Mins

3 Steps Charger
New Innovation

Battery
LifePO4

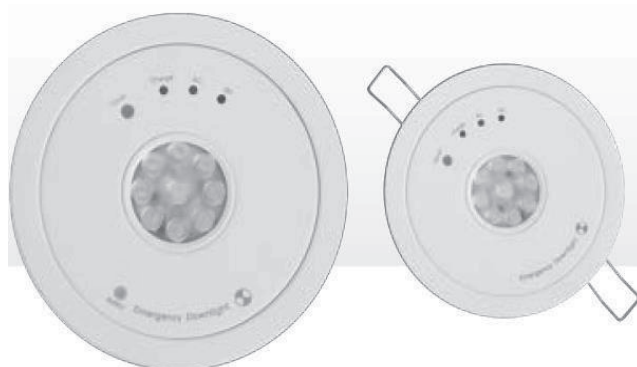
REMOTE TEST
RT-S3


WARRANTY

หลอด LED	วงจรเครื่อง	แบตเตอรี่
10 ปี	5 ปี	3 ปี

Model	Lamp		Battery Capacity	Back-up (hr)	Back-Up Time Compare to Battery Life (Approx)			Dimension (mm)		Weight (kg)
	Bulb	Watts			1 year (min)	2 year (min)	3 year (min)	W	H	
EDLS09-3C	1	9	LiFePO4	3.0	120	90	60	140	47	0.66
EDLS09-2R	1	9	6.4V-1200 mAh	3.0	120	90	60	140	42	0.48

EDLT Series


Replacement
For Regular Lamp

Timer
Turn On/Off Light Automatically

Remote Control
Setting time 1, 2, 3, 6, 12 hrs.

3 Steps Charger
New Innovation

Battery
LiFePO4)

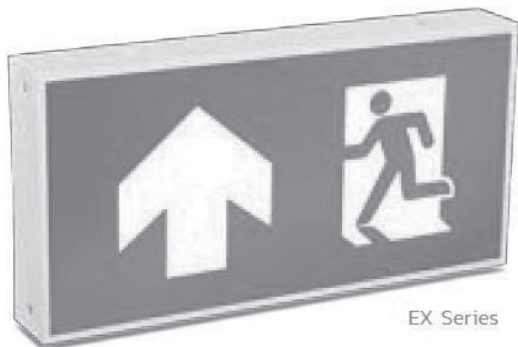
REMOTE CONTROL
RT-S2


WARRANTY

หลอด LED	วงจรเครื่อง	แบตเตอรี่
3 ปี	5 ปี	3 ปี

Model	Lamp		Battery Capacity	Back-up (hr)	Back-Up Time Compare to Battery Life (Approx)			Dimension (mm)		Weight (kg)
	Bulb	Watts			1 year (min)	2 year (min)	3 year (min)	W	H	
EDLT09-3C	1	9	LiFePO4)	3.0	120	90	60	140	47	0.66
EDLT09-3R	1	9	6.4V-1200 mAh	3.0	120	90	60	140	42	0.48

EMERGENCY EXIT SIGN LIGHTLIGHT



EX Series



SL Series

WARRANTY
EX/SL SERIES 1-5*

หลอด LED 3 ปี
วงจรชาร์จ 5 ปี
แบตเตอรี่ 3 ปี

* EX Series 3 รับประกันแบตเตอรี่ 2 ปี



LED Lamp Power
10w



Back Up Time
2 hours



Symbol Height
10cm



Battery
Ni-MH

EX/SL SERIES 1

Model	Sided	Battery Capacity	Led Strip Lamp	Back-up (hr)	Back-Up Time Compare to Battery Life (Approx)			Dimension (mm)			Weight (kg)
					1 year (min)	2 year (min)	3 year (min)	L	W	H	
EX Series 1											
EXS1-10LED/S	1	Ni-MH 3.6V-1800 mAh	10W	2.0	135	120	80	400	60	195	1.70
EXS1-10LED/D	2										1.40
SL Series 1											
SLS1-10LED / S (C)	1	Ni-MH 3.6V-1800 mAh	10W	2.0	135	120	80	410	80	220	1.70
SLS1-10LED / S (W)	1										
SLS1-10LED / D (C)	2										
SLS1-10LED / S (R)	1							430	100	220	1.78
SLS1-10LED / D (R)	2										



LED Lamp Power
10w



Back Up Time
3 hours



Symbol Height
10cm



Battery
Ni-MH

EX/SL SERIES 2

Model	Sided	Battery Capacity	Led Strip Lamp	Back-up (hr)	Back-Up Time Compare to Battery Life (Approx)			Dimension (mm)			Weight (kg)
					1 year (min)	2 year (min)	3 year (min)	L	W	H	
EX Series 2											
EXS2-10LED / S	1	Ni-MH 3.6V-2100 mAh	10W	3.0	180	160	120	400	60	195	1.80
EXS2-10LED / D	2										1.50
SL Series 2											
SLS2-10LED / S (C)	1	Ni-MH 3.6V-2100 mAh	10W	3.0	180	160	120	410	80	220	1.80
SLS2-10LED / S (W)	1										
SLS2-10LED / D (C)	2							430	100	220	1.88
SLS2-10LED / S (R)	1										
SLS2-10LED / D (R)	2										



LED Lamp Power
10w



Back Up Time
3.5 hours



Symbol Height
10cm



Battery
SLA

EX SERIES 3

EX Series 3

EXS3-10LED / S	1	12V - 1.3Ah	10W	3.5	210	190	150	500	80	200	2.30
EXS3-10LED / D	2										2.00

DIMENSION EX SERIES 3



WARRANTY EX/SL SERIES

หลอด LED 3 ปี
วงจรเครื่อง 5 ปี
แบตเตอรี่ 2 ปี

* EX Series 3 รับประกันแบตเตอรี่ 2 ปี



LED Lamp Power
10w



Back Up Time
2-3 hours



Symbol Height
10cm



Battery
Ni-MH



Auto Test
Every 30 Days
30 Mins



Remote Test
5 Secs / 30 Mins /
60 Mins

REMOTE
TEST
RT-S1



EX/SL SERIES 4

EX Series 4

EXS4-10LED / S	1	Ni-MH 3.6V-1800 mAh	10W	2.0	135	120	80	400	60	195	1.70
EXS4-10LED / D	2										1.40
EXS4-10LED / S	1	Ni-MH 3.6V-2100 mAh	10W	3.0	180	160	120	400	60	195	1.80
EXS4-10LED / D	2										1.50

SL Series 4

SLS4-10LED / S (C)	1	Ni-MH 3.6V-1800 mAh	10W	2.0	135	120	80	410	80	220	1.70
SLS4-10LED / S (W)	1										
SLS4-10LED / D (C)	2							430	100	220	1.78
SLS4-10LED / S (R)	1										
SLS4-10LED / D (R)	2	Ni-MH 3.6V-2100 mAh	10W	3.0	180	160	120	410	80	220	1.80
SLS4-10LED / S (C)	1										
SLS4-10LED / S (W)	1							410	80	220	1.80
SLS4-10LED / D (C)	2										
SLS4-10LED / S (R)	1							430	100	220	1.88
SLS4-10LED / D (R)	2										



LED Lamp Power
12w



Back Up Time
2 hours



Symbol Height
15cm



Battery
Ni-MH

EX/SL SERIES 5

Model	Sided	Battery Capacity	Led Strip Lamp	Back-up (hr)	Back-Up Time Compare to Battery Life (Approx)			Dimension (mm)			Weight (kg)
					1 year (min)	2 year (min)	3 year (min)	L	W	H	
EX Series 5											
EXS5-12LED / S	1	Ni-MH 3.6V-2100 mAh	12W	2.0	135	120	80	480	60	230	1.80
EXS5-12LED / D	2										1.50
SL Series 5											
SLS5-12LED / S (C)	1	Ni-MH 3.6V-2100 mAh	12W	2.0	135	120	80	505	80	275	2.30
SLS5-12LED / S (W)	1										
SLS5-12LED / D (C)	2										
SLS5-12LED / S (R)	1				135	120	80	525	100	275	2.50
SLS5-12LED / D (R)	2										

EXSC Series

WARRANTY
EXSC SERIES / FIRE HOST SIGN

หลอด LED 3 ปี
วงจรเครื่อง 5 ปี
แบตเตอรี่ 2 ปี



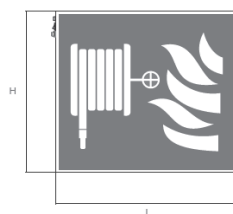
DIMENSION



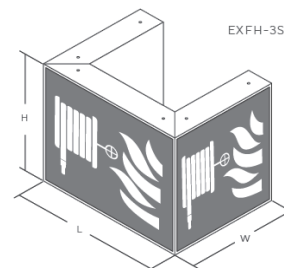
Model	Sided	Battery Capacity	Led Strip Lamp	Back-up (hr)	Dimension (mm)			Weight (kg)
					L	W	H	
EXSC-20LED / S	1	12V - 2.9Ah	20W	4.0	750	100	200	4.00
EXSC-20LED / D	2							3.50
EXSC-30LED / S	1	12V - 5Ah	30W	4.0	1300	120	300	11.00
EXSC-30LED / D	2							10.50

FIRE HOST SIGN Series

DIMENSION



EXFH-1S

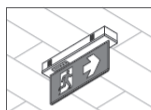


EXFH-3S

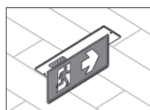
Model	Sided	Battery Capacity	Led Strip Lamp	Back-up (hr)	Dimension (mm)			Weight (kg)
					L	W	H	
EXFH-1S	1	12V - 2.9Ah	20W	4.0	500	100	450	5.00
EXFH-3S	3	12V - 5Ah	60W	2.0	575	470	450	12.00

INSTALLATION

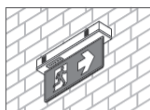
SL SERIES
TYPES OF MOUNTING OPTIONS



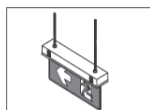
Ceiling (Type C)
(Installation without accessories)



Recessed (Type R)
(Installation without accessories)



Wall (Type W)
(Installation without accessories)



Suspended
(Installation with kit not included)

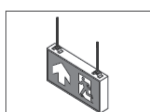
EX SERIES
TYPES OF MOUNTING OPTIONS



Ceiling
(Installation without accessories)



Wall
(Installation without accessories)



Suspended
(Installation with kit not included)

LEGEND PANEL FORMAT

STANDARD LEGEND FORMAT
(EIT STANDARD 021004-18)



SD-001



SD-002



SD-003



SD-004



SD-005



SD-006

CU-IP66

Series



REMOTE TEST
RT-S1



Weatherproof
IP66



Remote Test
5 Secs / 30 Mins /
60 Mins



Battery
Sealed Lead Acid (SLA)



Battery Checker
With Sound Alert



Auto Test
Every 30 Days 30 Mins

WARRANTY



Model	Lamp		Battery Capacity	Back-up (hr)	Dimension (mm)			Weight (kg)
	Bulb	Watts			L	W	H	
CU209ST4	2	9	12V - 5.0Ah	4.0	270	90	250	3.84
CU212ST3	2	12	12V - 5.0Ah	3.0				

EXST Series



Weatherproof
IP66



Symbol Height
10cm



Battery
Ni-MH



LED Lamp Power
10w



Back Up Time
2, 3 hours

WARRANTY



Model	Sided	Battery Capacity	Led Strip Lamp	Back-up (hr)	Dimension (mm)			Weight (kg)
					L	W	H	
EXST-10LED / S	1	Ni-MH 3.6V - 1800	10W	2.0	450	80	230	3.20
EXST-10LED / D	2							4.20
EXST-10LED / S	1	Ni-MH 3.6V - 2100	10W	3.0	450	80	230	3.20
EXST-10LED / D	2							4.20

REMOTE LAMP RST Series

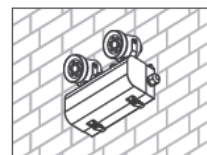
 Weatherproof
IP66



RST SERIES TYPES OF MOUNTING OPTIONS



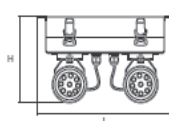
Ceiling (Type C)
(Installation without accessories)



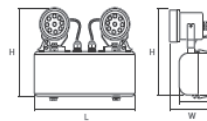
Wall (Type W)
(Installation without accessories)

DIMENSION

SURFACE CEILING



SURFACE WALL



REMOTE LAMP RST SERIES

Model	Input Voltage	LED Lamp Power	Lamp (Bulb)	Lumen (lm)/ Bulb	Dimension L x W x H (mm)	Weight (g)	Mounted
RST 12-209(C)	12VDC	9W	2	810	245 x 95 x 150	1,010	Surface Ceiling
RST 12-212(C)	12VDC	12W	2	1,080	245 x 95 x 150	1,010	Surface Ceiling
RST 12-209(W)	12VDC	9W	2	810	210 x 95 x 180	1,010	Surface Wall
RST 12-212(W)	12VDC	12W	2	1,080	210 x 95 x 180	1,010	Surface Wall
RST 220-209(C)	220VAC	9W	2	810	245 x 95 x 150	1,010	Surface Ceiling
RST 220-212(C)	220VAC	12W	2	1,080	245 x 95 x 150	1,010	Surface Ceiling
RST 220-209(W)	220VAC	9W	2	810	210x 95 x 180	1,010	Surface Wall
RST 220-212(W)	220VAC	12W	2	1,080	210x 95 x 180	1,010	Surface Wall

CCU 12V

Series

FIGURE A



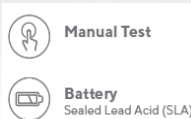
FIGURE B



FIGURE C



FIGURE D



CCU 12V

Model	Output Voltage	Maximum Power Load	Battery Capacity	Back-up (hr)	Dimension (mm)			Weight (kg)	Figure
					L	W	H		
CCU 12-30	12VDC	30W	12V - 7.0Ah	2.0	290	80	160	4.37	A
CCU 12-50	12VDC	50W	12V - 12Ah	2.0	290	110	160	6.37	B
CCU 12-60		60W	12V - 15Ah		340	100	220	8.49	
CCU 12-80		80W	12V - 18Ah		340	100	220	9.42	
CCU 12-120		120W	12V - 26Ah		340	160	235	13.14	
CCU 12-180		180W	12V - 40Ah		400	200	250	19.49	
CCU 12-250	12VDC	250W	12V - 26Ahx2	2.0	500	200	250	30.60	C
CCU 12-300		300W	12V - 65Ah					33.90	
CCU 12-350		350W	12V - 40Ahx2		500	250	300	42.00	
CCU 12-470		470W	12V - 100Ah					46.00	
CCU 12-620	12VDC	620W	12V - 130Ah	2.0	620	350	750	76.00	D
CCU 12-720		720W	12V - 150Ah					77.00	
CCU 12-1000		1000W	12V - 200Ah					99.50	
CCU 12-1100		1100W	12V - 130Ahx2		620	400	950	119.00	
CCU 12-1400		1400W	12V - 150Ahx2					125.00	
CCU 12-1900		1900W	12V - 200Ahx2					171.00	

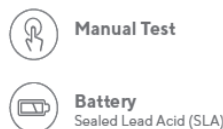
CCU 24V

Series

FIGURE C



FIGURE D



CCU 24V

Model	Output Voltage	Maximum Power Load	Battery Capacity	Back-up (hr)	Dimension (mm)			Weight (kg)	Figure
					L	W	H		
CCU 24-170	24VDC	170W	12V - 18Ahx2	2.0	400	200	250	26.60	C
CCU 24-240		240W	12V - 26Ahx2		500	200	250	41.00	
CCU 24-360		360W	12V - 40Ahx2		500	250	300	56.00	
CCU 24-500	24VDC	500W	12V - 55Ahx2	2.0	620	350	750	63.10	D
CCU 24-600		600W	12V - 65Ahx2					74.70	
CCU 24-700		700W	12V - 40Ahx4					100.00	
CCU 24-950		950W	12V - 100Ahx2		600	300	950	104.00	
CCU 24-1100		1100W	12V - 130Ahx2					130.00	
CCU 24-1200		1200W	12V - 65Ahx4					135.00	
CCU 24-1440		1440W	12V - 150Ahx2		620	400	950	136.00	
CCU 24-1900		1900W	12V - 200Ahx2					181.00	
CCU 24-2200		2200W	12V - 130Ahx4					228.00	

INV 220V

Series



3 Steps Charger
New Innovation



Auto Test
Every 30 Days 30 Mins

WARRANTY

ประกันสินค้า
1 ปี

ประกันเครื่อง
5 ปี

ประกันตู้
2 ปี



Battery
Sealed Lead Acid (SLA)



Low Voltage
Sound Indicator

FIGURE V1

DIMENSION

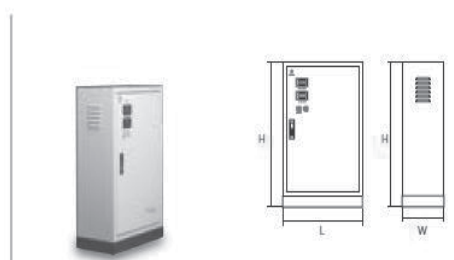


FIGURE V2

DIMENSION



FIGURE V3

DIMENSION



FIGURE V4

DIMENSION

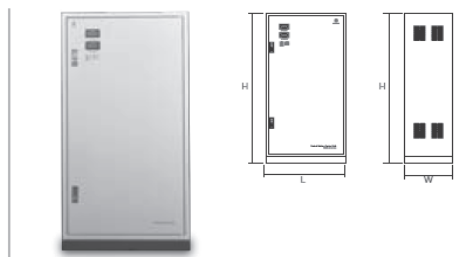


FIGURE V5

DIMENSION



FIGURE V6

DIMENSION

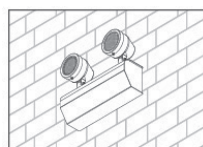
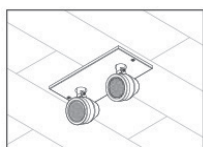
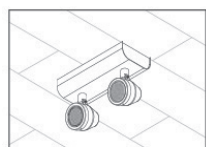
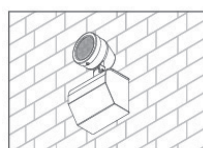
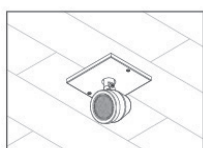
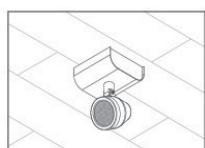


INV 220V

Model	Output Voltage	Maximum Power Load (Wattage @PF = 1)	Battery Capacity	Back-up (hr)	Dimension (mm)			Weight (kg)	Figure
					L	W	H		
INV 220-200	220VAC	200W	24V-33Ah (12V-33Ah x 2)	2.0	440	230	660	26.50	V1
INV 220-300		300W	24V-40Ah (12V-40Ah x 2)					30.60	
INV 220-400		400W	24V-55Ah (12V-55Ah x 2)					42.00	V2
INV 220-500		500W	24V-65Ah (12V-65Ah x 2)	2.0	600	250	810	55.60	
INV 220-700		700W	24V-100Ah (12V-100Ah x 2)					85.00	V3
INV 220-1000		1000W	24V-150Ah (12V-150Ah x 2)	2.0	620	400	1200	105.00	V4
INV 220-1200		1200W	48V-100Ah (12V-100Ah x 4)					150.00	
INV 220-1500		1500W	48V-130Ah (12V-130Ah x 4)					202.00	V5
INV 220-2000		2000W	48V-150Ah (12V-150Ah x 4)	2.0	620	600	1200	214.00	
INV 220-2500		2500W	48V-200Ah (12V-200Ah x 4)					328.00	V6
INV 220-3000		3000W	48V-260Ah (12V-130Ah x 8)	2.0	800	600	1500	398.00	

REMOTE LAMP RCD Series

RCD SINGLE LAMP / DOUBLE LAMP SERIES
TYPES OF MOUNTING OPTIONS



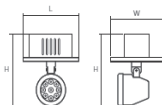
Ceiling (Type C)
(Installation without accessories)

Recessed (Type R)
(Installation without accessories)

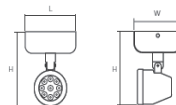
Wall (Type W)
(Installation without accessories)

DIMENSION
SINGLE LAMP / DOUBLE LAMP

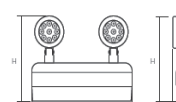
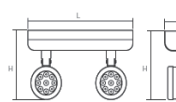
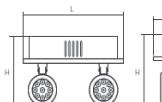
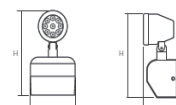
RECESSED CEILING



SURFACE CEILING



SURFACE WALL



REMOTE LAMP RCD 12V SERIES

Model	Input Voltage	LED Lamp Power	Lamp (Bulb)	Lumen (lm)/ Bulb	L x W x H (mm) Recessed Ceiling	L x W x H (mm) Surface Ceiling	L x W x H (mm) Surface Wall	Weight (g)
RCD 12-109	12VDC	9W	1	810	110 x 102 x 130	90 x 85 x 125	90 x 76 x 155	440/360/380
RCD 12-112	12VDC	12W	1	1,080	110 x 102 x 130	90 x 85 x 125	90 x 76 x 155	440/360/380
RCD 12-209	12VDC	9W	2	810	205 x 102 x 130	200 x 85 x 125	200 x 76 x 155	820/710/730
RCD 12-212	12VDC	12W	2	1,080	205 x 102 x 130	200 x 85 x 125	200 x 76 x 155	820/710/730

REMOTE LAMP RCD 24V SERIES

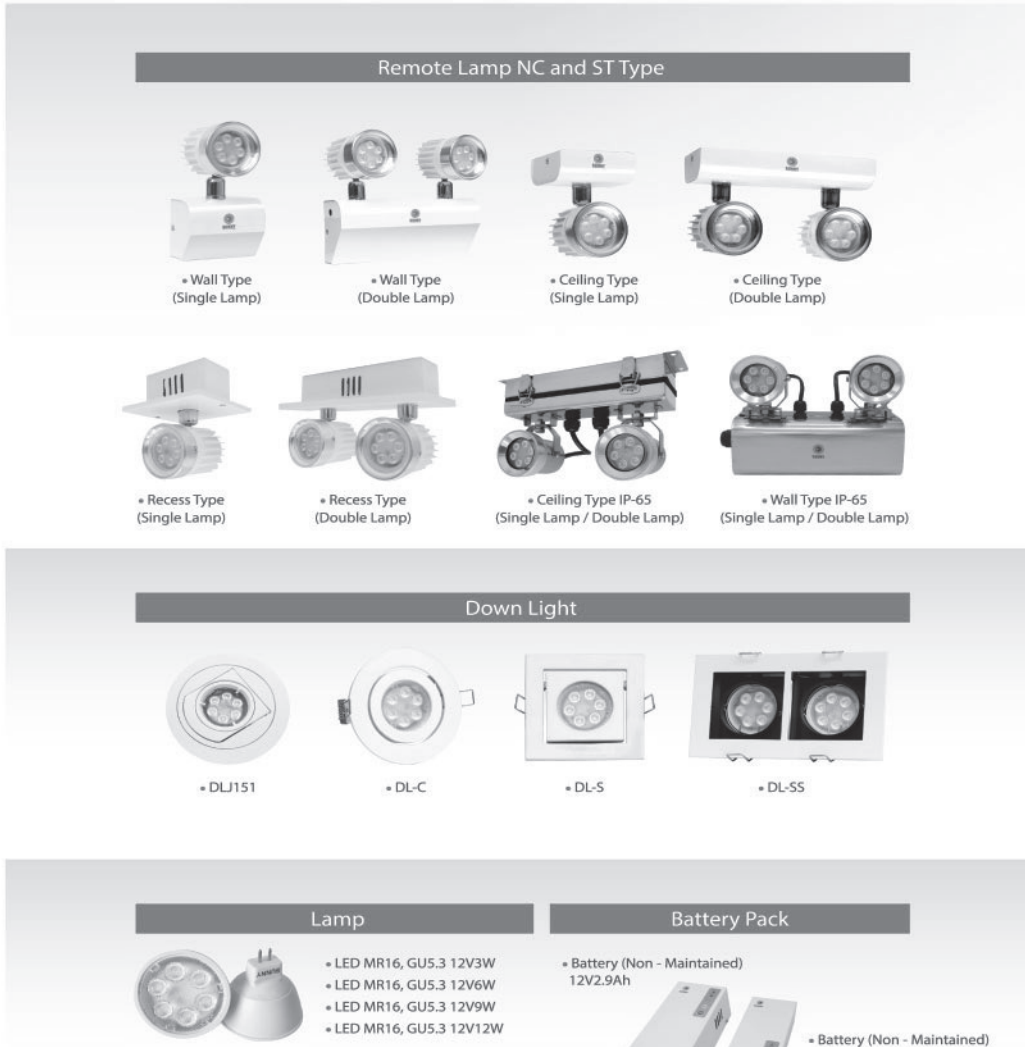
Model	Input Voltage	LED Lamp Power	Lamp (Bulb)	Lumen (lm)/ Bulb	L x W x H (mm) Recessed Ceiling	L x W x H (mm) Surface Ceiling	L x W x H (mm) Surface Wall	Weight (g)
RCD 24-109	24VDC	9W	1	810	110 x 102 x 130	90 x 85 x 125	90 x 76 x 155	440/360/380
RCD 24-112	24VDC	12W	1	1,080	110 x 102 x 130	90 x 85 x 125	90 x 76 x 155	440/360/380
RCD 24-209	24VDC	9W	2	810	205 x 102 x 130	200 x 85 x 125	200 x 76 x 155	820/710/730
RCD 24-212	24VDC	12W	2	1,080	205 x 102 x 130	200 x 85 x 125	200 x 76 x 155	820/710/730

REMOTE LAMP RCD 220V SERIES

Model	Input Voltage	LED Lamp Power	Lamp (Bulb)	Lumen (lm)/ Bulb	L x W x H (mm) Recessed Ceiling	L x W x H (mm) Surface Ceiling	L x W x H (mm) Surface Wall	Weight (g)
RCD 220-109	220VAC	9W	1	810	110 x 102 x 130	90 x 85 x 125	90 x 76 x 155	440/360/380
RCD 220-112	220VAC	12W	1	1,080	110 x 102 x 130	90 x 85 x 125	90 x 76 x 155	440/360/380
RCD 220-209	220VAC	9W	2	810	202 x 102 x 130	200 x 85 x 125	200 x 76 x 155	820/710/730
RCD 220-212	220VAC	12W	2	1,080	202 x 102 x 130	200 x 85 x 125	200 x 76 x 155	820/710/730

ACCESSORIES & RECHARGABLE BATTERIES

ACCESSORIES



RECHARGABLE BATTERIES



Sealed Lead Acid Maintenance Free & Specification (Sealed Lead acid battey)



Hightemp Nickel Metal Hydride Battery