

	03201			
TYI	PE			
NO	TES			
QU	JANTITY			
DA	TE			

D1010010-

DESCRIPTION

Eclipse Modular - Ring - Suspension - $\boxtimes 680$ mm / 26 3/4" - 44 x 0.6W LED - 2400K / 2800K / 3000K - 12V - Phase Dimming -

GENERAL

Series: Eclipse	
Subseries: Eclipse - Composition Modular System	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Modular	

mounting Typer Guspension
Mounting Location: Ceiling
Subcategory: Modular
PHYSICAL
Shape: Round
Diameter (mm): 680
Diameter (in): 26 ³ / ₄
Height (mm): 50
Height (in): 1 15/16
Max. Overall Height (mm): 1550
Max. Overall Height (in): 61
Light Distribution: Omnidirectional
Weight (kg): 3
Weight (lbs): 6.61
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm cable

ELECTRICAL

Input Wattage Range: 20 - 29 W

Lamp Type: LED	
Input Wattage (W): 26.5	
Dimming: Non-Dimming / Phase Dimming (120vac Only)	
Driver Included: No	
Driver Location: See canopy components	
Driver Type: Constant Voltage - Universal	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	

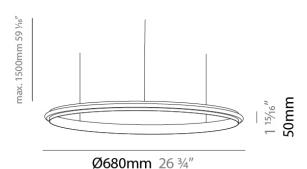
LED

Output Voltage (V): 12

Delivered Lumen Range: 500 - 1999 lm
Color Temperature (°K): 2400 / 2800 / 3000
Max. Delivered Lumen (lm): 1320 (2800K)
CRI: >90 CRI
Lamp Life (hrs): 50000

Certified By: Certified for North American Standards	
IP rating: IP20	









PROJECT			
TYPE			
NOTES			
QUANTITY			
DATE			

D1010011-

DESCRIPTION

Eclipse Modular - Ring - Suspension - 🛮 830mm / 32 11/16" - 52 x 0.6W LED - 2400K / 2800K / 3000K - 12V - Phase Dimming -

GENERAL

Series: Eclipse	
Subseries: Eclipse - Composition Modular System	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Modular	

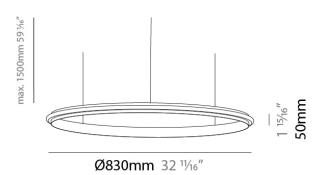
Mounting Location: Centing
Subcategory: Modular
PHYSICAL
Shape: Round
Diameter (mm): 830
Diameter (in): 32 11/16
Height (mm): 50
Height (in): 1 15/16
Max. Overall Height (mm): 1550
Max. Overall Height (in): 61
Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm cable

Fixture material: Metal
Cable Details: 1500mm cable
ELECTRICAL
Input Wattage Range: 30 - 49 W
Lamp Type: LED
Total Output Wattage (W): 31.2
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: No
Driver Location: See canopy components
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
LED
D !' D

Delivered Lumen Range: 500 - 1999 lm	
Color Temperature (°K): 2400 / 2800 / 3000	
Max. Delivered Lumen (lm): 1560 (2800K)	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

Certified By: Certified for North American Standards	
IP rating: IP20	









TROJECT		
TYPE		
NOTES		
QUANTITY		
DATE		

D1010012-

DESCRIPTION

Eclipse Modular - Ring - Suspension - \boxtimes 960mm / 37 13/16" - 60 x 0.6W LED - 2400K / 2800K / 3000K - 12V - Phase Dimming -

GENERAL

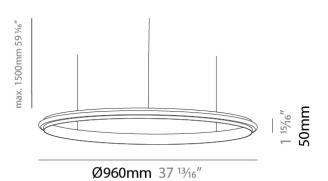
CENTERNE
Series: Eclipse
Subseries: Eclipse - Composition Modular System
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory Modular

Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Modular
PHYSICAL
Shape: Round
Diameter (mm): 960
Diameter (in): 37 ¹³ / ₁₆
Height (mm): 50
Height (in): 1 15/16
Max. Overall Height (mm): 1550
Max. Overall Height (in): 61
Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm cable
ELECTRICAL

Max. Overall Height (III). 61
Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm cable
ELECTRICAL
Input Wattage Range: 30 - 49 W
Lamp Type: LED
Total Output Wattage (W): 36
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: No
Driver Location: See canopy components
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
LED
Delivered Lumen Range: 500 - 1999 lm
Color Temperature (°K): 2400 / 2800 / 3000
Max. Delivered Lumen (lm): 1800 (2800K)
CRI: >90 CRI
Lamp Life (hrs): 50000

RATINGS AND CERTIFICATIONS









TROSECT			
TYPE			
NOTES			
QUANTITY			
DATE			

D1010013-

DESCRIPTION

Eclipse Modular - Ring - Suspension - ⊠1180mm /46 7/16" - 75 x 0.6W LED - 2400K / 2800K / 3000K - 12V - Phase Dimming -

GENERAL

	
Series: Eclipse	
Subseries: Eclipse - Composition Modular System	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Modular	

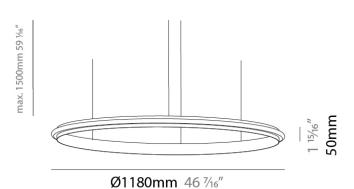
Mounting Location: Ceiling
Subcategory: Modular
PHYSICAL
Shape: Round
Diameter (mm): 1180
Diameter (in): 46 ½
Height (mm): 50
Height (in): 1 15/16
Max. Overall Height (mm): 1550
Max. Overall Height (in): 61
Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm cable

Light Distribution: Omnidirectional	
Fixture Finish: NIC / BRA / BBR	
Fixture Material: Metal	
Cable Details: 1500mm cable	
ELECTRICAL	
Input Wattage Range: 30 - 49 W	
Lamp Type: LED	
Total Output Wattage (W): 45	
Dimming: Non-Dimming / Phase Dimming (120vac Only)	
Driver Included: No	
Driver Location: See canopy components	
Driver Type: Constant Voltage - Universal	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Output Voltage (V): 12	
LED	

Delivered Lumen Range: 2000 - 2999 lm	
Color Temperature (°K): 2400 / 2800 / 3000	
Max. Delivered Lumen (lm): 2250 (2800K)	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

Certified By: Certified for North American Standards
IP rating: IP20









TROSECT			
TYPE			
NOTES			
QUANTITY			
DATE			

D1010014-

DESCRIPTION

Eclipse Modular - Ring - Suspension - 🛭 1400mm /55 1/8" - 88 x 0.6W LED - 2400K / 2800K / 3000K - 12V - Phase Dimming -

GENERAL

Series: Eclipse
Subseries: Eclipse - Composition Modular System
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Modular

Subcategory: Modular

PHYSICAL

Shape: Round

Diameter (mm): 1400

Diameter (in): 55 ½

Height (mm): 50

Height (in): 1 ½

Max. Overall Height (mm): 1550

Max. Overall Height (in): 61

Light Distribution: Omnidirectional

Fixture Finish: NIC / BRA / BBR

Fixture Material: Metal

Cable Details: 1500mm cable

Cable Details: 1500mm cable

ELECTRICAL

Input Wattage Range: 50 - 79 W

Lamp Type: LED

Total Output Wattage (W): 52.8

Dimming: Non-Dimming / Phase Dimming (120vac Only)

Driver Included: No

Driver Location: See canopy components

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Output Voltage (V): 12

Delivered Lumen Range: 2000 - 2999 lm

Color Temperature (°K): 2400 / 2800 / 3000

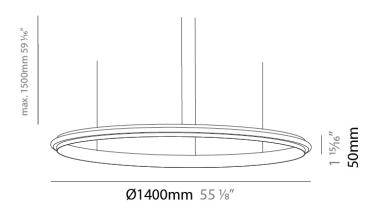
Max. Delivered Lumen (lm): 2640 (2800K)

CRI: >90 CRI

Lamp Life (hrs): 50000

RATINGS AND CERTIFICATIONS









TROJECT			
TYPE			
NOTES			
QUANTITY			
DATE			

D1010015-

DESCRIPTION

Eclipse Modular - Ring - Suspension - 🛭 1600mm /63" - 100 x 0.6W LED - 2400K / 2800K / 3000K - 12V - Phase Dimming -

GENERAL

V=11=101=	
Series: Eclipse	
Subseries: Eclipse - Composition Modular System	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Modular	

PHYSICAL
Shape: Round
Diameter (mm): 1600
Diameter (in): 63
Height (mm): 50
Height (in): 1 15/16
Max. Overall Height (mm): 1550
Max. Overall Height (in): 61
Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm cable

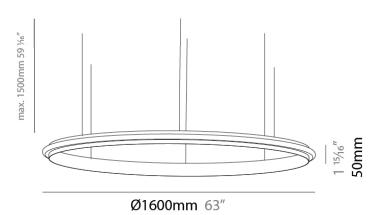
Cable Details: 1500mm cable
ELECTRICAL
Input Wattage Range: 50 - 79 W
Lamp Type: LED
Total Output Wattage (W): 60
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: No
Driver Location: See canopy components
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
LED

LED

Delivered Lumen Range: 2000 - 3999 lm	
Color Temperature (°K): 2400 / 2800 / 3000	
Max. Delivered Lumen (lm): 3000 (2800K)	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

Certified By: Certified for North American Standards	
IP rating: IP20	









PROJECT		
TYPE		
NOTES		
QUANTITY		
DATE		

D1010016-

DESCRIPTION

Eclipse Modular - Ring - Suspension - ⊠1800mm /70 7/8" - 113 x 0.6W LED - 2400K / 2800K / 3000K - 12V - Phase Dimming -

GENERAL

Series: Eclipse	
Subseries: Eclipse - Composition Modular System	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Modular	

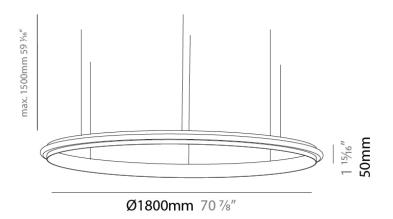
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Modular
PHYSICAL
Shape: Round
Diameter (mm): 1800
Diameter (in): 70 $\frac{7}{8}$
Height (mm): 50
Height (in): 1 15/16
Max. Overall Height (mm): 1550
Max. Overall Height (in): 61
Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm cable
ELECTRICAL

Tixture material. Metal
Cable Details: 1500mm cable
ELECTRICAL
Input Wattage Range: 50 - 79 W
Lamp Type: LED
Total Output Wattage (W): 67.8
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: No
Driver Location: See canopy components
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
LED

Max. Delivered Lumen (lm): 3000 (2800K)		

Certified By: Certified for North American Standards	
IP rating: IP20	









PROJECT		
TYPE		
NOTES		
QUANTITY		
DATE		

D1010017-

DESCRIPTION

Eclipse Modular - Ring - Suspension - $\boxtimes 2000$ mm /78 3/4" - 126 x 0.6W LED - 12V - Phase Dimming -

GENERAL

Series: Eclipse	
Subseries: Eclipse - Composition Modular System	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Modular	

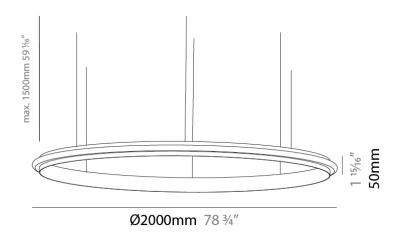
Modifiling Type: Suspension
Mounting Location: Ceiling
Subcategory: Modular
PHYSICAL
Shape: Round
Diameter (mm): 2000
Diameter (in): 78 ³ / ₄
Height (mm): 50
Height (in): 1 15/16
Max. Overall Height (mm): 1550
Max. Overall Height (in): 61
Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm cable
ELECTRICAL

8
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm cable
ELECTRICAL
Input Wattage Range: 80 - 99 W
Lamp Type: LED
Total Output Wattage (W): 75.6
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: No
Driver Location: See canopy components
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
LED
Delivered Lumen Range: 2000 - 3999 lm
Color Temperature (°K): 2400 / 2800 / 3000

Lamp Life (hrs): 50000
CRI: >90 CRI
Max. Delivered Lumen (lm): 3780 (2800K)
Color Temperature (°K): 2400 / 2800 / 3000
Delivered Lumen Range: 2000 - 3999 lm

Certified By: Certified for North American Standards	
IP rating: IP20	









	PROJECT
	ТУРЕ
	NOTES
	QUANTITY
	DATE

D109155-

DESCRIPTION

Eclipse Modular - Canopy with Composition Driver 30W -

GENERAL

Series: Eclipse	
Subseries: Eclipse - Composition Modular System	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Modular	

Mounting Location: Ceiling
Subcategory: Modular
PHYSICAL
Shape: Rectangle
Diameter (mm): 200
Diameter (in): 7 1/8
Height (mm): 50
Height (in): 1 15/16
Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm cable
ELECTRICAL

ELECTRICAL
Input Wattage Range: 30 - 49 W
Input Wattage (W): 30
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP20	



		50mm
_	_	

Ø200mm 7 %"





	PROJECT
	ТУРЕ
	NOTES
	QUANTITY
	DATE

D109156-

DESCRIPTION

Eclipse Modular - Canopy with Composition Driver 60W -

GENERAL

V-11-11-1
Series: Eclipse
Subseries: Eclipse - Composition Modular System
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Modular

Mounting Location: Ceiling
Subcategory: Modular
PHYSICAL
Shape: Rectangle
Diameter (mm): 250
Diameter (in): 9 13/16
Height (mm): 50
Height (in): 1 15/16
Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm cable
ELECTRICAL

Cable Details. 1500mm cable	
ELECTRICAL	
Input Wattage Range: 50 - 79 W	
Input Wattage (W): 60	
Dimming: Non-Dimming / Phase Dimming (120vac Only)	
Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Voltage - Universal	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Output Voltage (V): 12	

RATINGS AND CERTIFICATIONS



	50mm 1 154."
 Ø250mm 9 ¹³ /16"	





PROJECT
TYPE
NOTES
QUANTITY
DATE

D109157-

DESCRIPTION

Eclipse Modular - Canopy with Composition Driver 100W -

GENERAL

GENERAL
Series: Eclipse
Subseries: Eclipse - Composition Modular System
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Modular

Mounting Location: Ceiling
Subcategory: Modular
PHYSICAL
Shape: Rectangle
Diameter (mm): 300
Diameter (in): 11 ¹³ / ₁₆
Height (mm): 50
Height (in): 1 15/16
Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm cable
ELECTRICAL

RATINGS AND CERTIFICATIONS



	50mm 1 15/6"
Ø300mm 11 ¹³ / ₁₆ "	





PROJECT
TYPE
NOTES
QUANTITY
DATE

D109158-

DESCRIPTION

Eclipse Modular - Canopy with Composition Driver 200W -

GENERAL

GENERAL
Series: Eclipse
Subseries: Eclipse - Composition Modular System
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Modular

Subcutegory: modular
PHYSICAL
Shape: Rectangle
Diameter (mm): 355
Diameter (in): 14
Height (mm): 65
Height (in): 2 ⁹ / ₁₆
Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm cable
ELECTRICAL

Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm cable
ELECTRICAL
Input Wattage Range: 200 - 299 W
Input Wattage (W): 200
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 1
Input Voltage (V): 120 - 277
Output Voltage (V): 12
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20





65mm 2 %"

Ø355mm 14"





PROJECT
TYPE
NOTES
QUANTITY
DATE

D109159-

DESCRIPTION

Eclipse Modular - Canopy with Composition Driver 300W -

GENERAL

CENTEROLE	
Series: Eclipse	
Subseries: Eclipse - Composition Modular System	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Modular	

Subcategory, Modular
PHYSICAL
Shape: Rectangle
Diameter (mm): 355
Diameter (in): 14
Height (mm): 85
Height (in): 3 3/8
Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm cable
FLECTRICAL

Tixture Fillish. NIC / DIXA / DDIX
Fixture Material: Metal
Cable Details: 1500mm cable
ELECTRICAL
Input Wattage Range: 300 - 399 W
Input Wattage (W): 300
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 1
Input Voltage (V): 120 - 277
Output Voltage (V): 12
DATINGS AND CERTIFICATIONS

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20





Ø355mm 14"





D10ECLIP-MOD-SYS COMPONENTS

PROJECT		
TYPE		
NOTES		
QUANTITY		
DATE		

LEGEND

100				-	1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
<u></u>	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
\uparrow	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
\rightarrow	wall-mounted	I	color of suspension cable	in the second	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	℃	color temperature
X	direct/indirect light distribution	s s	super spot	(LM)	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
$\overline{\Lambda}$	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	\odot	integrated shine ring with diffuser	30	walk on
\Box	square wall or ceiling cut-out		free individual colors 01-29	②	drive on
4	the supplied jig specifies the cutout dimensions	Ĉ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
□ ←,→	minimum distance (meters) lamp - object	♦	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
<u></u>	ceiling thickness in mm		luminaire part to be colored (F3)	4	blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)	()	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
•	sensor	0	direct diffuser	շ (Մ) սո	UL Certified to UL and CSA Standards
	remote control	1	ball-proof (upon request)	(II)	CSA Certified to UL and CSA Standards
9	available upon request	O	accessory	Z	Certified for North American Standards

IP RATING

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
IP65	protected against ingress of dust protected against jets of water
IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

above the surface)

IK02	above the surface)
IK03	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
IKOB	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface) $$

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm

protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm