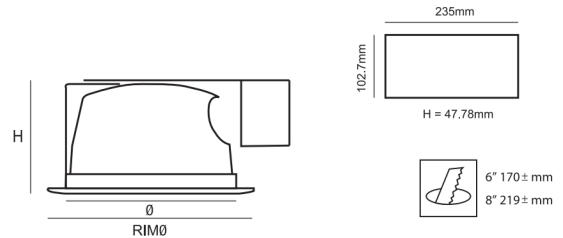


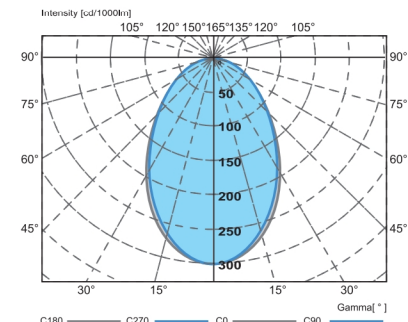


Separate gear box for control gear installation. Deep cell of deep lamp height for the glare control. LOR more than 70%. Full data is available upon request for interior Lux design. Suitable for commercial Building, offices, conference rooms, classrooms, shops, etc.



TM5 Utilization Factors

Utilization factors			LOR =50.7%			DLOR =50.7%			ULOR =0.0%			
Room reflection			Room index									
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5	
0.7	0.5	0.2	34	39	42	45	48	50	51	53	54	
	0.3		31	36	39	42	45	48	49	51	53	
	0.1		29	34	37	40	43	46	47	50	52	
0.5	0.5	0.2	34	38	41	43	46	48	49	51	52	
	0.3		31	35	39	41	44	46	48	50	51	
	0.1		29	33	37	39	42	45	46	49	50	
0.3	0.5	0.2	33	37	40	42	45	47	48	49	50	
	0.3		30	35	38	40	43	45	46	48	49	
	0.1		28	33	36	38	42	44	45	47	48	
0.0	0.0	0.0	27	32	35	37	40	42	43	45	46	
			SHR NOM =1.25			SHR MAX =1.26			SHR MAX			
			TR =1.34									



Technical Data

Photometry constructed by own Goniophotometer accurately measure the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Body & Ring	Made of cold rolled steel.
Glass	Tempered glass.
Reflector	High quality specular/matt finish aluminium.
Paintwork	Coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source	Compact fluorescent lamp of PL-C 10W, 13W, 18W & 26W.
Electrical Data	240V, 50Hz Power factor 0.9
Wattage	PLC-10W/13W/18W/26W
Wire	HR 105° C
Ballast	Polyester vacuum impregnated.
Lampholder	G24d/G24q
Condenser	Metallized polypropylene film.
Control Gear Box	Separate.
Optional components	Electronic ballast/Emergency pack.

Dimensions 6" (Ø158) H100 RIMØ189(MM)

MODEL NO.	NO. OF LAMP
PLUTO 108.6110	1X10W
PLUTO 108.6113	1X13W
PLUTO 108.6118	1X18W
PLUTO 108.6210	2X10W
PLUTO 108.6213	2X13W
PLUTO 108.6218	2X18W

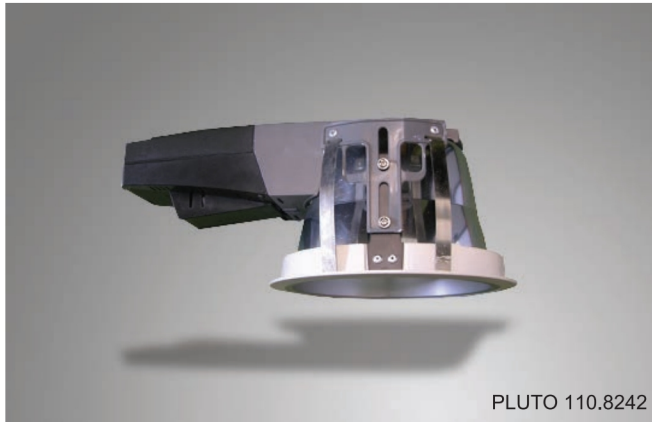
8" (Ø203) H100 RIMØ242(MM)

MODEL NO.	NO. OF LAMP
PLUTO 108.8110	1X10W
PLUTO 108.8113	1X13W
PLUTO 108.8118	1X18W
PLUTO 108.8126	1X26W
PLUTO 108.8210	2X10W
PLUTO 108.8213	2X13W
PLUTO 108.8218	2X18W
PLUTO 108.8226	2X26W

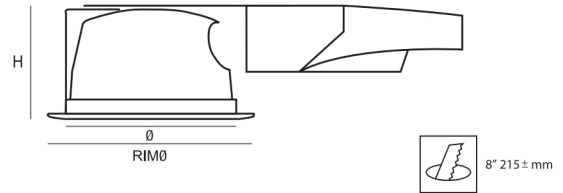


Note : Subject to +/- 1.5mm

*SJ Lite reserves the right to change and amend the specification without prior notice.

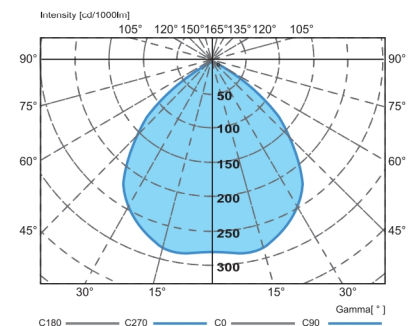


Deep cell of deep lamp height for the glare control. LOR more than 70%. Full data is available upon request for interior lux design. Suitable for commercial building, offices, conference room, classrooms, shops, etc.



TM5 Utilization Factors

Utilization factors			LOR =59.7%					DLOR =59.7%				ULOR =0.0%			
Room reflection			Room index												
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5				
0.7	0.5	0.2	44	49	53	55	58	61	62	64	65				
	0.3		41	46	50	52	56	58	60	62	53				
	0.1		38	43	47	50	54	56	58	61	62				
0.5	0.5	0.2	43	48	51	54	57	59	60	61	62				
	0.3		40	45	49	51	55	57	58	60	61				
	0.1		38	43	47	49	53	55	57	59	60				
0.3	0.5	0.2	43	47	50	52	55	57	58	59	60				
	0.3		40	45	48	50	53	55	57	58	59				
	0.1		38	43	46	49	52	54	55	57	58				
0.0	0.0	0.0	37	41	45	47	50	52	53	55	56				
			SHR NOM =1.50					SHR MAX =1.60				SHR MAX			
			TR =1.79												



Technical Data

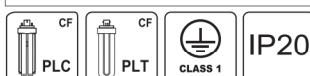
Photometry constructed by own Goniophotometer accurately measure the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Body & Ring	Made of injected die casted aluminium.
Reflector	High quality specular/matt finish aluminium.
Paintwork	Coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source	Compact fluorescent lamp of PL-C 10W,13W,18W & 26W / PL-T 32W,42W.
Electrical Data	240V, 50Hz
Wattage	PLC-10W/13W/18W/26W, PL-T 32W/42W
Wire	HR 105° C
Ballast	Electronic ballast.
Lampholder	G24d/G24q
Optional components	Emergency pack.

Dimensions 8" (Ø190) H150 RIMØ230(MM)

MODEL NO.	NO. OF LAMP
PLUTO 110.8210	2X10W
PLUTO 110.8213	2X13W
PLUTO 110.8218	2X18W
PLUTO 110.8226	2X26W
PLUTO 110.8232	2X32W
PLUTO 110.8242	2X42W

MODEL NO.	NO. OF LAMP



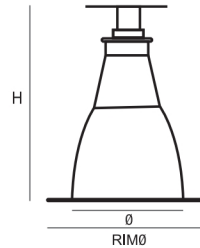
Note : Subject to +/- 1.5mm

*SJ Lite reserves the right to change and amend the specification without prior notice.



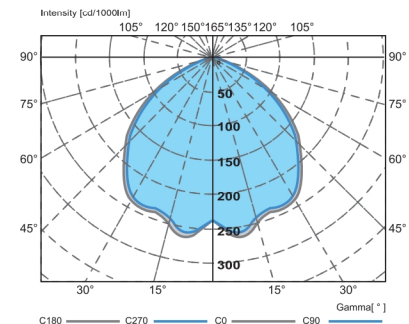
PLUTO 200.6118

Recessed downlight for compact fluorescent lamps in vertical mode. Removable reflector for ease of installation and lamp fixing without tools. High luminous efficiency. High reflectance vacuum metallisation aluminium faceted reflector. Suitable for commercial halls, offices, museums, galleries, exhibition, etc.



TM5 Utilization Factors

Utilization factors			LOR=61.3% DLOR=61.3% ULOR=0.0%									
Room reflection			Room index									
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5	
0.7	0.5	0.2	42	47	52	55	58	61	62	65	66	
	0.3		38	44	48	51	56	58	60	63	64	
	0.1		35	41	45	49	53	56	58	61	63	
0.5	0.5	0.2	41	46	50	53	57	59	60	62	63	
	0.3		38	43	47	50	54	57	58	61	62	
	0.1		35	40	45	48	52	55	57	59	61	
0.3	0.5	0.2	40	45	49	52	55	57	58	60	61	
	0.3		37	42	46	49	53	55	57	59	60	
	0.1		35	40	44	47	51	54	55	58	59	
0.0	0.0	0.0	34	39	43	46	49	51	53	55	56	
			SHR NOM =1.50 SHR MAX =1.72 SHR MAX TR =1.96									



Technical Data

Photometry constructed by own Goniophotometer accurately measure the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Body & Ring	Made of cold rolled steel.
Reflector	High quality specular/matt finish aluminium.
Paintwork	Coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source	Compact fluorescent lamp of PLC 10W,13W,18W & 26W, PLCE 8W/14W/18W/23W.
Electrical Data	240V, 50Hz Power factor 0.9
Wattage	PLC-10W/13W/18W/26W, PLCE 8W/14W/18W/23W
Wire	HR 105° C
Ballast	Polyester vacuum impregnated.
Lampholder	G24d/G24q/E27
Condenser	Metallized polypropylene film.
Optional components	Electronic ballast/Emergency pack.

Dimensions 4" (Ø116.5) H164 RIMØ138(MM)

MODEL NO.	NO. OF LAMP
PLUTO 200.4110	1X10W
PLUTO 200.4113	1X13W
PLUTO 200.4118	1X18W
PLUTO 200.4108E	1X 8W
PLUTO 200.4114E	1X14W
PLUTO 200.4118E	1X18W

6" (Ø147) H194 RIMØ174(MM)

MODEL NO.	NO. OF LAMP
PLUTO 200.6110	1X10W
PLUTO 200.6113	1X13W
PLUTO 200.6118	1X18W
PLUTO 200.6126	1X26W
PLUTO 200.6108E	1X 8W
PLUTO 200.6114E	1X14W
PLUTO 200.6118E	1X18W
PLUTO 200.6123E	1X23W



Note : Subject to +/- 1.5mm

*SJ Lite reserves the right to change and amend the specification without prior notice.

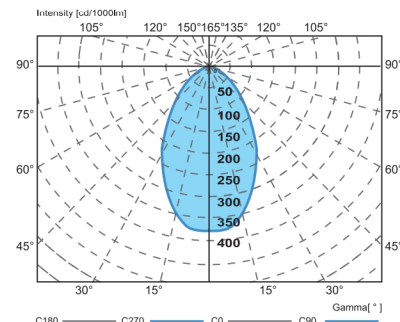


Recessed downlight for CDMT lamp in vertical mode. Removable reflector for ease of installation and lamp fixing without tools. High luminous efficiency. Suitable for commercial halls, offices, museums, galleries, exhibition, etc.



TM5 Utilization Factors

Utilization factors			LOR =52.5%			DLOR =52.5%			ULOR =0.0%		
Room reflection			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	36	41	44	46	49	51	53	55	56
	0.3		33	37	41	43	47	49	51	53	54
	0.1		30	35	38	41	45	47	49	52	53
0.5	0.5	0.2	35	40	43	45	48	50	51	53	54
	0.3		32	37	40	42	46	48	49	51	53
	0.1		30	35	38	40	44	46	48	50	51
0.3	0.5	0.2	34	39	42	44	46	48	49	51	52
	0.3		32	36	39	42	45	47	48	50	51
	0.1		30	34	37	40	43	45	47	49	50
0.0	0.0	0.0	29	33	36	38	41	43	45	46	48
			SHR NOM =1.00			SHR MAX =1.17			SHR MAX		
			TR =1.21								



Technical Data

Photometry constructed by own Goniophotometer accurately measure the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Body & Ring	Made of cold rolled steel.
Cover	Die cast aluminum & frosted tempered glass.
Reflector	Matt finish.
Paintwork	Coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source	CDMT/MH.
Electrical Data	240V, 50Hz
Wattage	35W/70W/150W
Wire	Silicone heat resistance cable.
Ballast	35W/70W/150W
Lampholder	G12/E27
Control Gear Box	Separate.

Dimensions

H240 RIMØ200(MM)

MODEL NO.	NO. OF LAMP
PLUTO 201.8035CDMT	1X 35W
PLUTO 201.8070CDMT	1X 70W
PLUTO 201.8150CDMT	1X150W
PLUTO 201.8070MH	1X 70W
PLUTO 201.8150MH	1X150W

MODEL NO.	NO. OF LAMP

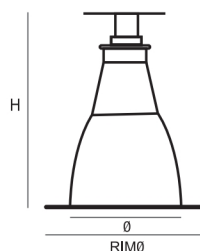


Note : Subject to +/- 1.5mm

*SJ Lite reserves the right to change and amend the specification without prior notice.

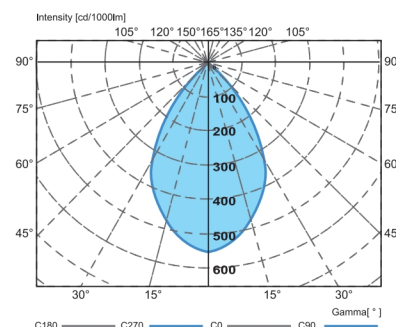


Recessed downlight for compact fluorescent lamps in vertical mode. High luminous efficiency. High reflectance vacuum metallisation aluminium faceted reflector. Suitable for commercial halls, offices, museums, galleries, exhibition, etc.



TM5 Utilization Factors

Utilization factors			LOR=62.1%			DLOR=62.1%		ULOR=0.0%			
Room reflection			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	49	54	57	59	62	64	65	67	68
	0.3		46	51	54	57	60	62	63	65	67
	0.1		44	49	52	55	58	60	62	64	65
0.5	0.5	0.2	48	53	56	58	60	62	63	65	65
	0.3		45	50	53	56	59	60	62	63	64
	0.1		43	48	52	54	57	59	60	62	63
0.3	0.5	0.2	47	52	55	56	59	60	61	62	63
	0.3		45	50	53	55	57	59	60	61	62
	0.1		43	48	51	53	56	58	59	61	62
0.0	0.0	0.0	42	47	50	51	54	56	57	58	59
			SHR NOM =1.00 SHR MAX =1.21 SHR MAX TR =1.27								



Technical Data

Photometry constructed by own Goniophotometer accurately measure the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Body & Ring	Made of cold rolled steel.
Reflector	High quality specular/ matt finish aluminium.
Paintwork	Coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source	Metal Halide, H.P. sodium, Mercury
Electrical Data	240V, 50Hz
Wattage	70W/80W/125W/150W/250W/400W
Wire	Silicone heat resistance cable.
Ballast	70W/80W/125W/150W/250W/400W
Lampholder	E27/E40
Control Gear Box	Separate.

Dimensions 8" (Ø200) H320 RIMØ240(MM)

MODEL NO.	NO. OF LAMP
PLUTO 202.8070MH	1X 70W
PLUTO 202.8150MH	1X150W
PLUTO 202.8070SON	1X 70W
PLUTO 202.8080MER	1X 80W
PLUTO 202.8125MER	1X125W

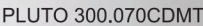
10" (Ø264) H330 RIMØ305(MM)

MODEL NO.	NO. OF LAMP
PLUTO 202.10250MH	1X250W
PLUTO 202.10400MH	1X400W
PLUTO 202.10150SON	1X150W
PLUTO 202.10250SON	1X250W
PLUTO 202.10400SON	1X400W
PLUTO 202.10250MER	1X250W
PLUTO 202.10400MER	1X400W




Note : Subject to +/- 1.5mm

*SJ Lite reserves the right to change and amend the specification without prior notice.

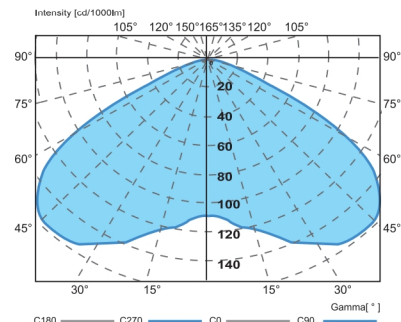


A diagram of a rectangular container with a semi-circular lid. The height of the container is labeled H , and the radius of the lid is labeled $RIM0$.



6" 170mm±1mm
8" 225mm±1mm

Utilization factors			LOR =55.8%			DLOR =55.8%			ULOR =0.0%		
Room reflection			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	N.A.	N.A.	45	48	51	54	55	58	59
	0.3		N.A.	N.A.	41	44	48	51	53	56	57
	0.1		N.A.	N.A.	39	42	46	49	51	54	56
0.5	0.5	0.2	N.A.	N.A.	44	46	50	52	53	55	57
	0.3		N.A.	N.A.	41	43	47	50	52	54	55
	0.1		N.A.	N.A.	38	41	45	48	50	52	54
0.3	0.5	0.2	N.A.	N.A.	42	45	48	50	52	53	55
	0.3		N.A.	N.A.	40	42	46	48	50	52	53
	0.1		N.A.	N.A.	38	40	44	47	49	51	52
0.0	0.0	0.0	N.A.	N.A.	36	39	42	45	46	48	50
			SHR NOM =2.25			SHR MAX =2.36			SHR MAX		
			TR 3.00								



Photometry constructed by own Goniophotometer accurately measure the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Body & Ring	Made of injected die-cast aluminium.
Glass	Tempered UV filter glass.
Reflector	High quality specular/ matt finish aluminium.
Paintwork	Coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source	CDMT.
Electrical Data	240V, 50Hz
Wattage	35W/70W/150W
Wire	Silicone heat resistance cable.
Ballast	35W/70W/150W
Lampholder	G12
Control Gear Box	Separate

H190 RIMØ190(MM)

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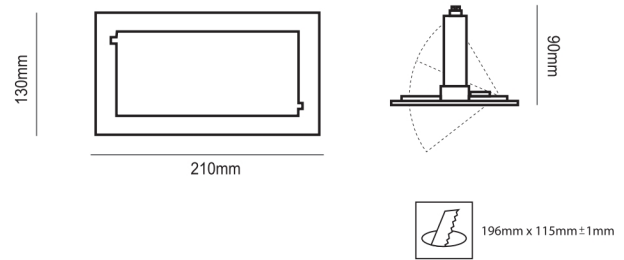
Note : Subject to +/- 1.5mm

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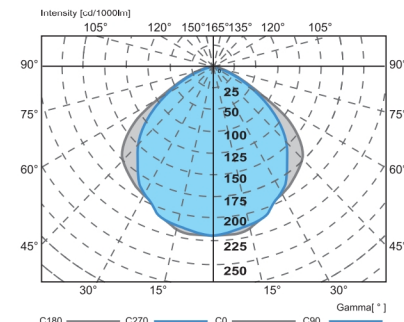


Adjustable rectangular recessed downlight in die-casting aluminium. High Intensity Discharge Fittings. With fixed tempered UV filter glass. Ideal for path drive & walkway.



TM5 Utilization Factors

Utilization factors			LOR =58.7%			DLOR =58.7%			ULOR =0.0%		
Room reflection			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	37	42	46	49	53	56	58	60	62
	0.3		32	38	42	45	50	53	55	58	60
	0.1		29	34	39	42	47	50	53	56	58
0.5	0.5	0.2	36	41	45	48	51	54	56	58	59
	0.3		32	37	41	44	49	51	53	56	58
	0.1		29	34	39	42	46	49	51	54	56
0.3	0.5	0.2	35	39	43	46	50	52	54	56	57
	0.3		32	36	41	43	47	50	52	54	56
	0.1		29	34	38	41	45	48	50	53	55
0.0	0.0	0.0	28	32	37	39	43	46	48	50	52
			SHR NOM =1.50			SHR MAX =1.62			SHR MAX		
			TR =2.01								



Technical Data

Photometry constructed by own Goniophotometer accurately measure the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Body & Ring	Made of injected die-cast aluminium.
Glass	Tempered UV filter glass.
Reflector	High quality matt finish aluminium.
Paintwork	Coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source	MHDE, CDMTD
Electrical Data	240V, 50Hz
Wattage	70W/150W
Wire	Silicone heat resistance cable.
Ballast	70W/150W
Lampholder	Rx7s
Control Gear Box	Separate.

Dimensions W210(MM) H90(MM)

MODEL NO.	NO. OF LAMP
PLUTO 301.070MHDE	1X 70W
PLUTO 301.150MHDE	1X150W
PLUTO 301.070CDM-TD	1X 70W
PLUTO 301.150CDM-TD	1X150W

MODEL NO.	NO. OF LAMP

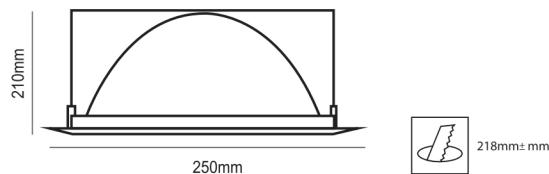


Note : Subject to +/- 1.5mm

*SJ Lite reserves the right to change and amend the specification without prior notice.

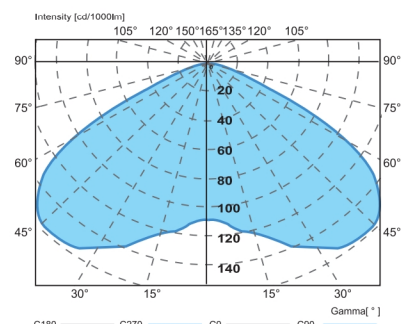


Adjustable recessed downlight in die-casting aluminium. High Intensity Discharge Fittings. With fixed tempered UV filter glass. Suitable for commercial halls, offices, museums, galleries, exhibition, etc.



TM5 Utilization Factors

Utilization factors			LOR =55.8%			DLOR =55.8%		ULOR =0.0%			
Room reflection			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	N.A.	N.A.	45	48	51	54	55	58	59
	0.3		N.A.	N.A.	41	44	48	51	53	56	57
	0.1		N.A.	N.A.	39	42	46	49	51	54	56
0.5	0.5	0.2	N.A.	N.A.	44	46	50	52	53	55	57
	0.3		N.A.	N.A.	41	43	47	50	52	54	55
	0.1		N.A.	N.A.	38	41	45	48	50	52	54
0.3	0.5	0.2	N.A.	N.A.	42	45	48	50	52	53	55
	0.3		N.A.	N.A.	40	42	46	48	50	52	53
	0.1		N.A.	N.A.	38	40	44	47	49	51	52
0.0	0.0	0.0	N.A.	N.A.	36	39	42	45	46	48	50
	SHR NOM =2.25			SHR MAX =2.36		SHR MAX		TR 3.00			



Technical Data

Photometry constructed by own Goniophotometer accurately measure the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Body & Ring	Made of injected die-cast aluminium.
Glass	Tempered UV filter glass.
Reflector	High quality specular finish aluminium.
Paintwork	Coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source	MHDE/CDMTD.
Electrical Data	240V, 50Hz
Wattage	70W/150W
Wire	Silicone heat resistance cable.
Ballast	70W/150W
Lampholder	Rx7s
Control Gear Box	Separate

Dimensions W250(MM) L210(MM)

MODEL NO.	NO. OF LAMP
PLUTO 302.070MHDE	1X 70W
PLUTO 302.070CDM-TD	1X 70W
PLUTO 302.150MHDE	1X150W
PLUTO 302.150CDM-TD	1X150W

MODEL NO.	NO. OF LAMP

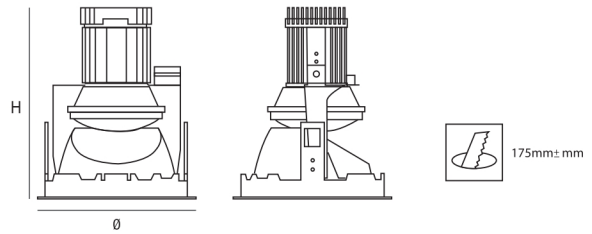


Note : Subject to +/- 1.5mm

*SJ Lite reserves the right to change and amend the specification without prior notice.

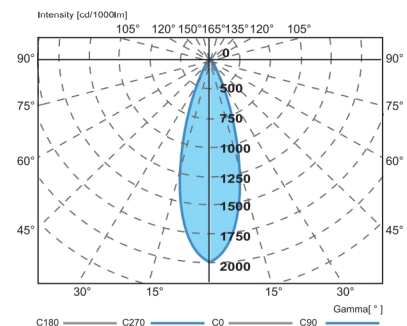


Adjustable recessed downlight in die-casting aluminium. High Intensity Discharge Fittings. With fixed tempered UV filter glass. Suitable for commercial halls, offices, museums, galleries, exhibition, etc.



TM5 Utilization Factors

Utilization factors Room reflection			LOR = 73.0%			DLOR = 73.0%			ULOR = 0.0%		
C	W	F	Room index								
			0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	63	68	71	73	75	77	78	80	81
	0.3		60	65	68	70	73	75	76	78	79
	0.1		58	63	66	68	71	73	75	77	78
0.5	0.5	0.2	62	67	69	71	73	75	76	77	78
	0.3		60	64	67	69	71	73	74	76	77
	0.1		58	62	65	67	70	72	73	75	76
0.3	0.5	0.2	62	65	68	69	71	73	73	74	75
	0.3		59	63	66	68	70	71	72	74	74
	0.1		57	61	64	66	69	70	71	73	74
0.0	0.0	0.0	56	60	63	63	66	68	68	70	70
			SHR NOM = 0.50 SHR MAX = 0.65 SHR MAX TR 0.65								



Photometry result or data are available for interior lux calculation upon requisition. the intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Technical Data

Body & Ring	Made of injected die-cast aluminium.
Reflector	High quality specular/matt finish aluminium.
Paintwork	Coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source	CDMT.
Electrical Data	240V, 50Hz
Wattage	70W/150W
Wire	Silicone heat resistance cable.
Ballast	70W/150W
Lampholder	G12
Control Gear Box	Separate

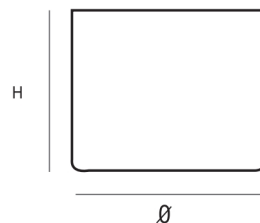
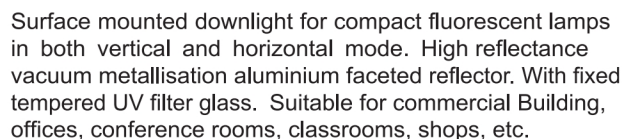
Dimensions Ø190(MM) H230(MM)

[illegible][illegible]

Note : Subject to +/- 1.5mm

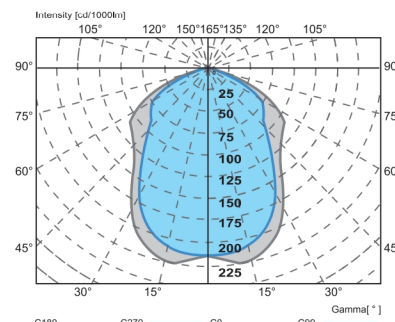
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PLUTO 400.9218

Utilization factors			LOR=55.1%			DLOR=55.1%			ULOR=0.0%		
Room reflection			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	32	37	41	44	49	51	53	56	57
	0.3		27	33	37	40	45	48	51	54	56
	0.1		24	30	34	38	42	46	48	52	54
0.5	0.5	0.2	31	36	40	43	47	49	51	54	55
	0.3		27	32	36	40	44	47	49	52	54
	0.1		24	29	34	37	42	45	47	50	52
0.3	0.5	0.2	30	35	39	41	45	48	49	52	53
	0.3		27	32	36	39	43	46	48	50	52
	0.1		24	29	33	36	41	44	46	49	51
0.0	0.0	0.0	23	28	32	35	39	42	44	46	48
			SHR NOM=1.25			SHR MAX=1.41			SHR MAX		
			TR=1.52								



Photometry result or data are available for interior lux calculation upon requisition. The intensity distribution LOR, photometric factors and lumen per watt of light fittings.

Body & Ring	Made of cold rolled steel.
Reflector	High quality specular/matt finish aluminium.
Paintwork	Coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source	Compact fluorescent lamp of PLC 10W,13W,18W & 26W.
Electrical Data	240V, 50Hz Power factor 0.9
Wattage	PLC-10W/13W/18W/26W
Wire	HR 105° C
Ballast	Polyester vacuum impregnated.
Lampholder	G24d/G24q
Condenser	Metallized polypropylene film.
Optional components	Electronic ballast/Emergency pack.

[illegible][illegible]

Note : Subject to +/- 1.5mm

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