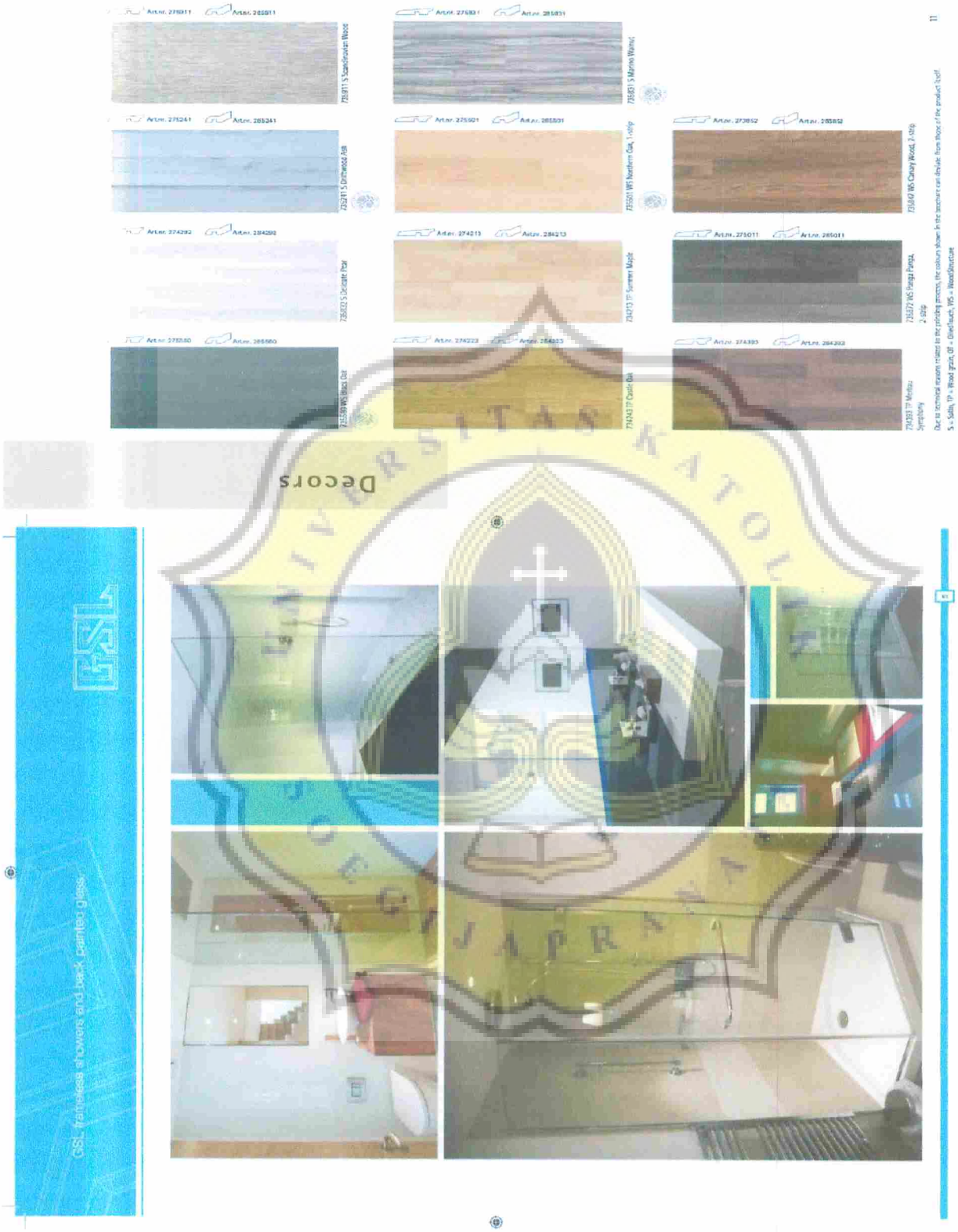
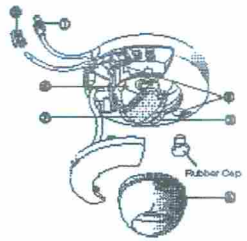
LAMPIRAN



MAJOR OPERATING CONTROLS

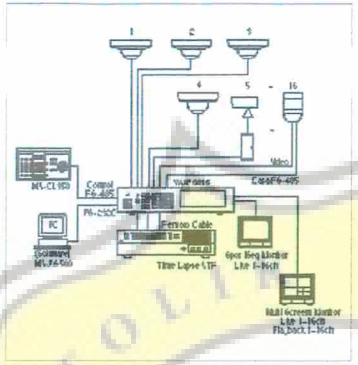


3 Lens
4 Dome Cover
5 Panel Cover
6 Camera Mounting Screw Hole
7 Camera Head

1 Video Output Connector
2 12V DC Power Input Connector

Pin No.	Power Source	Cable Color
1 :	Ground	Black
2 :	DC 12V	White

SYSTEM EXAMPLES



OPTIONAL LENSES & ACCESSORIES

Fixed Iris Lenses
WV-LXY18C4
WV-LXY23C4
WV-LXY47C4

Quad Unit
WJ-410

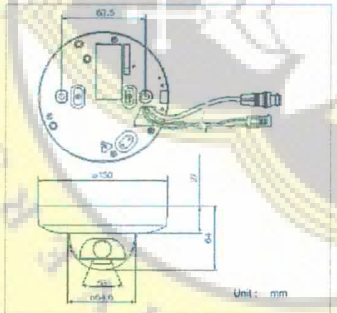
Digital Video Multiplexers
WJ-FS216
WJ-FS616

B/W CCTV Monitors
WV-BM500
WV-BM900
WV-BM1410
WV-BM1700
WV-BM1900

SPECIFICATIONS CCIR

Pick-up Device	512 (H) x 582 (V) pixels, Interline Transfer CCD
Scanning Area	3.61 (H) x 2.72 (V) mm (Equivalent to scanning area of 1/4" pick-up tube)
Scanning Horizontal Vertical	625 lines / 50 fields / 25 frames 15.625 kHz 50 Hz
Synchronization	Internal
Video Output	1.0 Vp-p CCIR composite 75 Ω / BNC connector
Horizontal Resolution	370 lines
Signal-to-Noise Ratio	48 dB (AGC OFF, weight ON)
Minimum Illumination	0.3 lx at F2.0
Angular Field of View	Horizontal: 53° Vertical: 40° (f = 3.8 mm)
Ambient Operating Temperature	-10°C - +50°C
Ambient Operating Humidity	Less than 90%
Power source	12 V DC, 80 mA
Dimensions	ø130 x 64 mm
Weights	0.3 kg

APPEARANCE



STANDARD ACCESSORY

Rubber Cap 1

Specifications are subject to change without notice.
Dimensions and weight are approximate.
This product may be subject to export control regulations.

DISTRIBUTED BY:

Panasonic
Panasonic is the brandname of Matsushita Electric.

ELENESSA

Car Design – Optional – Observation Car - (NY30)

N10 *1	
Lighting	- Downlights
Walls (inside)	- Stainless steel hairline
Walls (outside)	- Painted finish (N5.5: Gray)
Windows	- Transparent flat glass
Glass frame	- Aluminum
Transom panel	- Stainless steel hairline
Doors	- Stainless steel hairline incorporated glass window
Front return panel	- Stainless steel hairline
Kickplate	- Stainless steel hairline
Flooring	- Durable vinyl tiles (2mm thick) [PR62]
Handrail	- Circular type and stainless steel hairline (YH-55S)
Car operating panel	- CBE-NZ10

Notes 1. *1: Selectable from S10/N10/K20/Y30/W40/W50/W60/N110.
2. This specification describes the images above.

STANDARD INSTALLATIONS

30° INCLINATION ANGLE

• Dimensions (mm)

Type	850			1000			1200		
Div.	JS-SE	JS-LE	JP-E	JS-SE	JS-LE	JP-E	JS-SE	JS-LE	JP-E
W1	1150			1350			1550		
W2	808	860		1008	1060		1208	1260	
W3	610			810			1010		
NJ	1685	1640		1685	1640		1685	1640	
NK	1365	1320		1365	1320		1365	1320	

Note (*): Recommended dimensions

• Static Loads on Beam (N)

	Without intermediate support beam	With intermediate support beam
RA	$\alpha \cdot LL+\beta \cdot \frac{TJ-1130}{LL}$	$\alpha \cdot LA$
RB	$\alpha \cdot LL+\beta \cdot \frac{TJ-1130}{LL}$	$\alpha \cdot LB+\beta \cdot \frac{TJ-1130}{LB}$
RC	—	$\alpha \cdot LL+\beta \cdot \frac{TJ-1130}{LB}$

• Static Load Factors

Type	α (N/mm)	β (N)
1200	4.0	7850
1000	3.57	
800	3.13	

35° INCLINATION ANGLE

• Dimensions (mm)

Type	850			1000			1200		
Div.	JS-SE	JS-LE	JP-E	JS-SE	JS-LE	JP-E	JS-SE	JS-LE	JP-E
W1	1150			1350			1550		
W2	808	860		1008	1060		1208	1260	
W3	610			810			1010		
NJ	1650	1605		1650	1605		1650	1605	
NK	1400	1355		1400	1355		1400	1355	

Note (*): Recommended dimensions

• Static Loads on Beam (N)

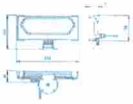
	Without intermediate support beam	With intermediate support beam
RA	$\alpha \cdot LL+\beta \cdot \frac{TJ-1095}{LL}$	$\alpha \cdot LA$
RB	$\alpha \cdot LL+\beta \cdot \frac{TJ-1095}{LL}$	$\alpha \cdot LB+\beta \cdot \frac{TJ-1095}{LB}$
RC	—	$\alpha \cdot LL+\beta \cdot \frac{TJ-1095}{LB}$

• Static Load Factors

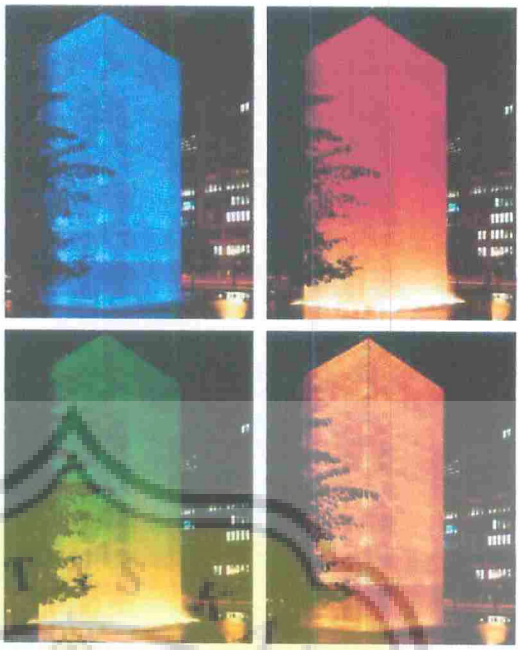
Type	α (N/mm)	β (N)
1200	4.0	7850
1000	3.57	
800	3.13	

ColorBlast 12 TR

Standard features



Type	**BCS462**
Light source	36 x LED-HB
Light colour	Red, green, blue (RGB)
Power supply	24V
Power consumption	Max 50W
Optic	Narrow beam angle 10° Medium beam angle 23°
Controls	Compatible with full line of Philips DMX controllers
Materials and finishing	Housing: die-cast aluminium Cover: tempered glass, clear or soft-focus
Colour	Black (BK)
Installation	Surface mounting Starting temperature: -20°C < Ta < 50°C Operating temperature: -40°C < Ta < 50°C Locking base swivel after installation rotation up to 350° rotation
Lifetime	50.000 hours at 50°C (complies with IES LM-79-08)
Remarks	Data enabler, controls equipment and cables to be ordered separately
Main applications	Architectural outdoor (floodlighting) and indoor
Classification code	IP68 CE



Product Selection

ColorBlast 12 TR – BCS462	Light Colour	Housing	Beam (°)	Weight (kg)	Power (w)	Order Code
	RGB	Black	10/23	3.8	50	71118999

System Components

Power Supplies	Product	Description	Order Code
	PDS-750TR	Runs 12 x ColorBlast 12 TR	71090800

Controls (See page 382 for full list of controls)	Product	Order Code
	i Player1	70058599
	ColourChaser Touch	80896300
	Light System Manager	71442500
	Video System Manager	71443200
	(Other third party DMX controllers will work with this product)	

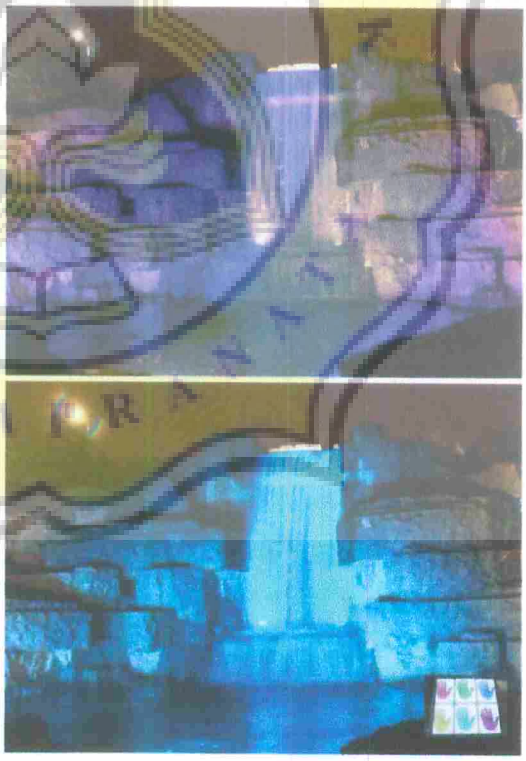
For further information call 01483 293 258

C-Splash 2

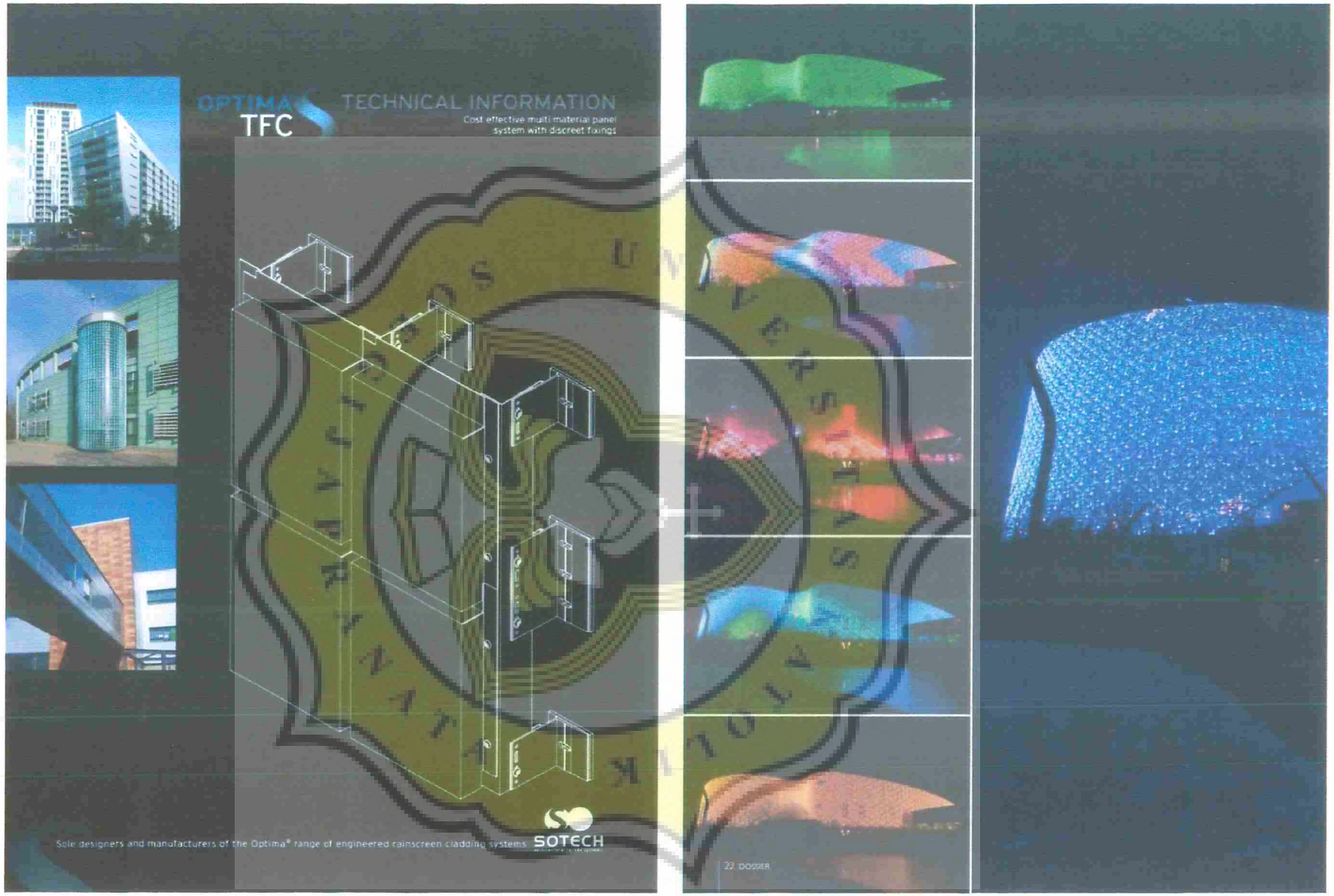
_Underwater applications
_Generates vibrant colour changing effects with outstanding control and flexibility
_Suitable for fresh or saltwater
_Suitable for exposure to bromine or chlorine
_Fully submersible to a depth of 3m
_Soft focus 22° beam or a 10° projection beam
_Full 360° rotation, both horizontal and vertical
_Philips Core Technologies used:

Chromacore® – An unprecedented means for adding intelligence to LED illumination devices

Optibin® Production process that ensures light output and colour consistency

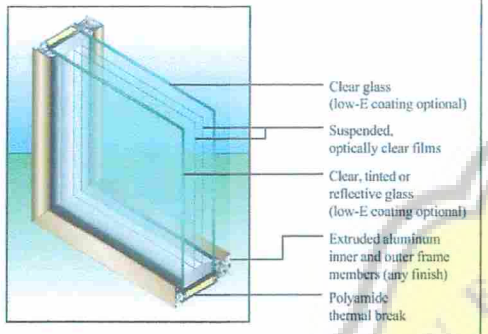


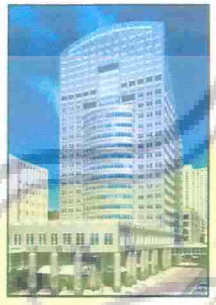
This is an interactive fountain and will change according to the hand print touches


OPTIMA
TFC
TECHNICAL INFORMATION
Cost effective multi-material panel system with discreet fixings
Sole designers and manufacturers of the Optima® range of engineered rainscreen cladding systems
SOTECH
22 DOSSIER

VISIONWALL® 4-Element Glazing System Performance Data

(Frame plus Glazing Unit)





Above: EMC Insurance Company Tower, Des Moines, IA
Owner: EMC Insurance Companies
Architect: Brooks Borg & Skiles Architects-Engineers

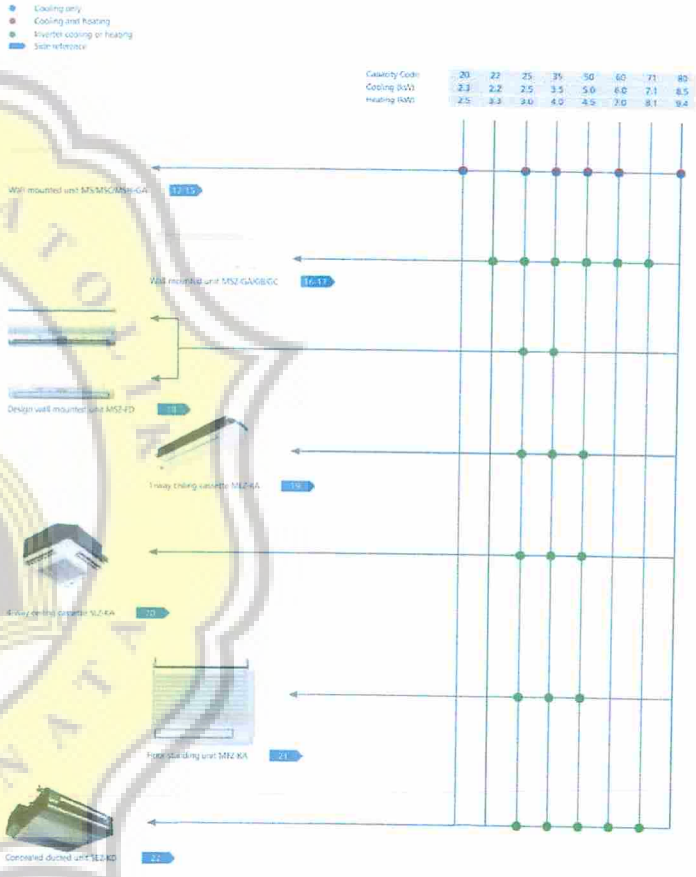
Glazing Unit Construction	Outer Lite Glass Type	U Value (complete window) Btu/hr • ft² • F	U Value (complete window) W/m² • K	Solar Heat Gain Coefficient (SHGC)	Visible Light Transmission (T_{VIS})	Shading Coefficient (SC)
Low-E Coated Outer Lite / Low-E Coated Clear Glass Inner Lite	Clear	0.144	0.816	0.258	46%	.30
	Green Tinted	0.144	0.816	0.201	39%	.23
	Grey Tinted	0.144	0.816	0.152	22%	.17
	Bronze Tinted	0.144	0.816	0.171	27%	.20
	Blue Tinted	0.144	0.816	0.178	29%	.20
	Aqua Tinted	0.144	0.816	0.206	39%	.24
	PPG *Azurlite*®	0.144	0.816	0.150	36%	.21
	LOF *EverGreen*™	0.144	0.816	0.172	35%	.20
Low-E Coated Outer Lite / Non-coated Clear Glass Inner Lite	Clear	0.168	0.955	0.262	47%	.30
	Green Tinted	0.168	0.955	0.206	40%	.24
	Grey Tinted	0.168	0.955	0.158	23%	.18
	Bronze Tinted	0.168	0.955	0.177	28%	.20
	Blue Tinted	0.168	0.955	0.183	30%	.21
	Aqua Tinted	0.168	0.955	0.211	40%	.24
	PPG *Azurlite*®	0.168	0.955	0.185	38%	.21
	LOF *EverGreen*™	0.168	0.955	0.177	36%	.20

Azurlite® is a trademark of PPG Industries. *Evergreen*™ is a trademark of Libbey-Owens-Ford Co.

The performance data shown in these tables was derived using the Window 5.1 Computer Program from the Lawrence Berkeley National Laboratory, Berkeley, CA 94720 USA, and is based on the standard ASHRAE/NFRC weather conditions and a 48" x 72" (1220 mm x 1830 mm) glazing systems. The data shown is based on one glass manufacturer's coatings. Different coatings will result in minor changes in the data.

UValue: is the overall heat transfer co-efficient. The U values shown are for a complete glazing systems (glazing unit + frame). The smaller the U value the better the window is at stopping heat flow. The R value of a window is the reciprocal of the U value (i.e. R=1/U).

Overview indoor units

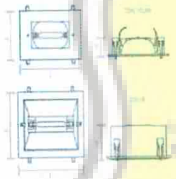


2040
2050
2250

Phosphate-coated steel frame and shiny anodised pressed aluminium reflector.

REF.	LxAxH (mm)	gr
	230V / 70W / RX7s / Hid	
2040	235x147x52	530
	230V / 150W / RX7s-24 / Hid	
2050	235x147x57	530
	230V / 250W / Fc2 / Hid	
2250	270x210x110	910

UV filter included in the version for 250W.



449 L

ACCESSORIES

A glass or a filter protection cover is necessary.

F-150
UV filter.

LxA: 154x67 mm
Weight: 132 gr.

V-150
Protection glass.

LxA: 154x67 mm
Weight: 96 gr.

ACCESSORIES

D-0300
Semi-transparent polycarbonate diffuser*.

Weight: 42 gr.

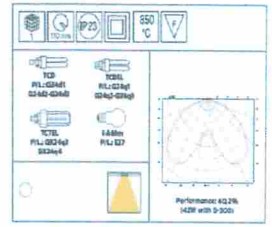
IP44

*Only for version with compact fluorescent lamps.

SYMMETRIC

Polycarbonate housing ring and shiny anodised high-purity spun aluminium reflector.

0300
0101



REF.	W	Lamp	P/L	DxH (mm)	gr	
	230V / 13W					
0313	1x13	TCD	G24d1	185x220	742	AF
0313/EL	1x13	TCDEL	G24q1	185x220	510	elect
	230V / 18W					
0318	1x18	TCD	G24d2	185x220	742	AF
0318/EL	1x18	TCDEL	G24q2	185x220	560	elect
	230V / 26W					
0326	1x26	TCD	G24d3	185x220	906	AF
0326/EL	1x26	TCDEL	G24q3	185x220	560	elect
	230V / 32W					
0332/EL	1x32	TCTEL	GX24q3	185x220	560	elect
	230V / 42W					
0342/EL	1x42	TCTEL	GX24q4	185x220	560	elect

REF.	W	Lamp	P/L	DxH (mm)	gr	
	230V					
0101	max.100	I-A60H	E27	185x245	360	

445 L

Table of common sizes

See also: Mattress#Mattress dimensions

See also: Bedding#Bedding_sizes

Mattress size (width × length)

	N. America[1]	Australia[2]	UK & Ireland[3]	Continental Europe & Latin America	Japan[4]
Single **Twin (USA)**	39 in × 75 in 99 cm × 190 cm	36 in × 74 in 91 cm × 190 cm	36 in × 75 in 91 cm × 190 cm	90 cm × 200 cm 35 in × 79 in	97 cm × 195 cm 38 in × 77 in
Double or full	54 in × 75 in 140 cm × 190 cm	54 in × 74 in 140 cm × 190 cm	54 in × 75 in 140 cm × 190 cm	140 cm × 200 cm 55 in × 79 in	140 cm × 195 cm 55 in × 77 in
Queen **King (UK & Ire.)** **Wide Double (Japan)**	60 in × 80 in 150 cm × 200 cm		60 in × 78 in 150 cm × 200 cm	160 cm × 200 cm 63 in × 79 in	154 cm × 195 cm 61 in × 77 in
Olympic Queen **Queen (Japan)**	66 in × 80 in 170 cm × 200 cm				170 cm × 195 cm 67 in × 77 in
King **Super King (UK & Ire.)**	76 in × 80 in 190 cm × 200 cm	72 in × 80 in 180 cm × 200 cm	72 in × 78 in 180 cm × 200 cm	180 cm × 200 cm 71 in × 79 in	194 cm × 195 cm 76 in × 77 in
California King **King Long (Japan)**	72 in × 84 in 180 cm × 210 cm				194 cm × 205 cm 76 in × 81 in

Bedding Size Chart

Bed Size	Mattress Size	Bedspread Size	Comforter Size	Blanket Size
Twin	39" x75"	80" x 110"	68" x 86"	66" x 90"
Twin XL	39" x 80"	N/A use Twin	68" x 90"	N/A use Twin
Full or Double	54" x 75"	96" x 110"	78" x 86" to 86" x 86"	80" x 90"
Queen	60" x 80"	102" x 116"	86" x 86" to 86" x 94"	90" x 90"
California or Western King	72" x 84"	114" x 120"	102" x 86" to 102" x 94"	108" x 90"
Dual or Eastern King	78" x 80"	120" x 120"	102" x 86" to 102" x 94"	108" x 90"
Daybed or Trundle	39" x 75"	84" x 117"	66" x 92"	66" x 90"
Waterbed Super Single	48" x 84"	N/A	68" x 86" to 66" x 92"	66" x 90"
Waterbed Queen	60" x 84"	84" x 108"	68" x 86" to 86" x 86"	80" x 90" or 90" x 90"
Waterbed King	72" x 84"	84" x 108"	86" x 86" to 102" x 86"	90" x 90" or 108" x 90"

5.2.2. Studi Preseden

A. Paragon City Semarang

Gambar 5.4 Paragon City Semarang
www.seputarsemarang.com

Kriteria	Baik	Cukup	Kurang	Keterangan
Akses ke Mixed Used	*			Jelas akses masuk ke bangunan, di bagian depan terdapat dua pintu masuk yang membedakan.
Kejelasan Sirkulasi antar Mixed Used		*		Ruang perantara antara Lobby dan Hall tidak jelas, hanya terdapat di pojok.
Parkir Mixed Use			*	Membingungkan antara Parkir Shopping Mall dengan Parkir Hotel

Tabel 5.1 Analisis Sirkulasi Paragon
(Analisi Pribadi)

B. Ciputra Hotel dan Mall Semarang

Gambar 5.5 Eksterior Ciputra Semarang
(www.agoda.com)

Kriteria	Baik	Cukup	Kurang	Keterangan
Akses ke Mixed Used	*			Jelas akses masuk ke bangunan, di bagian depan terdapat tiga pintu masuk yang membedakan.
Kejelasan Sirkulasi antar Mixed Used	*			Jelas Sirkulasi antar Mixed Use, karena berada di tengah bangunan.
Parkir Mixed Use		*		Dibedakan antara parkir Hotel dan Shopping Mall nya. Namun pada parkir Shopping mall, kurang terpusat (Terpencar)

Tabel 5.2 Analisis Sirkulasi Ciputra
(Analisi Pribadi)

C. Marina Bay Sands Singapore

Gambar 5.6 Eksterior Marina Bay Sands Singapore
(www.agoda.com)

Kriteria	Baik	Cukup	Kurang	Keterangan
Akses ke Mixed Used	*			Jelas akses masuk ke bangunan, berbeda akses masuk ke fungsi masing – masing.
Kejelasan Sirkulasi antar Mixed Used	*			Jelas Sirkulasi antar Mixed Use.
Parkir Mixed Use		*		Mayoritas pengunjung adalah wisatawan mancanegara, maka banyak yang menggunakan angkutan umum.

Tabel 5.3 Analisis Sirkulasi Marina Bay Sands
(Analisi Pribadi)

D. The Venetian Macao

Gambar 5.7 Eksterior Venetian Macao
(www.agoda.com)

Kriteria	Baik	Cukup	Kurang	Keterangan
Akses ke Mixed Used	*			Jelas akses masuk ke bangunan, berbeda akses masuk ke fungsi masing – masing.
Kejelasan Sirkulasi antar Mixed Used		*		Agak membingukan, karena berbeda elevasi dan hanya disambungkan dengan Escalator.
Parkir Mixed Use		*		Mayoritas pengunjung adalah wisatawan mancanegara, maka banyak yang menggunakan angkutan umum.

Tabel 5.4 Analisis Sirkulasi Venetian
(Analisi Pribadi)

5.2.3. Kemungkinan Penerapan Teori Permasalah Dominan

Dari studi preseden akan di dapat kelebihan atau kekurangan dari masing – masing bangunan, dengan demikian akan diterapkan kepada desain sirkulasi bangunan Riverview Shopping Mall dan Hotel di Semarang ini.